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QUICK COUPLERS

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Gravity Flow Cup Spray Gun

Gravity Flow Cup Spray Guns

R.O.C. Patent NO.I730744
 P.R.C. Patent NO.CN202010685231.6
 JP Patent NO.JP7149621B2
 US Patent NO.US20220016652A1
 EPO Patent NO.EP3939707A1

Series NO	G10	G13	G15	G18	G20
Fluid nozzle orifice (mm)	1.0	1.3	1.5	1.8	2.0
Atomizing air pressure (Bar)	2	2	2	2	2
Spray distance (mm)	200	200	200	200	200
Pattern width (mm)	280	300	300	320	320
Air consumption (l/min)	340	340	340	340	340
Paint consumption (ml/min)	125	170	200	240	280

Paint viscosity : 20 sec/NK-2 (22 sec / Ford 4)



BS10

SPECIFICATION

Part No.	BS10
Proof Input Pressure	43~145PSI / 3~10Bar / 0.3 ~ 1.0 MPa
Working Pressure	7~36PSI / 0.5~2.5Bar / 0.05~0.25MPa
Max Input Pressure	232PSI / 16Bar / 1.6MPa
Body Material	Aluminum alloy
Air Inlet	1/4"
Fluid Inlet	3/8" & M16x1.5
Temp Range	5 ~ 40°C
Style	Gravity

FEATURES :

1. Aluminum body for light weight and durable and user-friendly
2. Built-in regulator for stabilizing output pressure and better atomization
3. Stainless trigger and nozzle, which is designed for water-based paint
4. Trigger shields parts well to lessen dirty and wear and tear
5. Transparent cup with scale for checking paint easily

APPLICATIONS:

1. Coating
2. Sheet metal part painting
3. Wall painting

BS20

Suction Flow Cup Spray Gun



BS30

Gravity Flow Cup Spray Gun



Series NO	G15	G18	G20	G25
Fluid nozzle orifice (mm)	1.5	1.8	2.0	2.5
Atomizing air pressure (Bar)	2	2	2	2
Spray distance (mm)	200	200	200	200
Pattern width (mm)	300	320	320	340
Air consumption (l/min)	340	340	340	340
Paint consumption (ml/min)	170	200	240	310

G10	G13	G15	G18	G20	G25
1.0	1.3	1.5	1.8	2.0	2.5
2	2	2	2	2	2
200	200	200	200	200	200
280	300	300	320	320	340
340	340	340	340	340	340
125	170	200	240	280	370

Paint viscosity : 20 sec/NK-2 (22 sec / Ford 4)

SPECIFICATION

Part No.	BS20	BS30
Proof Input Pressure	43~145PSI / 3~10Bar / 0.3 ~ 1.0 MPa	
Working Pressure	7~36PSI / 0.5~2.5Bar / 0.05~0.25MPa	
Max Input Pressure	232PSI / 16Bar / 1.6MPa	
Body Material	Aluminum alloy	
Air Inlet	1/4"	
Fluid Inlet	3/8"	1/4"
Temp Range	5 ~ 40°C	
Style	Suction	Gravity

Turbo Power Cleaning Gun

Turbo Power Cleaning Gun

R.O.C. Patent NO.1775388



BC10

SPECIFICATION

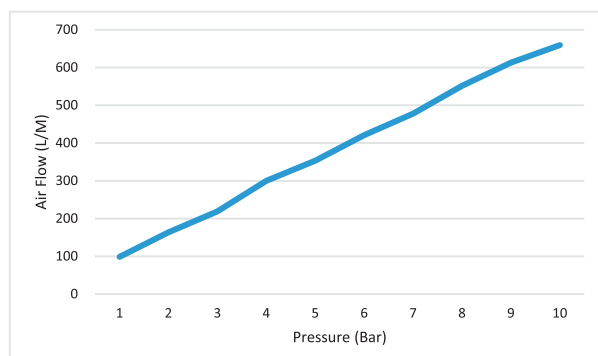
Description	Part No.	BC10
Working Pressure		232PSI / 16Bar / 1.6Mpa
Body Material		Aluminum alloy
HDPE Bottle Capacity		1000 ml
Port Size		1/4"
Temp Range		-5~+80°c (Non frozen)
Air Consumption		240L/M (8Bar)

FEATURES :

1. Exclusive Patent Rights 360° Rotating Vibration Cleaning
2. Aluminum body -Light and durable
3. Dust Removal Effectively
4. Deep Cleaning
5. Strong Wind

APPLICATIONS:

Detergent / alcohol can be used to do environment disinfection, vehicle, furniture, floor, or wall cleaning.



Turbo Power Foam Gun



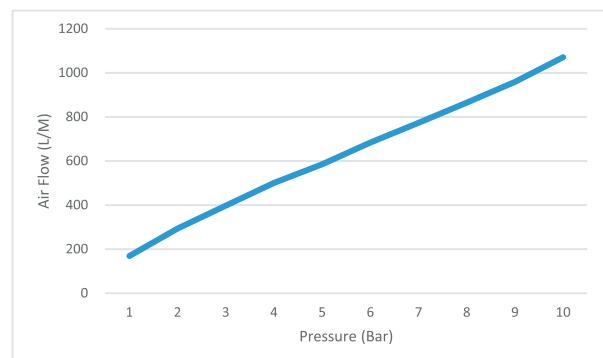
BC20

SPECIFICATION

Description	Part No.	BC20
Working Pressure		232PSI / 16Bar / 1.6Mpa
Body Material		Aluminum alloy
HDPE Bottle Capacity		1000 ml
Port Size		1/4"
Temp Range		-5~+80° c (Non frozen)
Air Consumption		865L/M (8Bar)

FEATURES :

1. Aluminum body -Light and durable
2. With rich and fluffy foam, which can well cover the dirt to maximum the removal performance



APPLICATIONS:

1. The removal of automobile/scooter body dirt and stain
2. Professional automobile detailing
3. Buildings, wall bricks and wall dirt removed

Air Sand Blast Gun

Air Sand Blast Gun



BC30

SPECIFICATION :

Part No.	BC30
Working Pressure	232PSI / 16Bar / 1.6Mpa
Body Material	Aluminum alloy
Hose Size & Length	ID3/8" * 3M
Port Size	1/4"
Nozzle Material	12L15
Temp Range	-5~+80℃ (Non frozen)
Air Consumption	685L/M (8Bar)

FEATURES :

THB Air Sand Blaster Gun for removing the burr, rust, scale and paint coating and other surface cleaning and surface treatment work.

APPLICATIONS:

1. The removal of car body paint and rust
2. The removal of ship body paint and rust
3. Buildings, wall bricks and wall graffiti removed
4. General iron, stainless steel, industrial products, rust, paint, and polishing

CAUTION:

1. Always wear gloves, goggles, earmuffs and mask when spraying.
2. Connect the steel hose with PVC hose before applying to the body part.
3. Connecting to compressor with inlet plug of sand blast gun.

Note: This tool is rated between 0.3Mpa to 1.5Mpa . Ensure your compressor is set no less than 0.3Mpa.

4. Press the trigger to start blasting sand.

Air Power Spraying Engine Cleaning Gun



BC40

SPECIFICATION

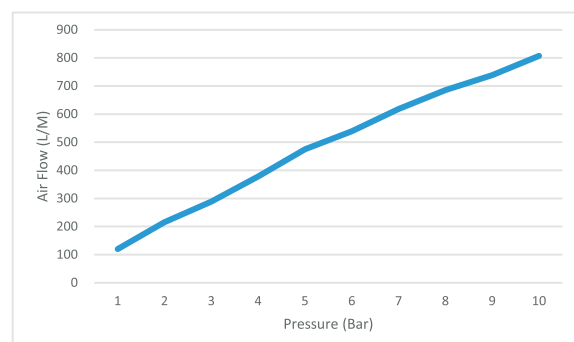
Description	Part No.	BC40
Working Pressure		232PSI / 16Bar / 1.6Mpa
Body Material		Aluminum alloy
Hose Size		ID: 16.5 mm
Port Size		1/4"
Temp Range		-5~+80°c (Non frozen)
Air Consumption		685L/M (8Bar)

FEATURES :

1. Aluminum body -Light and durable
2. Water Conservation & Dirt Removal Effectively

APPLICATIONS:

1. The removal of automobile/ scooter body dirt and stain
2. Professional automobile detailing
3. Buildings, wall bricks and wall dirt removed



Air Power Spraying Engine Cleaning Gun



SPECIFICATION

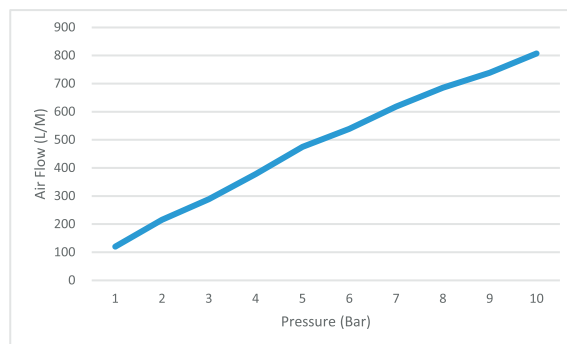
Part No.	BC50	BC51
Description		
Working Pressure	232PSI / 16Bar / 1.6Mpa	
Body Material	Aluminum alloy	
HDPE Bottle Capacity	1000 ml	
Port Size	1/4"	
Temp Range	-5~+80 °c (Non frozen)	
Air Consumption	685L/M (8Bar)	

FEATURES :

1. Aluminum body -Light and durable
2. Large capacity 1000 ml – fast and efficient
3. Can be used for both water and oil
4. Long nozzle can reach deep gap easily to clean dirt

APPLICATIONS:

1. Factory and company cleaning oil pollution.
2. Buildings, wall bricks and wall dirt removed



Turbo Air Sand Blaster Gun (Cleaning Gun)**BC60****SPECIFICATION**

Part No.	BC60
MAX.Working Pressure	225PSI/15Bar/1.5MPa
Material	POM
Port Size	1/4
Temp Range	-5~60 (Non frozen)

FEATURES :

1. For removing the burr, rust, and paint coating on metal surface
2. Can use for cleaning, sand blaster and watering
3. Use control valve to adjust the powder output
4. Multiple materials can be used, ex baking soda, water, detergent, sand

APPLICATIONS:

Cleaning, removing of rust and gardening

Turbo Power Air Blow Gun

B80F

Turbo Power Air Blow Gun R.O.C. Patent NO.M623448



B80F

SPECIFICATION

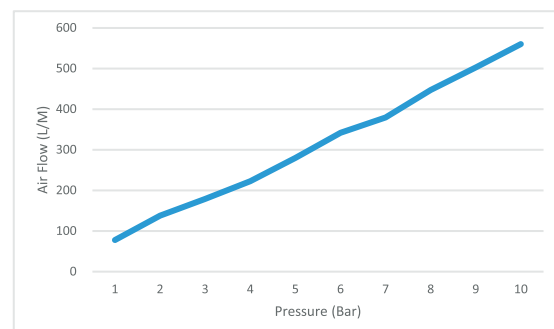
Part No.	B80F
Minimum Input Pressure	51PSI / 3.5Bar / 0.35Mpa
MAX. Working Pressure	145PSI/10 Bar/1Mpa
Material	PA6+30%GF
Noise Level	90PSI≤100dB
Port Size	1/4"
Temp Range	-5~+60°c (Non frozen)
Air Consumption	447L/M (8Bar)

FEATURES :

1. The spiral air can be whirled and beaten to achieve a large-area cleaning effect and also to prevent rebound of scrap
2. Body with air control valve can adjust the cleaning intensity
3. Light and durable
4. Use with: 1/4" Air tube

APPLICATIONS:

1. Car interior cleaning
2. Motorcycle foot pad cleaning
3. Environment cleaning



Multi-function Cleaning Gun



SPECIFICATION :

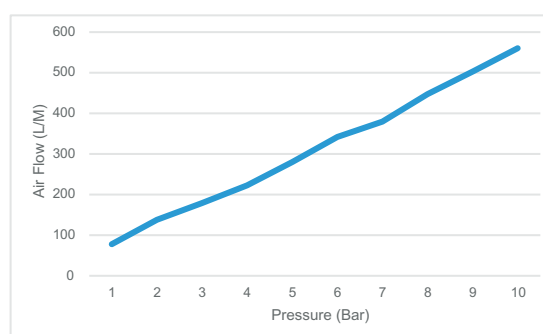
Part No.	B85
MAX. Working Pressure	232PSI / 16 Bar / 1.6Mpa
Material	Body: PA6+30%GF
	Bottle: HDPE (1000 ml)
Noise Level	90PSI ≤ 90dB
Port Size	1/4"
Temp Range	-5~+60°C (Non frozen)
Air Consumption	447L/M (8Bar)

FEATURES :

1. Cleaning with four different methods - Foam gun mode/ Air blow gun mode/ Cleaning with tube/ Cleaning with bottle
2. High flow with great dirt removal performance
3. Adjust the foaming density & cleaning fluid concentration with flow control valve
4. Light and durable

APPLICATIONS:

1. Professional automobile detailing
2. Home cleaning



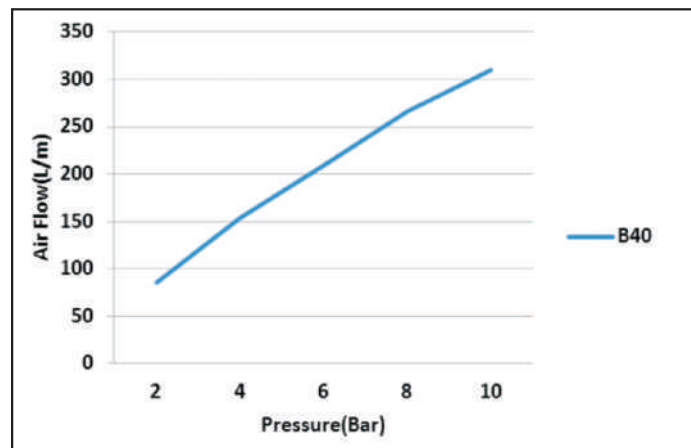
Engine Cleaning Gun



B40A

SPECIFICATION :

Part No.	B40A
Max Working Pressure	225PSI / 16Bar / 1.6MPa
Air Flow	300L/m@10 Bar
PVC Hose Length	1.5M(59")



FEATURES :

1. Lightweight and easy to handle.
2. Using engine cleaning gun is a fast easy way to clean dirt, grease, and grime.etc.
3. An essential tool for truckers, shops and garages.
4. Can be used with a variety of solvents.

APPLICATIONS:

1. Engine cleaning
2. Washing automobiles
3. Spray paint
4. Washing fences and home

DIGITAL TIRE INFLATOR

R.O.C. Patent NO.M554139
P.R.C. Patent NO.CN201721242823.4
CE NO.OP180803.HBEDO47
CE NO.OP190927.HBECQ01



BG40



BG42



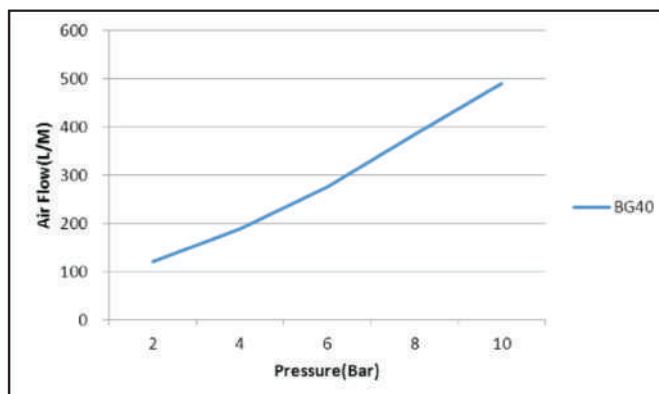
BG41

SPECIFICATION :

Description	Type	BG40-60	BG40	BG42	BG41
Body Material		Aluminum			
Scale		60 PSI (4.14 Bar / 0.414 Mpa)	200 PSI (13.8 Bar / 1.38 MPa)		
Hose Length		30cm			85cm
Dimensions		200L*65W*100H mm			
Supply Pressure Max.		232 PSI / 16 Bar / 1.6 MPa			
Supply Voltage		DC 3V (CR2032)			
Working Temperature		-5 ~ + 50°C (14 ~ 122°F)			
Inflation Speed		490 L/min @ 145 PSI			

FEATURES :

- 1.Easy to use
- 2.Large easy to read LCD display
- 3.PSI, Bar and Kpa - 3 kinds of measurement range
- 4.BG42 with American and British air chuck



3 FUNCTION TIRE INFLATOR



B20



B24A



B25A

SPECIFICATION :

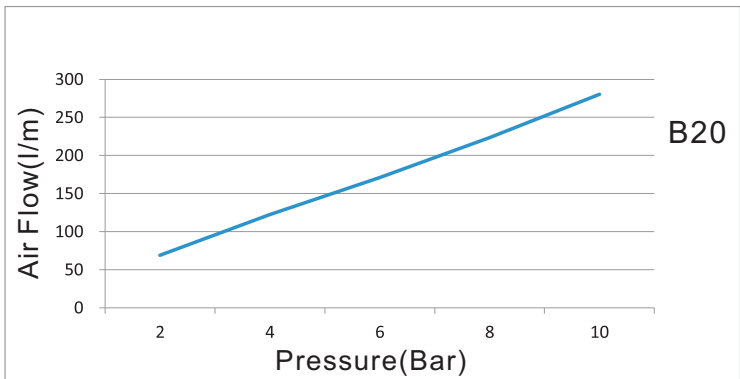
Description \ Type	B20	B20A-60PSI	B24A	B25A
Port Size	1/4"			
Max. Pressure	232PSI / 16Bar / 1.6MPa			
Temp Range	-20 °C ~+80 °C			
Nozzle Length	30cm		85cm	85cm
Pressure Gauge	2"		2.5"	3.5"
Precision	F.S. +/-1%			

FEATURES :

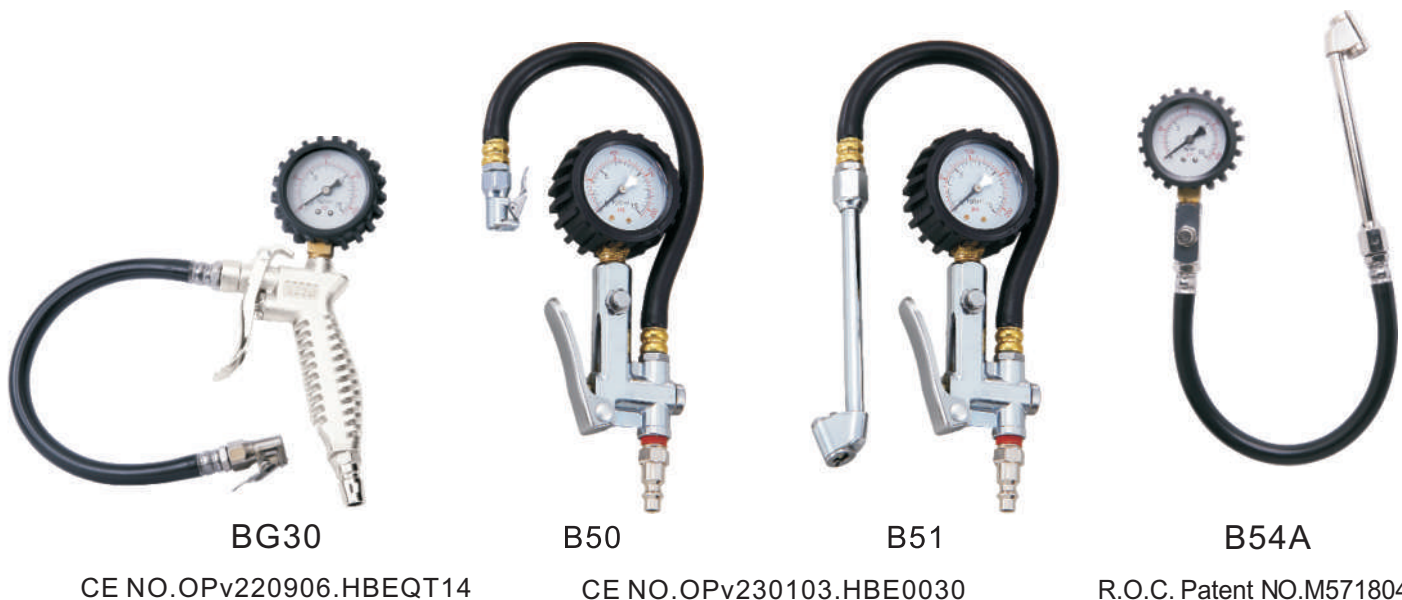
- 1.Measure precisely the tire pressure.
- 2.Release unnecessary pressure.
3. Tire chuck can be changed easily.
(Optional clamp chuck 6" dual chuck & 12" dual chuck.)
- 4.Hose swivel connects the tire maneuverability.
- 5.Inflate the air into the tire.

APPLICATIONS:

- 1.Truck
- 2.Car
- 3.Motorcycle
- 4.Bicycle Tire
- 5.Inflating Toys



3 FUNCTION TIRE INFLATOR



SPECIFICATION

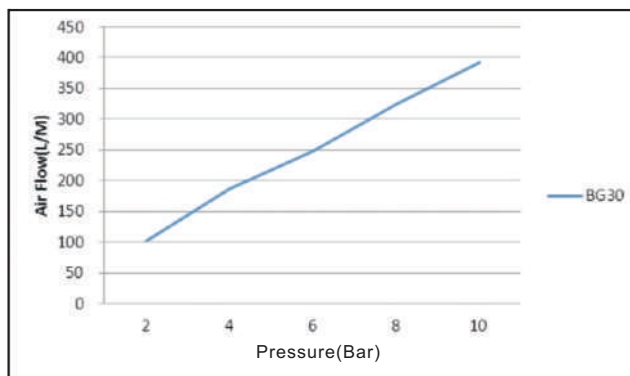
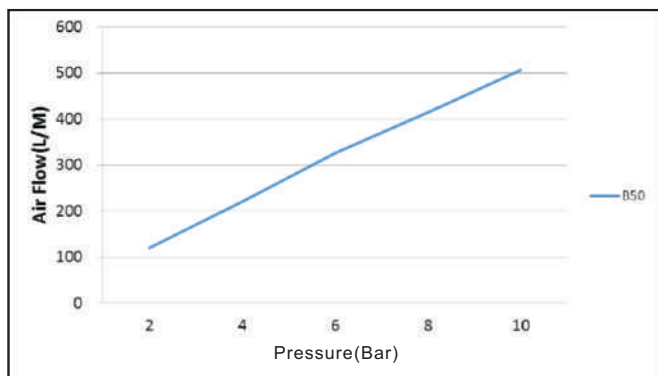
Description \ Type	BG30	B50	B51	B54A
Port Size	1/4"			
Max.Pressure	232PSI / 16Bar / 1.6Mpa			
Temp Range	-20 °C ~+80 °C			
Nozzle Length	30cm			
Pressure Gauge	2"			
Precision	F.S. +/-1%			

FEATURES :

- 1.Measure precisely the tire pressure.
- 2.Release unnecessary pressure.
- 3.Tire chuck can be changed easily.
(Optional clamp chuck 6" dual chuck & 12" dual chuck.)
- 4.Hose swivel connects the tire maneuverability.
- 5.Inflate the air into the tire.

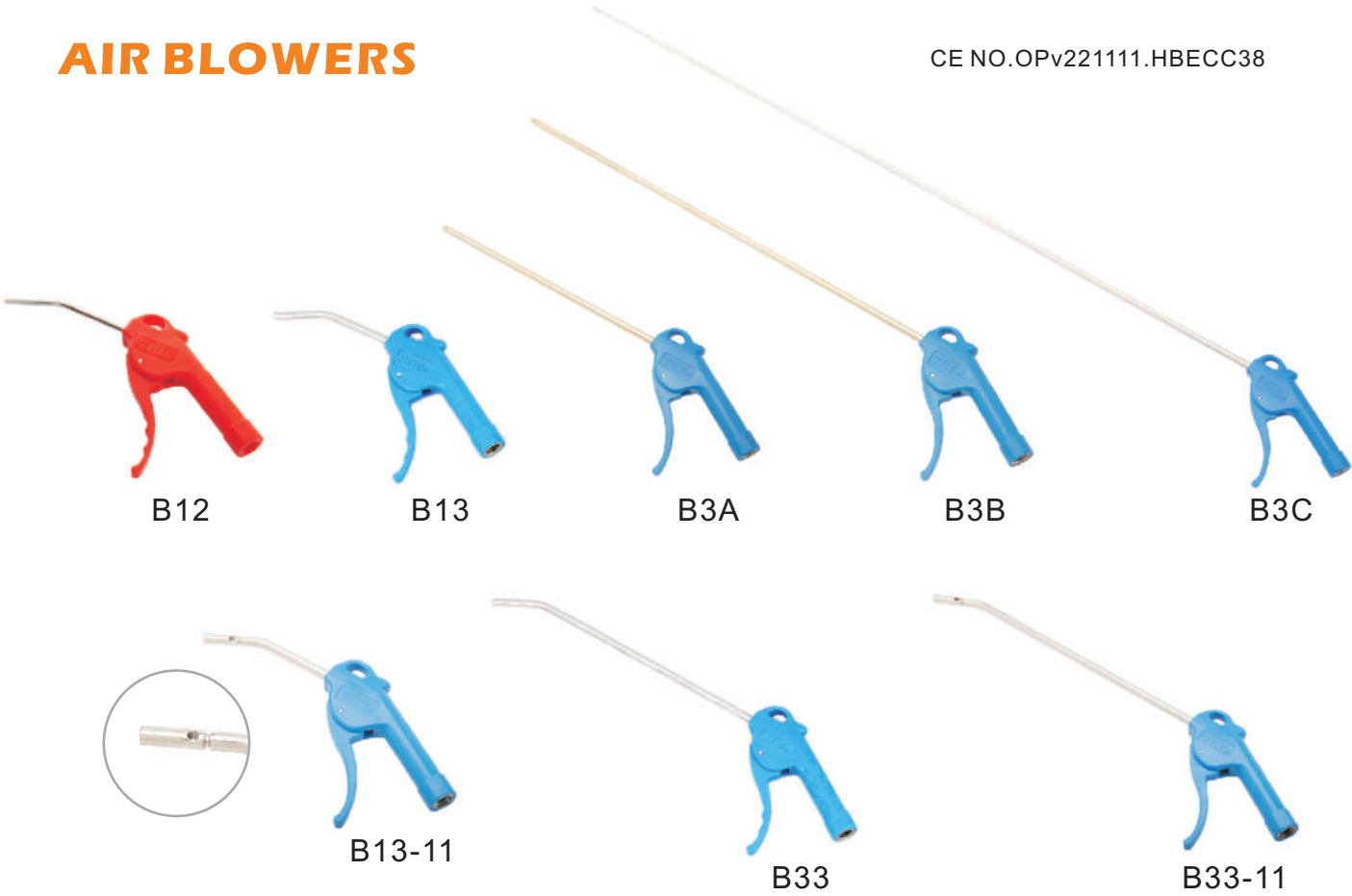
APPLICATIONS:

- 1.Truck
- 2.Car
- 3.Motorcycle
- 4.Bicycle Tire
- 5.Inflating Toys



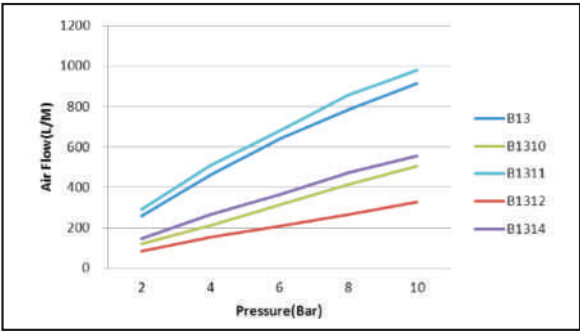
AIR BLOWERS

CE NO.OPv221111.HBECC38



SPECIFICATION :

Part No.	Color	Nozzle(O.D)	Nozzle Length(CM)/(inch)
B12	Red	6mm	10(4")
B30			27(10.6")
B13	Blue	8mm	10(4")
B33			27(10.6")
B31			38(15")
B34			48(18.9")
B32			76(30")
B39			100(39.4")
B13-11			10(4")
B33-11			27(10.6")



FEATURES :

- 1.With or without steel reinforced inlet
- 2.Light weight and easy operation
- 3.Body Material: POM
- 4.Port Size:1/4"(PT,NPT,G)
- 5.Max. Pressure:225PSI/15Bar/1.5MPa



B13-10

Universal Inflating Gun For Bicycles (OSHA)



B13-12

Low Noise Level Air Blow Gun (OSHA)



B13-14

Safety Air Blow Gun(OSHA)



B13-13

Inflating Air Blow Gun



B13-15

Rubber Nozzle Air Blow Gun



B35

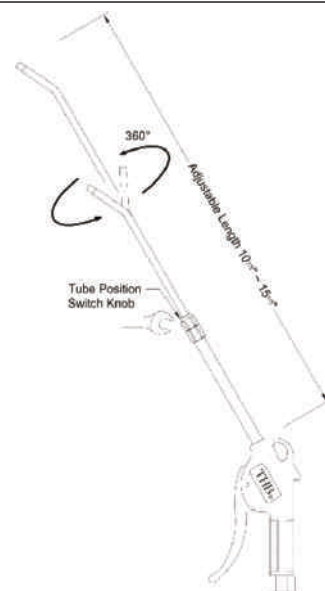
Extensible & Swivel-angle Blow Gun

SPECIFICATION :

Part No.	Color	Nozzle(O.D)	Nozzle Length(CM)/(inch)
B13-15	Blue	8mm	10(4")
B31-15			38(15")
B38-15			91(35.8")
B3A			25(9.8")
B3B			48(18.9")
B3C			100(39.4")
B13-10,12,13,14,15			8(3.1")
B33-10,12,13,14,15			25(9.8")
B34-10,12,13,14,15			47(18.5")

B35 Extensible & Swivel-angle Blow Gun

- Extensible Tube --
Twist the adjustable knob and lengthen the tube.
- Revolvable Angle --
Tube can rotate to 360 degree freely and be stopped by locking the knob at required direction for easily dusting and cleaning.
- Inlet With Metal Reinforcement.
- Application For Cleaning Machinery and Equipment.
- Adjustable from 10.63"(270mm) to 15.35"(390mm)



Part No.	Air Tool Accessories	Part No.	Air Tool Accessories
B21	 6" Dual Chuck	B23	 12" Air Chuck 3/8" hose size: 10x14mm Max pressure: 15Bar/230PSI/1.5Mpa
B29	 8" Dual Chuck (Normally Closed)	B233-AS1	 Ball Foot Chuck with 3/8" Hose Barb
B22	 12" Dual Chuck (Normally Closed)	B23-AS3	 Ball Foot Chuck 1/4" Female NPS
B22A	 12" Straight Dual Chuck (ISO 3894:2015 Method Support) (Normally Closed)	B23-AS4	 Ball Foot Chuck with 1/4" Japanese plug

Part No.	Air Tool Accessories	Part No.	Air Tool Accessories
B26	 Tire Gauge	B50-AS1	 Air Chuck
B27	 Tire Pressure Gauge 60PSI (2")	B502-AS1	 Air Chuck with 1/4" Hose Barb
B28-21	 6" Dual Chuck + 2" Gauge	B2A	 → American type → British type Air Chuck
B28-22A	 12" Dual Chuck + 2" Gauge	B2A-S10	 → American type → British type Air Chuck with 1/4" Japanese plug
B2B	 Air Chuck		→ France type → American type → British type

ADJUSTABLE HIGH FLOW AIR BLOWER

R.O.C. Patent NO.M439517
US Patent NO.US8844845



B80S

B80

B81

SPECIFICATION :

Type	B80	B81	B80S
Description			
Port Size(PT.NPT.G)	1/4"		
Max Pressure	232PSI / 16Bar / 1.6MPa		
Body Material	Nylon		
Nozzle Length	10cm(4")	36cm(14")	5cm(2")

FEATURES :

- 1.Can adjust the air flow from the adjustable screw on the body.
- 2.Meets or exceeds OSHA regulations.
- 3.Nylon body for high impact, durability and weather resistance.

ADJUSTABLE HIGH FLOW AIR BLOWER



B80A

Low Noise Level
Air Blow Gun (OSHA)



B80B

Centralized Nozzle
Air Blow Gun (OSHA)



B80C

High Flow Nozzle
Air Blow Gun (OSHA)



B80E

Rubber Nozzle
Air Blow Gun



B84A

Low Noise Level
Air Blow Gun (OSHA)



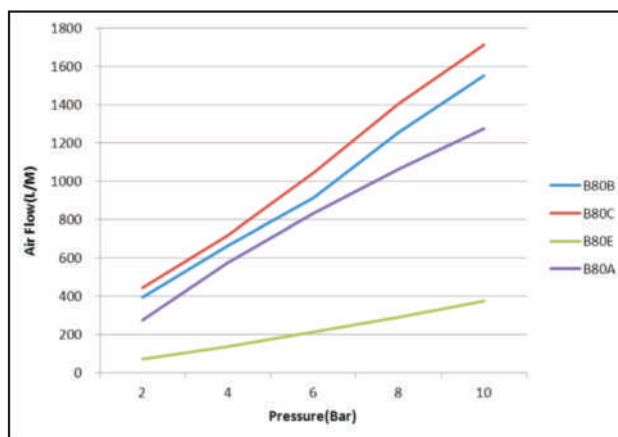
B84B

Centralized Nozzle
Air Blow Gun (OSHA)



B84C

High Flow Nozzle
Air Blow Gun (OSHA)



AIR BLOWERS

R.O.C. Patent NO.M461488
P.R.C. Patent NO.CN201320028497.9
CE NO.OPv221111.HBECC39



B90

B91

B93

SPECIFICATION :

Part No.	Port Size	Nozzle Length	Nozzle(O.D)	Max Pressure
B90	1/4" (PT,NPT,G)	5CM(2")	Φ8mm	213PSI (15Bar/1.5Mpa)
B91		25CM(9.8")		
B92		48CM(18.9")		
B93		12CM(4.7")		

FEATURES :

- 1.With metal reinforced inlet.
- 2.Light weight and durable.
- 3.High flow: The flow is higher than THB standard air blower >1200L/M@150PSI
- 4.Long life time: It is up-down type vavle structure design and it can reduce the wear of spring. Therefore, the life time can be longer.

AIR BLOWERS



B90C-07

Low Noise Level
Air Blow Gun (OSHA)



B90C-12

Centralized Nozzle
Air Blow Gun (OSHA)



B90C-14

Adjustable Nozzle
Air Blow Gun (OSHA)



B90C-20

High Flow Nozzle
Air Blow Gun (OSHA)



B90B-24

3 Inch Nylon Tip
Air Blow Gun



B90B-25

Safety Booster Tip
Air Blow Gun



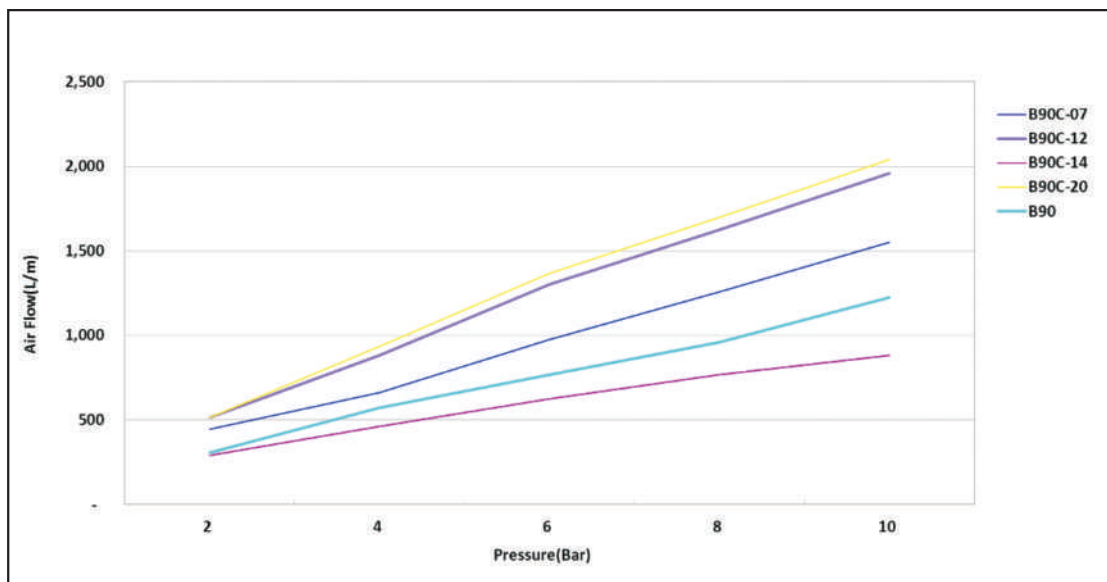
B90B-26

Air Screen Tip
Air Blow Gun



B90E

Rubber Nozzle
Air Blow Gun



High Flow Air Blower CE NO.OPv230103.HBE0031



B61

B60



B60L AS1 Low Noise Nozzle



B60-AS1 Noise Reduction Nozzle



B60A-AS1 Adjustable Nozzle



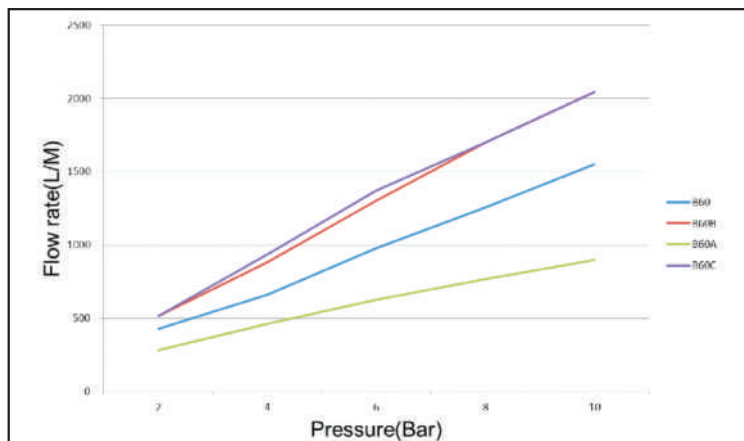
B6012 Centralized Nozzle



B6020 High Flow Nozzle

SPECIFICATION :

Part No.	Port Size	Steel Tube Length	Max Working Pressure
B60	3/8" (PT,NPT,G)		16 Bar (232PSI/1.6MPa)
B61		25CM(10")	
B62		90.7CM(36")	
B63		121CM(48")	
B64		14.5CM(6")	
B60N12		29.7CM(12")	
B60N18		45CM(18")	
B60N24		60.2CM(24")	



FEATURES :

1. Different length nozzles for different purpose.
2. Aluminum body: light weight and durable.
3. Maximum flow for easy clean-up and blow off of even the heaviest shavings and chips.
4. Meets or exceeds OSHA regulations.



B60

Noise Reduction Nozzle
Air Blow Gun(OSHA)



B60A

Adjustable Nozzle
Air Blow Gun (OSHA)



B60B

Centralized Nozzle
Air Blow Gun(OSHA)



B60C

High Flow Nozzle
Air Blow Gun(OSHA)



B62

High Flow Extension Air Blow Gun

HIGH PRESSURE AIR BLOWER

R.O.C. Patent NO.D175011
CE NO.OPv220906.HBEQT13



BG20

SPECIFICATION :

Description	Type	BG20HA	BG20	BG20A	BG20B	BG20C	BG21
Port Size		1/4" G					
Max.Working Pressure		363PSI / 25Bar / 2.5MPa					
Body Material		ALUMINUM					
OSHA STD 1-13.1 (MAX30PSI)		OK					
Steel Tube Length							10CM

FEATURES :

1. Aluminum body for light weight and durable.
2. Various nozzles are available
3. 25 bar high pressure type for superior efficiency and lower air consumption.
4. Upper or Lower Inlet port design
5. Meets OSHA regulations.



BG20

Centralized Nozzle
Air Blow Gun (OSHA)



BG20A

Adjustable Nozzle
Air Blow Gun (OSHA)



BG20B

Low Noise Level
Air Blow Gun (OSHA)



BG20C

High Flow Nozzle
Air Blow Gun (OSHA)



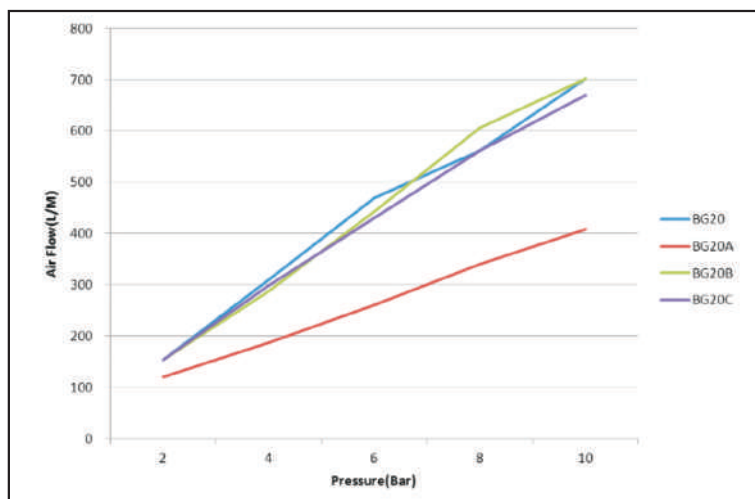
BG21

Rubber Nozzle
Air Blow Gun



BG22

Adjustable Nozzle + Rubber Nozzle
+ Safety Nozzle Air Blow Gun Set



AIR BLOWERS



BG01-13
Inflating Air Blow Gun



BG01-14
Safety Air Blow Gun(OSHA)



BG01-22
Rubber Tip Air Blow Gun



BG01-25
Brass Tip Air Blow Gun



BG01-27
Tamperproof Nozzle
Safety Air Blow Gun(OSHA)



BG01-29
High Volume Safety
Air Blow Gun (OSHA)



BG01-31
Safety Booster
Air Blow Gun (OSHA)

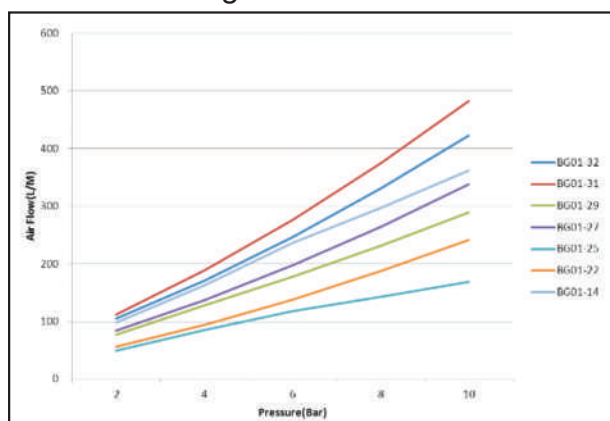


BG01-32
High Flow Safety
Air Blow Gun(OSHA)

- Air Intake Thread : 1/4"(PT,NPT)
- Maximum Pressure : 200 PSI / 14Bar / 1.4MPa

SPECIFICATION :

1. Various tips and extensions provide diversified functions.
2. Completed nozzle range for more options.
3. Meets or exceeds OSHA regulations.





B08



B08-60



B0814-Safety Nozzle



B0822-AS1-Rubber Tip



B0821-Adapters



B0813-Inflation Needle



B0828-AS1-Needle Tip



B0820-Tapered Inflator



B0829-AS1-Needle Tip



B0830-AS1-Needle Tip



B0831-AS1-Needle Tip



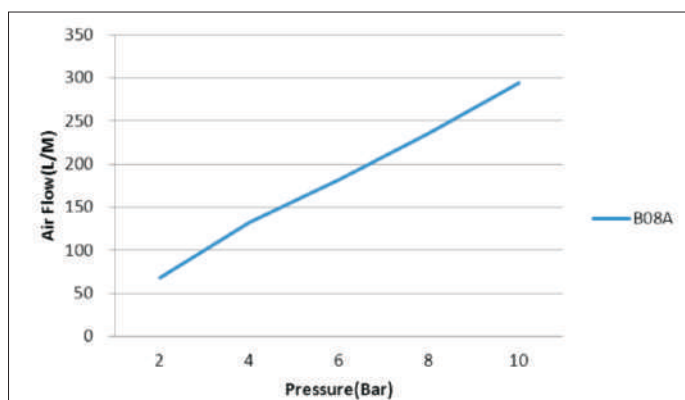
B0832-AS1-Needle Tip

SPECIFICATION :

Part No.	Port Size(PT.NPT.G)	Nozzle Length(CM)	Max Pressure
B08	1/4"	With different type nozzle	200PSI (14Bar/1.4MPa)
B08-60		60CM(23.6")	
B08-120		120CM(47")	
B08-12		12CM(4.7")	

FEATURES :

1. Various tips and extensions provide diversified functions.
2. Completed nozzle range for more options.
3. Meets or exceeds OSHA regulations.



Adjustable pocket blower

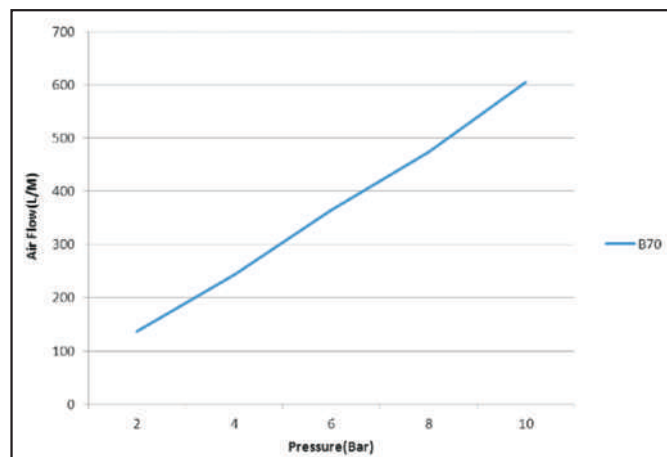


SPECIFICATION :

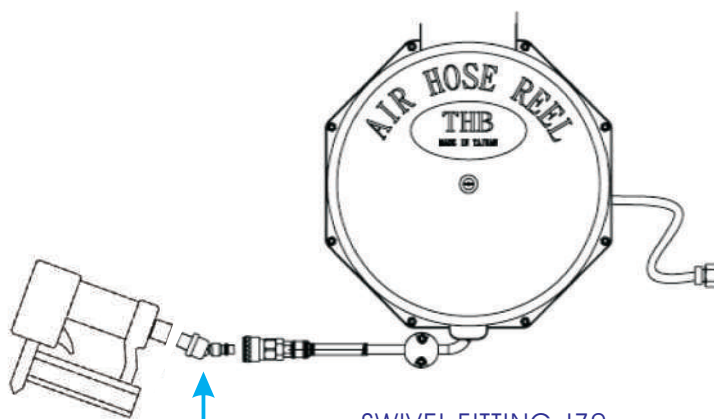
Body Material	Aluminum
Max Input Pressure	150PSI / 10Bar / 1MPa
Max Output Pressure	90PSI / 6.2Bar / 0.62MPa
Max Input Air Flow	450 L/m @10 Bar
Temp. Range	-20°C~+80°C

FEATURES :

1. Light weight and easy operation.
2. Pencil style design - easily carrying.
3. With or without rubber tip.

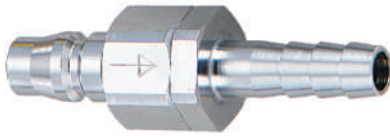
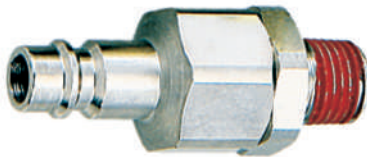


Swivel Fitting	Part No.	Description
	J702	1/4" Japanese Type Plug + 1/4" PT Male
	J703	1/4" Japanese Type Plug + 3/8" PT Male
	J702N	1/4" Industrial Type Plug + 1/4" NPT Male
	J703N	1/4" Industrial Type Plug + 3/8" NPT Male
	J702G	1/4" European Type Plug + 1/4" G Male
	J703G	1/4" European Type Plug + 3/8" G Male
	J702NF	1/4" NPT Female + 1/4" NPT Male
	J702F	1/4" PT Female + 1/4" PT Male
	J712	1/4" Japanese Type Plug + 1/4" PT Female
	J713	1/4" Japanese Type Plug + 3/8" PT Female
	J712G	1/4" European Type Plug + 1/4" G Female
	J713G	1/4" European Type Plug + 3/8" G Female
Working Pressure	175PSI(12Bar/1.2MPa)	
Max Pressure	218PSI(15Bar/1.5MPa)	
Material	Steel	



SWIVEL FITTING J70

The ball swivel function can make it rotate to any direction.
It is lightweight and durable.
Variety fitting types for different application.

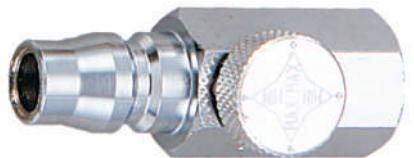
Safety Fitting	Part No.	Size	Description
	VP20PH	1/4"	Japanese Type Hose Purge Plug
	VP25PH	5/16"	
	VP30PH	3/8"	
	VP40PH	1 /2"	
	VP30PM	3/8"PT	Japanese Type Male Purge Plug
	VP20PH-S31	1/4"	European Type Hose Purge Plug
	VP25PH-S31	5/16"	
	VP30PH-S31	3/8"	
	VP40PH-S31	1 /2"	
	VP20PM-S31	1/4"	European Type Male Purge Plug
	VP30PM-S31	3/8"	
Working Pressure	218PSI(15Bar/1.5MPa)		
Max Pressure	290PSI(20Bar/2MPa)		
Material	Steel		

FEATURES :

- 1.The unique pressure release design can release remain pressure quietly and safely.
- 2.No rebound.
- 3.Low noise level.



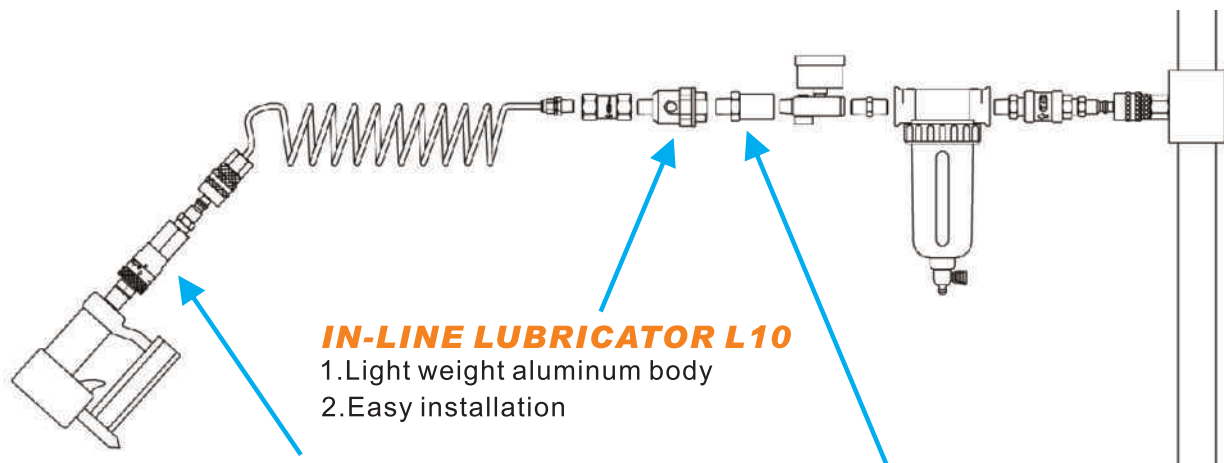
AIR FLOW VALVE & CONNECTOR

Air Flow Valve & Connector	Part No.	Description	Size
	V502	Air Flow Valve Max pressures 230PSI(15Bar/1.5Mpa)	1/4" PT
	V502G		1/4" G
	V502N		1/4" NPT
	V512	Air Flow Valve With Gauge Max pressures 230PSI(15Bar/1.5Mpa)	1/4" PT
	V512N		1/4" NPT
	V52-20PMA	Air Flow Valve With Japanese Type Plug Max pressures 230PSI(15Bar/1.5Mpa)	1/4" PT Male
	V52-20PFA	Air Flow Valve With Japanese Type Plug Max pressures 230PSI(15Bar/1.5Mpa)	1/4" PT Female
	V202	Swivel Connector Max pressures 150PSI(10Bar/1Mpa)	1/4" PT
	V202N		1/4" NPT
	V213		3/8" PT
	V213N		3/8" NPT
	V222		1/4" PT

IN-LINE F.R.L

R.O.C. PATENT NO.M514530(R07)
R.O.C. PATENT NO.M437406(RA07)

IN-LINE F.R.L	Part No.	Description	Size
	F102	In-Line Filter Max pressure 300PSI(21Bar/2.1MPa) Filter Element: 40u	1/4" PT
	F102N		1/4" NPT
	F103		3/8" PT
	F103N		3/8" NPT
	R072-43	Preset In-Line Regulator Input Max Pressure:16 Bar Output Pressure:3, 3.5, 6, 6.5, 8Bar	1/4" PT/NPT/G
	R072-87		
	R072-94		
	R072-116		
	RA072-3	Adjustable In-Line Regulator Input Pressure: 10Bar Output Pressure: 1~3 /3~6 /6~8 Bar	1/4" PT/NPT/G
	RA072-6		
	RA072-8		
	L102	In-Line Lubricator Max Pressure 150PSI(10Bar/1MPa) The Capacity of oil can: 5.5 c.c.	1/4" PT / NPT / G



IN-LINE LUBRICATOR L10

- 1.Light weight aluminum body
- 2.Easy installation

IN-LINE REGULATOR R07

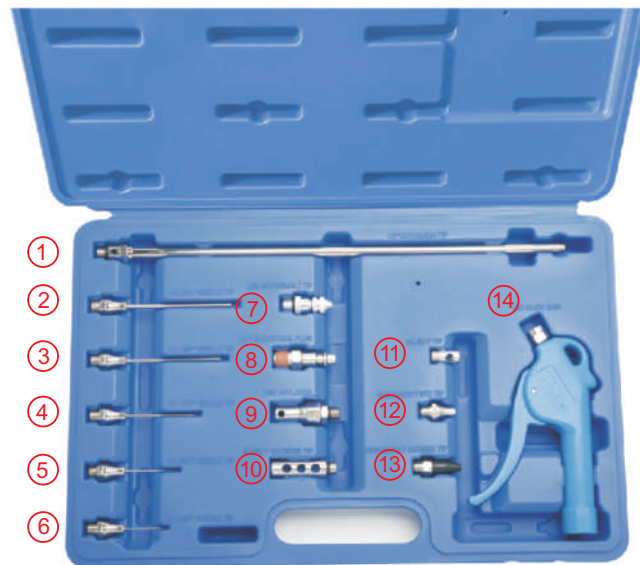
- 1.Ensure optimal air tool efficiency by supplying a constant pre-set pressure to the tool.
- 2.Light weight, small and compact size.
- 3.Increase tool service life.

ADJUSTABLE IN-LINE REGULATOR RA07

- 1.User can adjust the output pressure for variety application.
- 2.Light weight, compact size.
- 3.Increase air tool life time.

IN-LINE FILTER F10

- 1.It can be connected with air tools directly. Easy installation.
- 2.Light weight aluminum body.

B13-KIT14-THB**B13-KIT14-THB****FEATURES :**

1. Bundle with air tools or air compressor unit as gift set to add value
2. Port size: 1/4" (PT,NPT,G)
3. Max. Pressure: 175Psi (12Bar/ 1.2Mpa)
4. Contents:

- | | |
|-----------------------------------|---------------------------|
| (1) 12" Extension tip (OSHA) | |
| (2) B0832-AS1 | φ 0.134" Needle Tip |
| (3) B0831-AS1 | φ 0.095" Needle Tip |
| (4) B0830-AS1 | φ 0.072" Needle Tip |
| (5) B0829-AS1 | φ 0.050" Needle Tip |
| (6) B0828-AS1 | φ 0.040" Needle Tip |
| (7) B08-AS1-03 | Air Adjustable Tip |
| (8) 20PMA-09 | 1/4" Male Plug |
| (9) B08-AS2 | Tire Inflator |
| (10) BG0131 | Safety booster Tip (OSHA) |
| (11) B0814 | Safety tip (OSHA) |
| (12) B0822 | Standard Tip |
| (13) B0822-AS1 | Rubber Tip |
| (14) 1/4" (PT,NPT,G) Air blow gun | |

STRAIGHT PU HOSE : Metric Units

Part No.	I.D(mm)	O.D(mm)	Length	Temperature	Working Pressure at 23 °C(73.4 °F)
HUS2504	2.5	4	200M	-20 °C ~ 60 °C (-5 °F ~ +140 °F)	150PSI (10Bar/1MPa)
HUS0406	4	6	200M		
HUS0508	5	8	100M		
HUS6510	6.5	10	100M		
HUS0812	8	12	100M		135PSI(9Bar/0.9MPa)
HUS95135	9.5	13.5	50M		
HUS1014	10	14	50M		100PSI (7Bar/0.7MPa)
HUS1216	12	16	50M		
HUS1319	13	19	50M		

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length	Temperature	Working Pressure at 23 °C(73.4 °F)
HUS104160	1/4"	0.16"	100	-20 °C ~ 60 °C (-5 °F ~ +140 °F)	150PSI(10Bar/1MPa)
HUS516187	5/16"	0.187"	100		135PSI (9Bar/0.9MPa)
HUS308250	3/8"	0.25"	50		
HUS102320	1/ 2"	0.32"	50		
HUS916375	9/16"	0.375"	50		

Standard Color: ●RD ●OR ●YL ●GN ●BS ●BK ○CL

FEATURES :

1. Super mechanical strength and excellent abrasive resistance
2. Superior heat and cold resistance
3. Oil resistance
4. Light weight
5. Could accept custom-made
(Packing, or Length and can connect with different fitting or coupler.)
6. Meet the international norms : ISO 14743 , ISO 14746



RECOIL PU HOSE : Metric Units

Part No.	I.D (mm)	O.D (mm)	Length	Temperature	Working Pressure at 23°C(73.4°F)
HUR2504	2.5	4	5M 10M 15M	-20°C~ 60°C (-5°F~ +140°F)	150PSI (10Bar/1MPa)
HUR0406	4	6			
HUR0508	5	8			
HUR6510	6.5	10			135PSI(9Bar/0.9MPa)
HUR0812	8	12			
HUR95135	9.5	13.5			
HUR1014	10	14			100PSI (7Bar/0.7MPa)
HUR1216	12	16			
HUR1319	13	19			

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(FT)	Temperature	Working Pressure at 23°C(73.4°F)
HUR104160	1/4"	0.16"	15/25/50	-20°C~ 60°C (-5°F~ +140°F)	150PSI(10Bar/1MPa)
HUR516187	5/16"	0.187"	15/25/50		135PSI (9Bar/0.9MPa)
HUR308250	3/8"	0.25"	15/25/50		
HUR102320	1/ 2"	0.32"	15/25/50		
HUR916375	9/16"	0.375"	15/25/50		

Standard Color : ●RD ●OR ●YL ●GN ●BS ●BK ○CL

FEATURES :

1. Super mechanical strength and excellent abrasive resistance
2. Superior heat and cold resistance
3. Oil resistance
4. Light weight
5. Could accept custom-made
6. Meet the international norms : ISO / TS 11619



PU BRAID AIR HOSE

Metric Units

Part No.	I.D(mm)	O.D(mm)	Length	Temperature	Working Pressure at 23 °C(73.4 °F)
HUB0508	5	8	100M	-20 °C ~ 60 °C (-5 °F ~ +140 °F)	175PSI(12Bar/1.2MPa)
HUB6510	6.5	10	100M		200PSI (14Bar/1.4MPa)
HUB0812	8	12	100M		
HUB95135	9.5	13.5	50M		
HUB1014	10	14	50M		
HUB1116	11	16	50M		
HUB1318	13	18	50M		

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(M)	Temperature	Working Pressure at 23 °C(73.4 °F)
HUB516187	5/16	0.187	100	-20 °C ~ 60 °C (-5 °F ~ +140 °F)	200PSI (14Bar/1.4MPa)
HUB308250	3/8	0.25	100		
HUB102320	1/2	0.32	100		
HUB916375	9/16	0.375	50/100		
HUB4564500	45/64	0.5	50		

FEATURES :

1. Lighter weight
2. High flexibility even under 0 °C
3. High durability
4. Could accept custom-made
(Packing, or Length and can connect with different fitting or coupler.)
5. Meet the international norms : ISO 11619



RECOIL PU BRAID AIR HOSE

Metric Units

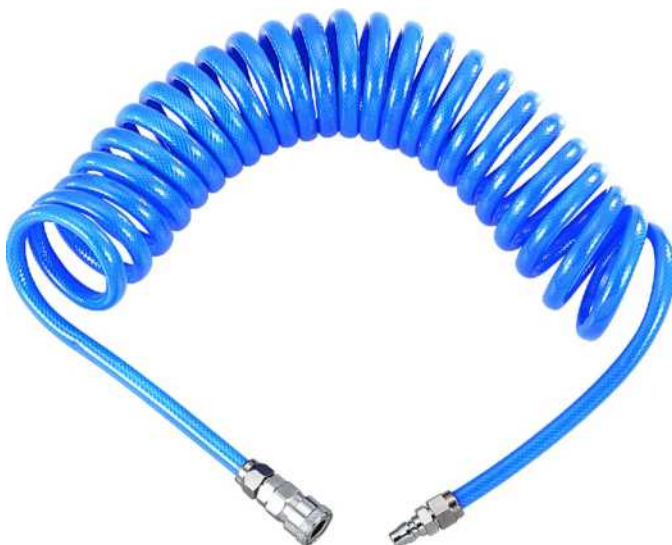
Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure at 23°C(73.4°F)
HUBR0508	5	8	5/10/15	-20°C~ 60°C (-5°F~+140°F)	175PSI(12Bar/1.2MPa)
HUBR6510	6.5	10			200PSI (14Bar/1.4MPa)
HUBR0812	8	12			
HUBR95135	9	13.5			
HUBR1014	10	14			
HUBR1116	11	16			

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(FT)	Temperature	Working Pressure at 23°C(73.4°F)
HUBR516187	5/16"	0.187	15/20/50	-20°C~ 60°C (-5°F~ +140°F)	200PSI (14Bar/1.4MPa)
HUBR308250	3/8"	0.25			
HUBR102320	1/2"	0.32			
HUBR916375	9/16"	0.375			

FEATURES :

1. Lighter weight
2. High flexibility even under 0°C
3. High durability
4. Could accept custom-made
(Packing, or length and can connect with different fitting or coupler)



STRAIGHT PU/PU TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HUM2504	2.5	4	100	-20°C~ 60°C (-5°F~ +140°F)	150PSI (10Bar/1MPa)
HUM0406	4	6	100		
HUM0508	5	8	50		
HUM6510	6.5	10	50		
HUM0812	8	12	50		135PSI(9Bar/0.9MPa)

STRAIGHT PU/PU BRAID TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HBM0508	5	8	50	-20°C~ 60°C (-5°F~ +140°F)	150PSI (10Bar/1MPa)
HBM6510	6.5	10	50		
HBM0812	8	12	50		135PSI(9Bar/0.9MPa)

STRAIGHT PU BRAID/PU BRAID TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HBBM0508	5	8	50	-20°C~ 60°C (-5°F~ +140°F)	200 PSI (14Bar/1.4MPa)
HBBM6510	6.5	10	50		
HBBM0812	8	12	50		

FEATURES :

1. Different size & colors are available
2. PU braid hose for high pressure air, PU air hose for water based paint
3. Uniweld hose can save space and prevent knot issue
4. Twin hose can be identified and managed easily
5. Meet the international norms : ISO 14743



RECOIL PU/PU TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HUMR2504	2.5	4	5	-20°C ~ 60°C (-5°F ~ +140°F)	150PSI (10Bar/1MPa)
HUMR0406	4	6	5		
HUMR0508	5	8	5		
HUMR6510	6.5	10	10		
HUMR0812	8	12	15		135PSI(9Bar/0.9MPa)

RECOIL PU/PU BRAID TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HBMR2504	2.5	4	5 10 15	-20°C ~ 60°C (-5°F ~ +140°F)	150PSI (10Bar/1MPa)
HBMR0406	4	6			
HBMR0508	5	8			
HBMR6510	6.5	10			
HBMR0812	8	12			135PSI(9Bar/0.9MPa)

RECOIL PU BRAID/PU BRAID TWIN HOSE

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure
HBBMR0508	5	8	5	-20°C ~ 60°C (-5°F ~ +140°F)	200 PSI (14Bar/1.4MPa)
HBBMR6510	6.5	10	10		
HBBMR0812	8	12	15		

FEATURES :

1. Different size & colors are available
2. PU braid hose for high pressure air, PU air hose for water based paint
3. Uniweld hose can save space and prevent knot issue
4. Twin hose can be identified and managed easily



NYLON HOSE (NYLON 6)/Straight Hose

Metric Units

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure at 23 °C(73.4 °F)
HNS2504	2.5	4	200	-40 °C~+80 °C (-40 °F ~ +176 °F)	500PSI(34Bar/3.4MPa)
HNS0406	4	6	100		
HNS0608	6	8	100		340PSI(23Bar/2.3MPa)
HNS0810	8	10	100		300PSI(21Bar/2.1MPa)
HNS0912	9	12	100		300PSI(21Bar/2.1MPa)

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(M)	Temperature	Working Pressure at 23 °C(73.4 °F)
HNS104180	1/4	0.18	100	-40 °C~+80 °C (-40 °F ~ +176 °F)	386PSI(26Bar/2.6MPa)
HNS508500	5/8	0.5	100		225PSI(15Bar/1.5MPa)
HNS308275	3/8	0.275	100		353PSI(24Bar/2.4MPa)
HNS102375	1/ 2	0.375	100		382PSI(26Bar/2.6MPa)

NYLON HOSE (NYLON 6)/Recoil Hose

Metric Units

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure at 23 °C(73.4 °F)
HNR0406	4	6	7.5/15	-40 °C~+80 °C (-40 °F ~ +176 °F)	300PSI (21Bar/2.1MPa)
HNR0608	6	8			
HNR7510	7.5	10			
HNR0912	9	12			

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(FT)	Temperature	Working Pressure at 23 °C(73.4 °F)
HNR104180	1/4	0.18	25/50	-40 °C~+80 °C (-40 °F ~ +176 °F)	300PSI (21Bar/2.1MPa)
HNR308275	3/8	0.275			
HNR102375	1/ 2	0.375			

FEATURES :

- 1.Light weight and permanently coiled.
- 2.Quality nylon formulation resists moisture absorption and abrasion.
- 3.Each assembly is supplied with durable brass compression fittings, tube inserts and hose Ferrules.
- 4.Material: Nylon6
- 5.Meet the international norms : ISO 14743



NYLON HOSE (NYLON 12)/Straight Hose

Metric Units

Part No.	O.D(mm)	I.D(mm)	Length(M)	Temperature	Working Pressure at 23°C(73.4°F)
HAS2504	4	2.5	200	-40°C~+110°C (-40°F~+230°F)	500PSI(34Bar/3.4MPa)
HAS0406	6	4	100		
HAS0608	8	6	100		300PSI(21Bar/2.1MPa)
HAS0810	10	8	100		300PSI(21Bar/2.1MPa)
HAS0912	12	9	100		300PSI(21Bar/2.1MPa)

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(M)	Temperature	Working Pressure at 23°C(73.4°F)
HAS104180	1/4	0.18	100	-40°C~+110°C (-40°F~+230°F)	386PSI(26Bar/2.6MPa)
HAS508500	5/8	0.5	100		225PSI(15Bar/1.5MPa)
HAS308275	3/8	0.275	100		353PSI(24Bar/2.4MPa)
HAS102375	1/2	0.375	100		382PSI(26Bar/2.6MPa)

NYLON HOSE (NYLON 12)/Recoil Hose

Metric Units

Part No.	I.D(mm)	O.D(mm)	Length(M)	Temperature	Working Pressure at 23°C(73.4°F)
HAR0406	4	6	7.5/15	-40°C~+110°C (-40°F~+230°F)	300PSI (21Bar/2.1MPa)
HAR0608	6	8	7.5/15		
HAR7510	7.5	10	7.5/15		
HAR0912	9	12	7.5/15		

Imperial Units

Part No.	O.D(inch)	I.D(inch)	Length(FT)	Temperature	Working Pressure at 23°C(73.4°F)
HAR104180	1/4	0.18	25/50	-40°C~+110°C (-40°F~+230°F)	300PSI (21Bar/2.1MPa)
HAR308275	3/8	0.275	25/50		
HAR102375	1/2	0.375	25/50		

Nylon hose 12 has excellent resistance to liquid and chemicals absorbing. It is suitable for fuel line pipe, oil pipeline, tank tube, olein line, air control, outfall pipe and brake control, etc....

FEATURES :

1. Excellent dimension stability
2. Superior heat and cold resistance
3. Lighter proportion
4. Excellent resistance to kinds of chemicals and liquids
5. Highly resistance to impact resilience in low temperature
6. Excellent durability
7. Low penetrability
8. Meet the international norms : ISO 14743



PAINT HOSE

PAINTING TWIN HOSE:

STRAIGHT PU COVER PA6 / PU BRAID TWIN HOSE

Part No.	Hose	O.D(mm)	I.D(mm)	Length(M)	Temperature	Working Pressure
HNBM0865	Air	10	6.5	50	-20°C~ 60°C	150 PSI
	Painting	11	8			

FEATURES :

1. Different size & colors are available
2. PU braid hose for high pressure air , PU air hose for water based paint, PU cover nylon6 hose for oily paint
3. Twin hose can be identified and managed easily



HOSE OF AIR BRUSH

SPECIFICATION :

Part No.	O.D (mm)	I.D (mm)	Temperature	Working Pressure
HUS2504-M5	4	2.5	-20°C~ 60°C	51PSI (3.5Bar/0.35MPa)

1. For Air Brush.
2. M5 Fitting.



Photo is for reference only.



PREMIUM HYBRID POLYMER BLEND AIR HOSE

Part No.	I.D(mm)	O.D(mm)	Temperature	Working Pressure at 23 °C (73.4 °F)
HYB65107-BD	6.5	10.7	-40 °C ~ 60 °C	300 PSI (20.7 Bar / 2.07 MPa)
HYB0812-BD	8	12		
HYB97155-BD	9.7	15.5		
HYB12720-BD	12.7	20		

FEATURES :

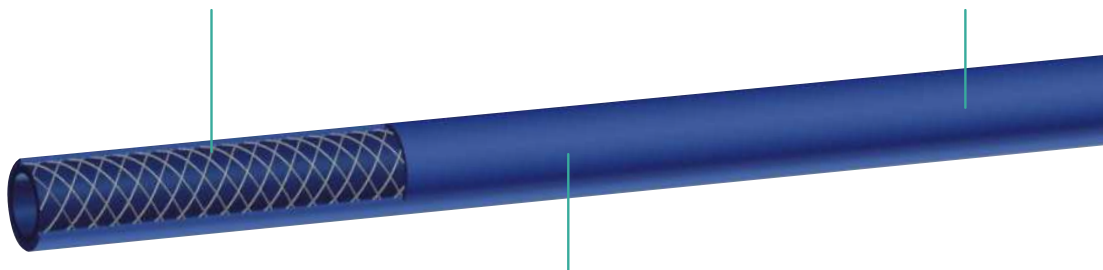
Low temperature against to -40 °C

High flexible & High elastic

Provides the ultimate in flexibility and memory resistance even under extreme cold temperatures. Offers the best combination of strength and flexibility in the market.

• **HEAVY DUTY REINFORCEMENT**

• **LIGHT, FLEXIBLE ELASTICITY BEST**



• **PVC CONSTRUCTION**



NYLON 12 AIR RECOIL HOSE



Standard Color : ●BD ●BK ●RD ●YL
Working Temperature :-40°C~80°C

SPECIFICATION :

Part No.	O.D (mm)	I.D (mm)	Length (M)	Working Length(M)	Number of turns	Straight (mm)	Working Pressure
HAR091207-M16*1.5	12	9	7	4.5	22	200	181PSI (12.5Bar/1.25MPa)
HAR091207-M22*1.5							
HAR091207-1/2"PT							
HAR091285-M16*1.5			8.5	5.5	27		
HAR091285-M22*1.5							
HAR091285-1/2"PT							

FEATURES :

- 1.100% Nylon 12 construction
- 2.UV Stabilized
- 3.Available in standard and custom colors
- 4.Meet DIN 74323 / DIN 73378 / ISO 7375 / ISO 7628 / SAE J844 specifications

APPLICATION :

- 1.Truck Air Brake Systems
- 2.Trailer Air Brake Systems
- 3.Auxiliary Air Systems

COOLING SYSTEM



SPECIFICATION :

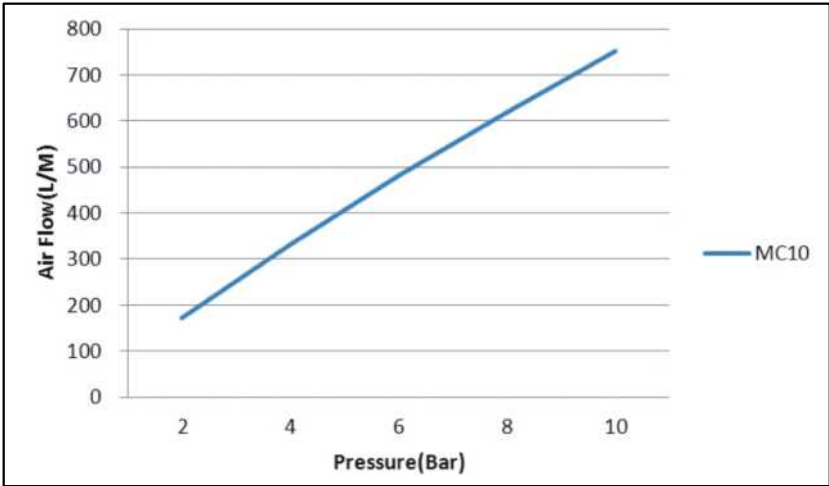
Description	Part No.	MC10
Medium		Air
Material		Brass
Port Size (PT,NPT)		1/4"
Input Pressure		0~145PSI / 0~10Bar / 0~1.0Mpa
Output Pressure		0~30PSI / 0~2Bar / 0~0.2Mpa
Temperture Range		-20 °C~ 80 °C (No freezing)
Gauge Port (PT,NPT)		1/8"
Nozzle Length		60cm (23.6")

FEATURES :

- 1. Pressure tester to check leakage
- 2. Regulates air pressure to test and locate cooling system leaks
- 3. Quick connector works on nearly all brands of cooling system testing caps and adapters
- 4. Gauge displays the common pressure levels for different cooling systems and regulates up to a max of 30PSI to prevent damage

APPLICATION

- 1. Car cooling system
- 2. Leakage tester



AIR HOSE

GLAD HAND AIR HOSE



SPECIFICATION

Part No.	HYB081215-BD-V60
Valve Type	Aluminum alloy (1/2"NPT)
Hose Length	15M (8*12mm hybrid hose)
Dual Chuck	12" Straight
	(ISO 3894:2015 Method Support)
Max. Working Pressure	300PSI / 20.6Bar / 2.06Mpa
Medium	Non-corrosive Air
Temperature Range	-40°C~60°C

FEATURES :

1. Combined with dual chuck
2. Glad hand connection included
3. Low temperature against & easy to operate
4. Convenient for inflate tires

APPLICATIONS:

Truck with glad hand equipment

HOSE ACCESSORIES

Japanese Style Regulator Type Swivel Socket	Part No.	I.D (mm)	O.D (mm)
	20SRA	5	8
	30SRA	6.5	10
	40SRA	8	12

Japanese Style One Touch Swivel Socket	Part No.	I.D (mm)	O.D (mm)
	20SRT	5	8
	30SRT	6.5	10
	40SRT	8	12

American Type Swivel Socket	Part No.	I.D (mm)	O.D (mm)
	S29-20SRA	5	8
	S29-30SRA	6.5	10
	S29-40SRA	8	12

European Type Swivel Socket	Part No.	I.D (mm)	O.D (mm)
	S31-20SRA	5	8
	S31-30SRA	6.5	10
	S31-40SRA	8	12

Japanese Style-Plastic Quick Coupler	Part No.	Hose O.D (mm)
	S1A-20SP	8
	S1A-30SP	10
	S1A-40SP	12

Bend Restrictors	Part No.	Hose O.D (mm)
	HUP21-BU	8
	HUP31-BU	10
	HUP41-BU	12

Hose Clamp	Part No.	I.D (mm)	O.D (mm)
	JC02	7/32"	5/8"
	JC03	5/16"	3/4"
	JC04	5/16"	7/8"

Cover	Part No.	Hose O.D (mm)
	PSH58A	8
	PSH610A	10
	PSH812A	12

Male Connector	Part No.	I.D (mm)	O.D (mm)
	JO2M02PA	5	8
	JO2M03PA	6.5	10
	JO2M04PA	8	12

Swivel Connector	Part No.	I.D (mm)	O.D (mm)
	J622	5	8
	J623	6.5	10
	J624	8	12
	J611	4	6

Male Nipple	Female Adaptor	Male Hose Barb	Hose Fitting
			
Pipe Bushing	Reducing Adaptor	Female Hose Barb	
			

ORDER INFORMATION

J	02	M	02	M	G
Adapter	Size	Style	Size	Style	Tread Type
	02 1/4"	M Male	02 1/4"	M Male	PT
	03 3/8"		03 3/8"		
	04 1/2"	F Female	04 1/2"	F Female	N NPT
	06 3/4"		06 3/4"		
	25 5/16"	H Hose	25 5/16"	H Hose	G G

AIR HOSE REEL

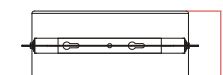


AIR HOSE REEL IN PLASTIC CASE

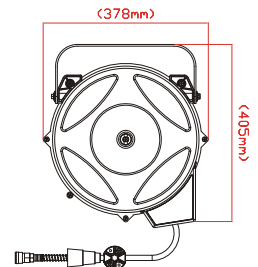
Part NO.	Hose Size (mm)	Hose Size (inch)	Length (FT/M)	Hose
HR01050812U	5x8	3/16"	40/12	PU Braid Hose
HR01651010U	6.5x10	1/4"	32/10	PU Braid Hose
HR01081208U	8x12	5/16"	26/8	PU Braid Hose



HR07



HR09



AIR HOSE REEL IN STEEL CASE



Part NO.	Hose Size (mm)	Hose Size (inch)	Length (FT/M)	Hose
HR070250U	6.5x10	1/4"	50/15	PU Braid Hose
HR072550U	8x12	5/16"	50/15	PU Braid Hose
HR070350U	9.5x13.5	3/8"	50/15	PU Braid Hose
HR072550UYB	8x12		50/15	Hybrid Hose
HR090260U	6.5x10	1/4"	60/18	PU Braid Hose
HR090265U	6.5x10	1/4"	65/20	PU Braid Hose
HR092560U	8x12	5/16"	60/18	PU Braid Hose
HR092565U	8x12	5/16"	65/20	PU Braid Hose
HR090360U	9.5x13.5	3/8"	60/18	PU Braid Hose
HR090365U	9.5x13.5	3/8"	65/20	PU Braid Hose
HR092560UYB	8x12		60/18	Hybrid Hose

FEATURES :

1. Steel case increases durability.
2. Easily installing on the wall or the ceiling.
3. Installed reel can rotate within 190°.
4. Spring with good quality & strength roll back quickly & efficiently without fatigue.
5. Rolling dual test: 30,000 times
6. Designed 2 holes on the hand bar easily to fix for firm installation.
7. Hose color: blue

AIR HOSE REEL



HAND CRANK HOSE REEL (PU BRAID)

Part NO.	Hose Size	Length (M)	Hose Color	Hose
HR0608 1230U-BD	8x12mm	30	Blue	PU Braid Hose
HR0665 1030U-BD	6.5x10mm	30	Blue	PU Braid Hose
HR068512530U-BD	8.5x12.5mm	30	Blue	PU Braid Hose
HR069513530U-BD	9.5x13.5mm	30	Blue	PU Braid Hose
HR06101420U-BD	10x14mm	20	Blue	PU Braid Hose



HAND CRANK HOSE REEL (HRBRID HOSE)

Part NO.	Hose Size	Length (M)	Hose Color	Hose
HR06081230YB-BD	8x12mm	30	Blue	Hybrid Hose
HR061116YB-BD	11x16mm	20	Blue	Hybrid Hose



HAND CRANK HOSE REEL (PU BRAID)

Part NO.	Hose Size (inch)	Length (FT/M)	Hose Color	Hose
HR082530U	5/16"	100/30	Blue	PU Braid Hose
HR080320U	3/8"	65.6/20	Blue	PU Braid Hose

FEATURES :

1. Lightweight & portable for furniture & wooded material decoration
2. Cost effective

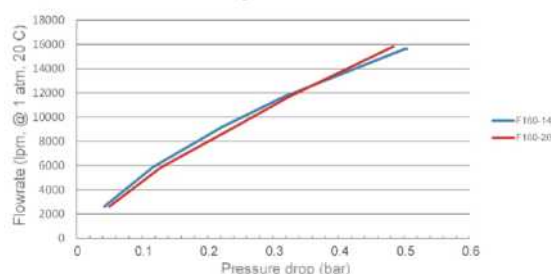
F160 / FM160

[illegible]

FM160A

Description		Part No.	F160-14A	FM160-14A
			F160-20A	FM160-20A
Medium		Air		
Port Size(PT.NPT.G)		1.5",2"		
Filter Element		5μ	0.01μ	
Proof Service Pressure	Psi	225	225	
	Mpa	15.5	15.5	
Max Flow (L/min)		9000 , 14000	12000	
Operation Temperature Range		-5℃ ~ 60℃		
Drain Capacity		30ml		
Meet the international norms		ISO 8573-1		

1. Aluminum alloy body: light weight and better corrosion resistance
2. High air flow and low pressure drop
3. Indicator (FM160): red indicator will rise when filter element needs to be changed
4. User can check the water level from ullage scale
5. No steel material used and no rust will happen



FM 160 - 14 A
 |
 |
 | AUTO DRAINAGE
 | (OPTION)
 |
 | PORT SIZE
 | 14:1-1/2"
 | 20:2"
 |
 | TYPE SERIES
 |
 | F/FM COMBINATION

AUTOMATIC DRAIN D704A



SPECIFICATION:

Description	Part No.	D704A
Medium		Air
Port Size (PT, NPT)		1/2"
Proof Input Pressure		175PSI / 12Bar / 1.2Mpa
Drain Capacity		27ml
Meet The International Norms		JIS B 8371

FEATURES :

1. High inlet pressure support
2. Longer life time
3. Auto drain design
4. Applicable for any end of pipe system



Auto Drain Valve

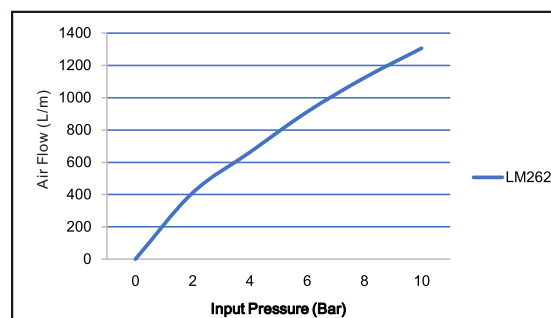
DESICCANT FILTER LM262



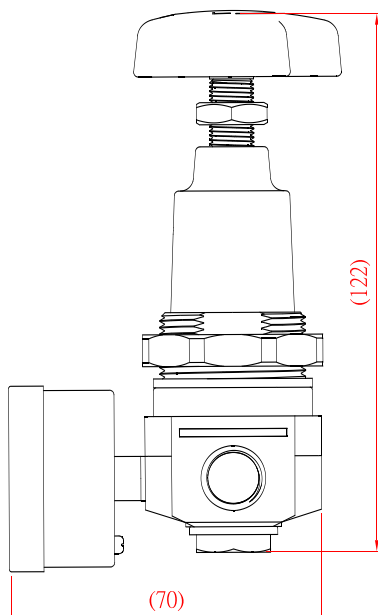
LM26

SPECIFICATION

Part NO.		LM26
Medium		Air
Port Size	Female thread	1/4" (NPS)
	Male thread	1/4" PS
Pressure Max.		145PSI / 10Bar / 1Mpa
Operation Temperature Range		5~60 °C



HIGH PRESSURE REGULATOR



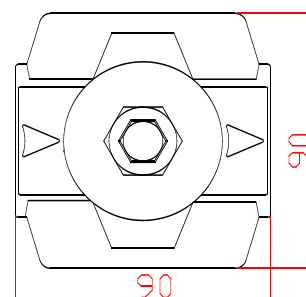
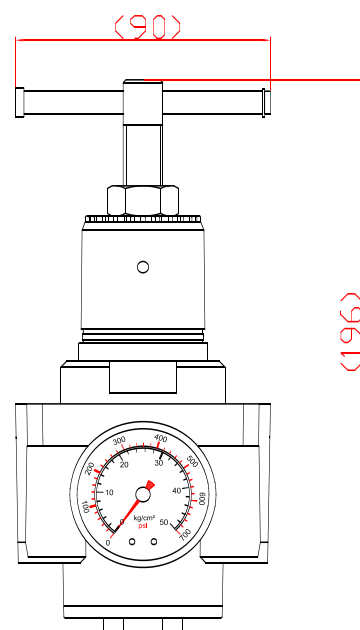
R302



R93

SPECIFICATION :

Part No.		R302	R938
Description		Air	
Medium		Air	
Port Size(PT.NPT.G)		1/4"	1"
Proof Input Pressure	Psi	570	725
	Mpa	3.93	5
Proof Output Pressure	Psi	500	570
	Mpa	3.45	4
Operation Temperature Range		- 5 ~ 60 °C (No freezing)	
Gauge Port		1/4"	
Air Flow		5000L/min measured at P1=2MPa P2=1MPa and pressure drop=0.4 Mpa	
Meet The International Norms		JIS B 8372 / ISO 6953-1 ISO 6953-2	



FEATURES :

Heavy duty design: Working pressure can come up to 570psi and high air flow.
It is suitable for any high flow air pressure equipment or system.

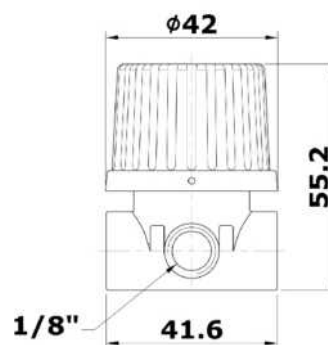
REGULATOR



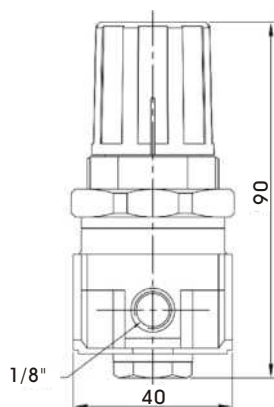
R10



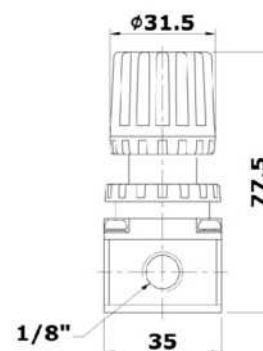
R102G-S



R20



R15



Part No. Description		R10				R15			R20		
		R102	R112	R332	R352	R152	R162	R182	R202	R422	R322
Medium		Air									
Port Size(PT.NPT)		1/4”									
Proof Input Pressure	Psi	150	215		150	185	70	150	225	115	
	Mpa	1	1.5		1	1.28	0.5	1	1.55	0.97	
Proof Output Pressure	Psi	135	150		140	170	50	140	215	70	
	Mpa	0.93	1		0.96	1.2	0.34	0.96	1.48	0.48	
Max Flow(L/min)		700				1100			2000		
Operation Temperature Range		-5 ~ 60℃									
Gauge Port(PT,NPT)		1/8”									
Meet The International Norms		JIS B 8372 / ISO 6953-1 ISO 6953-2									

F.R.L. Air Control Unit

FRL20 / C20 



F20



R20



L20



FR20



FRL20



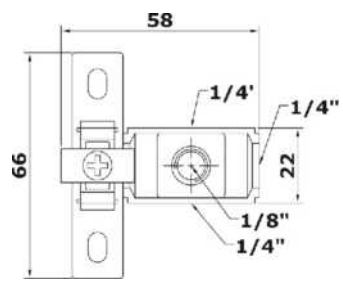
C20



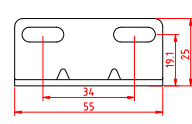
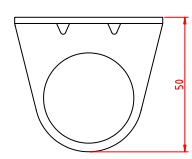
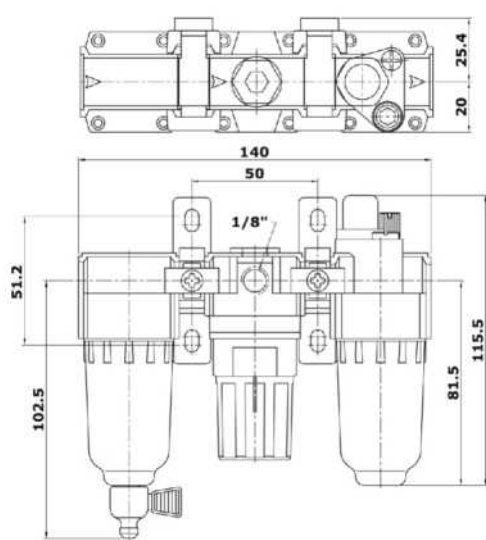
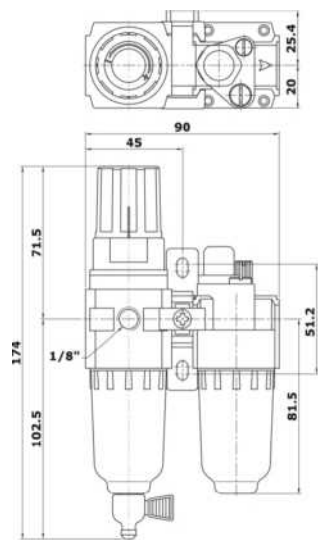
FRL20K



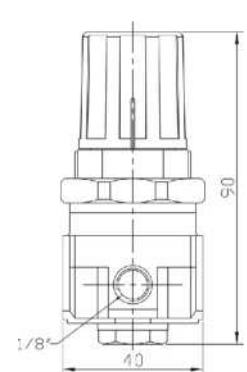
C20-AS1
C20-Manifold



20 Series Drawing



R2017



SPECIFICATION :

Part No. Description		C201	C202	FRL212
		FRL201	FRL202	
Medium		Air		
Port Size(PT.NPT)		1/8”	1/4”	1/4”
Filter Element		5μ		
Operating Pressure Range	Semi-Auto Drain Valve	(29PSI/2Bar/0.2Mpa) ~ (150PSI/10Bar/1Mpa)		(29PSI/2Bar/0.2Mpa) ~ (280PSI/20Bar/2Mpa)
	Manual Drain Valve	(0PSI/0Bar/0Mpa) ~ (150PSI/10Bar/1Mpa)		(0PSI/0Bar/0Mpa) ~ (280PSI/20Bar/2Mpa)
Max Flow(L/min)		1000	1100	1100
Operation Temperature Range		5 ~ 60 °C		
Drain Capacity		15ml		
Oil Capacity		30ml		
Minimum Dripping Flow Rate (L/min(ANR))*		15		
Recommendable Lubricants		ISO VG-32		
Meet the international norms		Air Filter:ISO 5782-1 & -2 / JIS B 8371 Regulator:ISO 6953-1 & -2 / JIS B 8372 Air Filter+Regulator:ISO 5782-1 & -2 / ISO 6953-1 & -2 JIS B 8372/ JIS B 8371 Lubricator:ISO 6301-1 & -2 / JIS B 8378		
More Options				
Air Filter		F201	F202	F212
Regulator		R201	R202	R212
Air Filter+Regulator		FR201	FR202	FR212
Lubricator		L201	L202	L212
Meet the international norms		Flow capacity : ISO 6358 / ISO 6953		

* The flow rate is 5 drops or greater/min under the following conditions : Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20°C; Oil adjustment valve fully open.

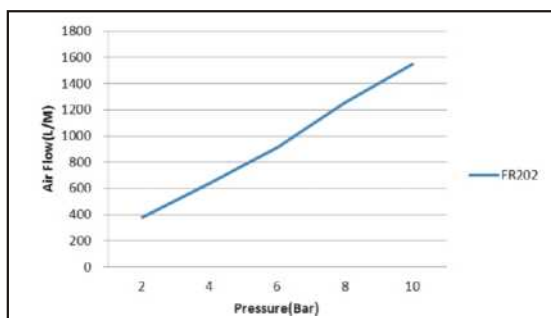
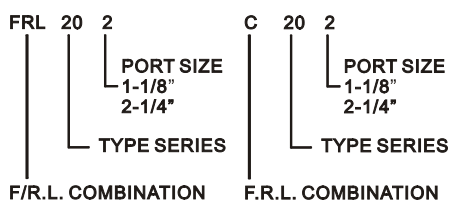
* For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.

*Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

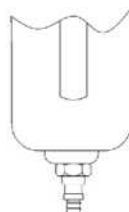
FEATURES :

1. Compact design for limited space
2. Easy installation
3. Cost effective

ORDER INFORMATION :



Semi-Auto Drain Valve



Manual Drain Valve

F.R.L. Air Control Unit

FRL53 / C53 



F53



L53



FR53

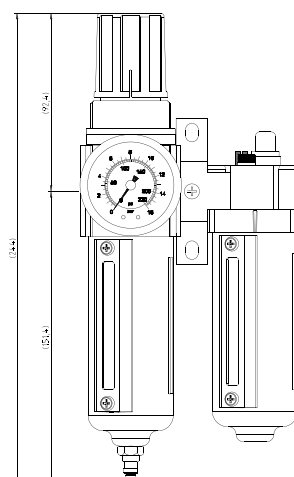
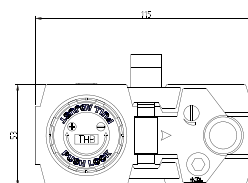
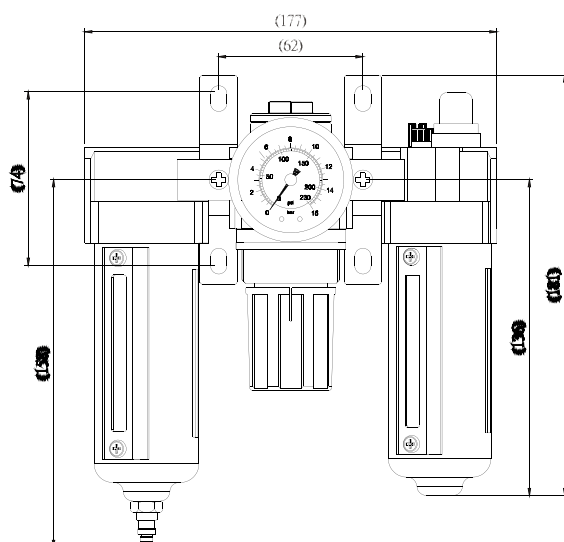


C53



FRL53

50 Series Drawing



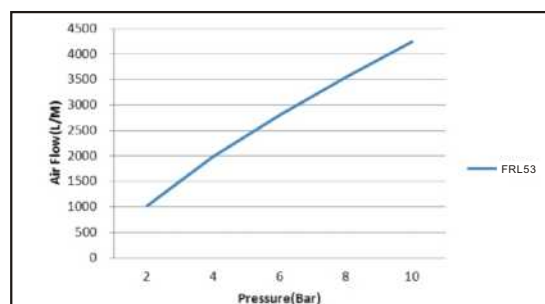
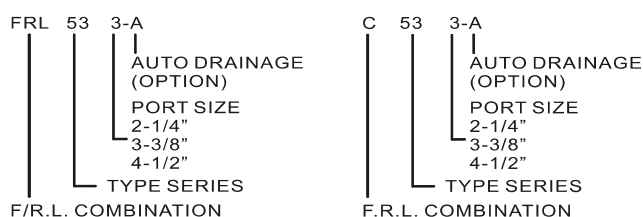
SPECIFICATION :

Part No. Description	C532	C533	C534	C532A	C533A	C534A
	FRL532	FRL533	FRL534	FRL532A	FRL533A	FRL534A
Medium	Air					
Port Size (PT, NPT,G)	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
Filter Element	5μ					
Operating Pressure Range	(0PSI/0Bar/0Mpa) ~ (230PSI/16Bar/1.6Mpa)			(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)		
Max Flow (L/min)	2200	3000	3100	2200	3000	3100
Operation Temperature Range	5℃ ~ 60℃					
Drain Valve	Manual Drain Valve			Auto Drain Valve		
Drain Capacity	60 ml			12 ml		
Oil Capacity	85 ml			85 ml		
Recommendable Lubricants	ISO VG-32					
More Options						
Air Filter	F532	F533	F534	F532A	F533A	F534A
Air Filter + Regulator	FR532	FR533	FR534	FR532A	FR533A	FR534A
Lubricator	L532	L533	L534	L532A	L533A	L534A
Meet the international norms	JIS B 8371 / JIS B 8372 / JIS B 8378					

FEATURES :

1. Quick release fixed by rotating 30° degrees
2. Anti-loosen from vibration

ORDER INFORMATION :



Auto Drain Valve



Manual Drain Valve

F.R.L. Air Control Unit

FRL59 / C59 



F59



R59



L59



FR52



FR59



FRL59



C59



FRL52



FRL59K

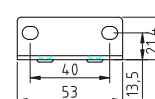
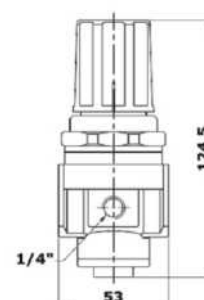
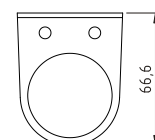
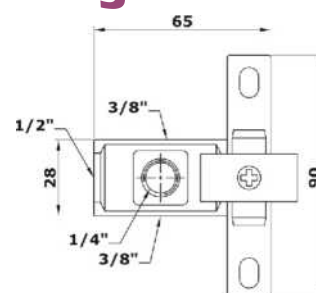
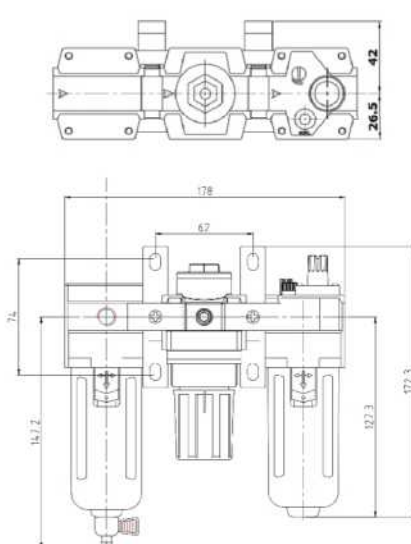
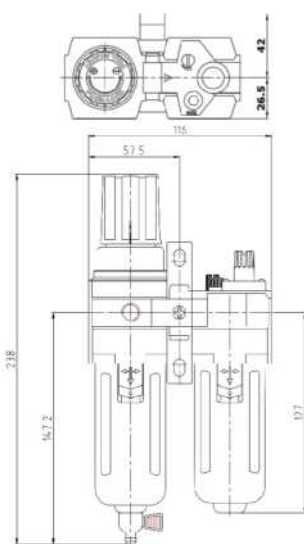


C50-AS1
C50-Manifold



D51

59 Series Drawing



R5017

SPECIFICATION :

Part No. Description	C592	C593	C594	C592A	C593A	C594A
	FRL592	FRL593	FRL594	FRL592A	FRL593A	FRL594A
Medium	Air					
Port Size (PT, NPT,G)	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
Filter Element	5μ					
Operating Pressure Range	(29PSI/2Bar/0.2Mpa) ~ (160PSI/11Bar/1.1Mpa)					
Max Flow (L/min)	2200	3000	3100	2200	3000	3100
Operation Temperature Range	5℃ ~ 60℃					
Drain Valve	Semi-Auto Drain Valve			Auto Drain Valve		
Drain Capacity	60 ml			12 ml		
Oil Capacity	85 ml			85 ml		
Recommendable Lubricants	ISO VG-32					
More Options						
Air Filter	F592	F593	F594	F592A	F593A	F594A
Air Filter + Regulator	FR592	FR593	FR594	FR592A	FR593A	FR594A
Lubricator	L592	L593	L594	L592A	L593A	L594A
Meet the international norms	JIS B 8371 / JIS B 8372 / JIS B 8378					

* The flow rate is 5 drops or greater/min under the following conditions : Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20°C; Oil adjustment valve fully open.

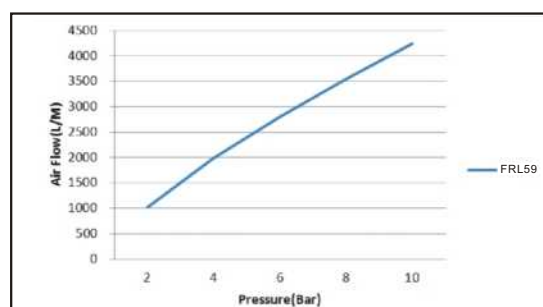
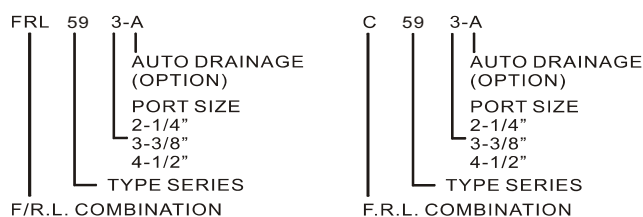
* For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.

*Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

FEATURES :

1. Steel guards offer better protection
2. Safe lockable buckles for firm installation

ORDER INFORMATION :



Semi-Auto Drain Valve



Auto Drain Valve

F.R.L. Air Control Unit

FRL70 / C70 



F70



R70



L70



FR70



FR72



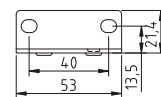
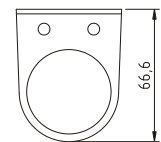
C70



FRL72

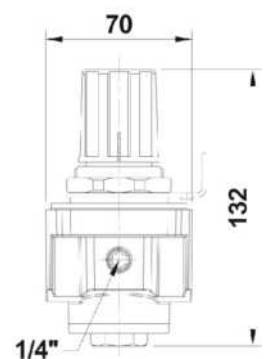
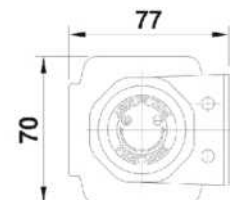
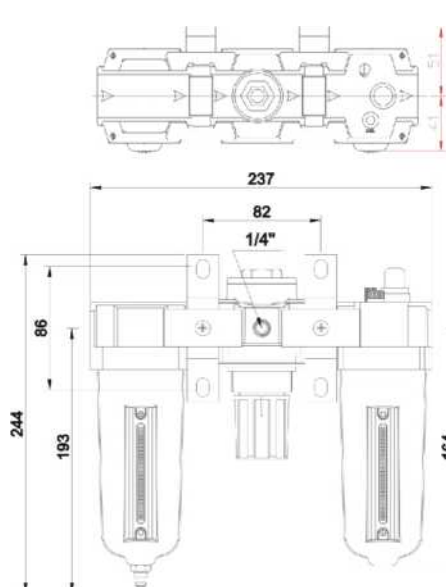
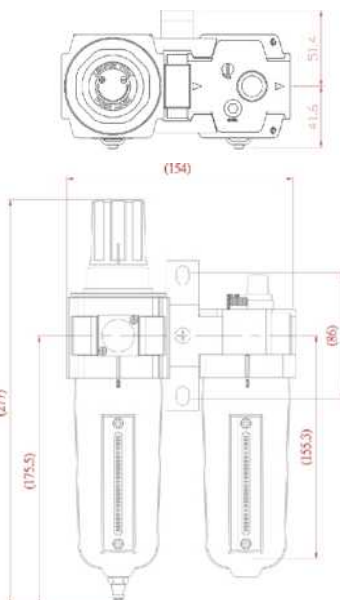


FRL70



R5017

70 Series Drawing



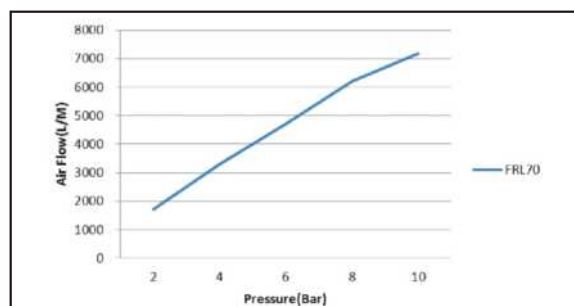
Part No. Description		C704	CD704	CM704	C706	CD706	CM706
		FRL724	FRLD704	FRLM704	FRL726	FRLD706	FRLM706
		FRL704			FRL706		
Medium		Air					
Port Size(PT.NPT.G)		1 /2”			3/4”		
Filter Element		5μ	0.3μ	0.01μ	5μ	0.3μ	0.01μ
Max Flow(L/min)		4000		3900	4000		3900
Operating Pressure Range	Auto Drain Valve	(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)					
	Manual Drain Valve	(0PSI/0Bar/0Mpa) ~ (230PSI/16Bar/1.6Mpa)					
Operation Temperature Range		5 ~ 60 °C					
Drain Capacity		80ml					
Oil Capacity		150ml					
Minimum Dripping Flow Rate (L/min(ANR))*		50					
Recommendable Lubricants		ISO VG-32					
More Options							
Air Filter		F704	FD704	FM704	F706	FD706	FM706
Regulator		R704			R706		
Air Filter+Regulator		FR724	FRD704	FRM704	FR726	FRD706	FRM706
		FR704			FR706		
Lubricator		L704			L706		

*Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

1. Gauge could be infixed as option for preventing damage and interference
2. Heavy duty type -- High Air flow and drain capacity
3. Transparent water level indicator for easy checking
4. Suitable for any high flow air pressure equipment or system

F/R.L. COMBINATION

AUTO DRAINAGE (OPTON)
PORT SIZE
6-3/4"
4-1/2"
TYPE SERIES
FILTER ELEMENT
D 0.3 μ
M 0.01 μ



Manual Drain Valve

F.R.L. Air Control Unit

FRL89 / C89 



F89



R89



L89



FR89



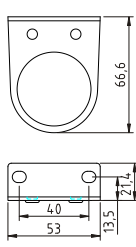
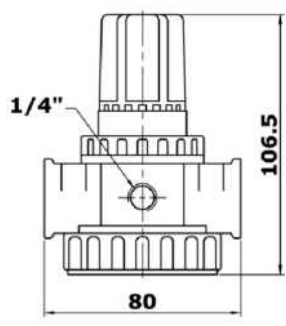
FRL89



FRL834H

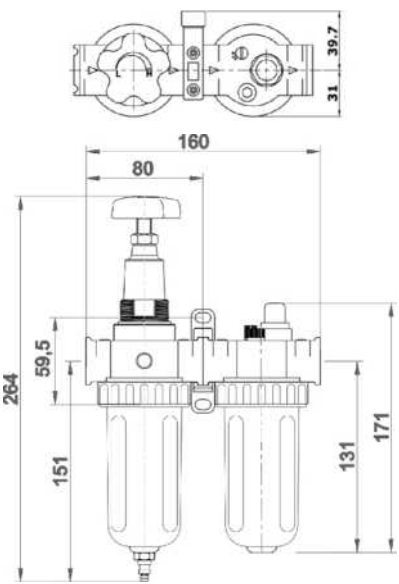
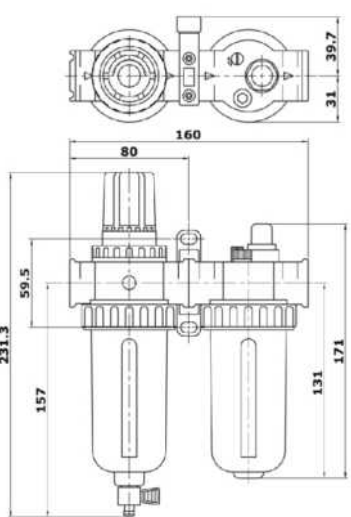
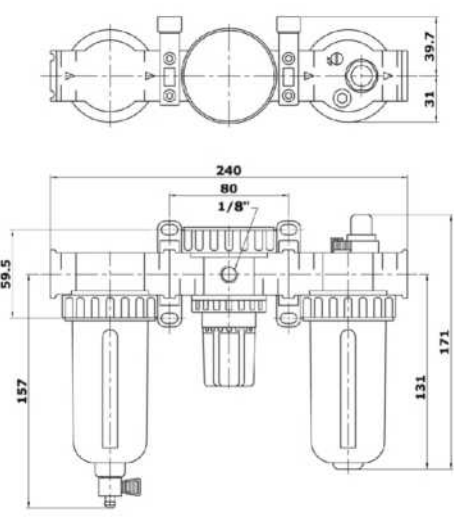


C89



R5017

89 Series Drawing



SPECIFICATION :

Part No. Description		C892	C893	C894	C832	C833	C834	FRL834H
		FRL892	FRL893	FRL894	FRL832	FRL833	FRL834	
Medium		Air						
Port Size(PT.NPT)		1/4"	3/8"	1 1/2"	1/4"	3/8"	1 1/2"	1 1/2"
Filter Element		5μ						
Operating Pressure Range	Semi-Auto Drain Valve	(29PSI/2Bar/0.2Mpa) ~ (160PSI/11Bar/1.1Mpa)			(29PSI/2Bar/0.2Mpa) ~ (230PSI/16Bar/1.6Mpa)			
	Auto Drain Valve	(29PSI/2Bar/0.2Mpa) ~ (160PSI/11Bar/1.1Mpa)			(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)		(29PSI/2Bar/0.2Mpa)~ (175PSI/12Bar/1.2Mpa)	
	Manual Drain Valve	(0PSI/0Bar/0Mpa) ~ (160PSI/11Bar/1.1Mpa)			(0PSI/0Bar/0Mpa) ~ (230PSI/16Bar/1.6Mpa)		(0PSI/0Bar/0Mpa)~ (355PSI/24Bar/2.4Mpa)	
Max Flow(L/min)		1750	2500	3000	1750	2500	3000	2500
Operation Temperature Range		5 ~ 60 °C						
Drain Capacity		80ml						
Oil Capacity		150ml						
Minimum Dripping Flow Rate (L/min(ANR))*		1/4":30 3/8":40 1/2":50						
Recommendable Lubricants		ISO VG-32						
More Options								
Air Filter		F892	F893	F894	F832	F833	F834	
Regulator		R892	R893	R894	R832	R833	R834	
Air Filter+Regulator		FR892	FR893	FR894	FR832	FR833	FR834	
Lubricator		L892	L893	L894	L832	L833	L834	

* The flow rate is 5 drops or greater/min under the following conditions : Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20°C; Oil adjustment valve fully open.

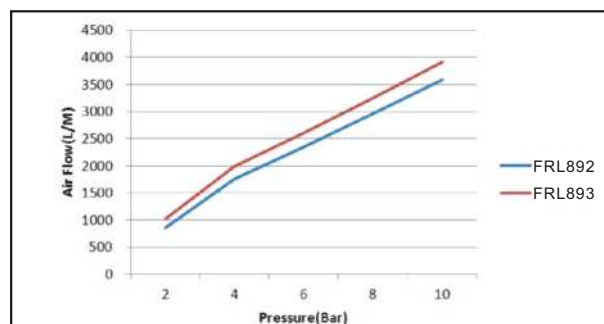
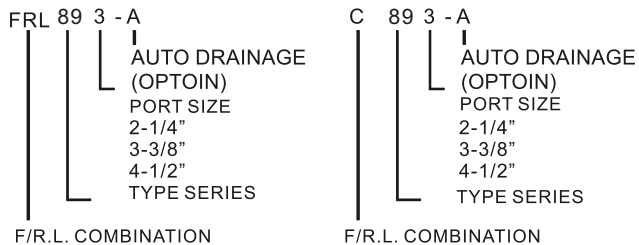
* For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.

* Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

FEATURES :

1. Steel guards offer better protection
2. Easy to install and disassembly

ORDER INFORMATION :



Semi-Auto Drain Valve



Auto Drain Valve



Manual Drain Valve

c90 



C90

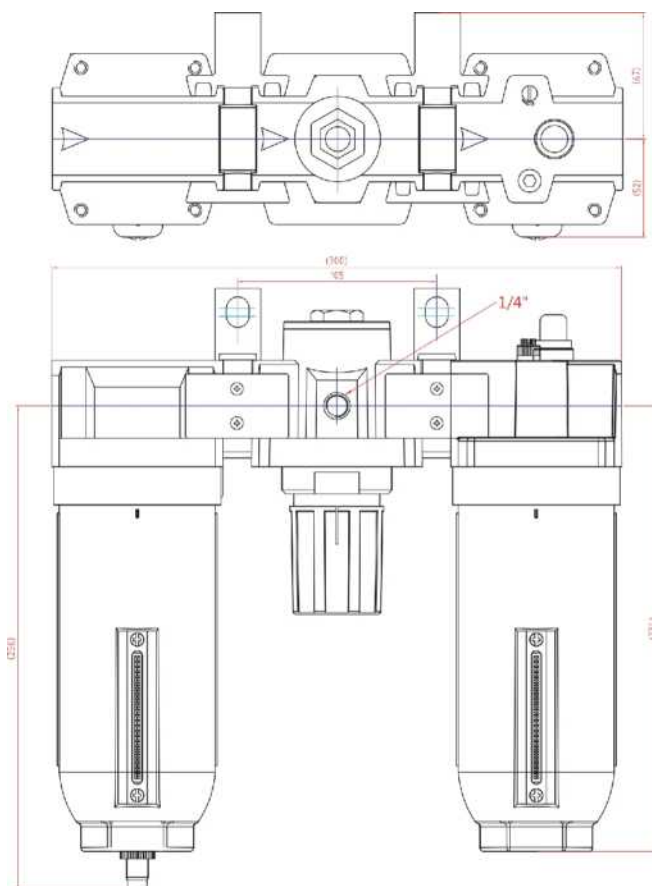


F90

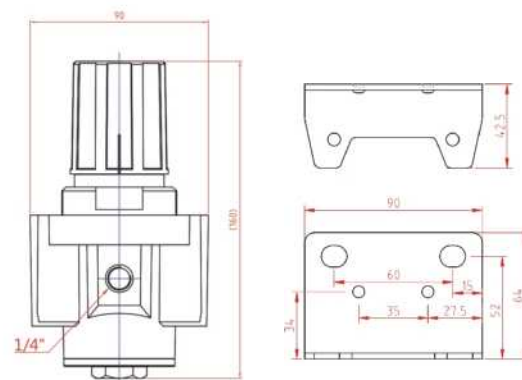


L90

90 Series Drawing



R90



F9018

SPECIFICATION :

Description	Part No.	C906	C908	C906A	C908A
Medium	Air				
Port Size(PT.NPT)		3/4"	1"	3/4"	1"
Filter Element	5μ				
Operating Pressure Range		(0PSI/0Bar/0Mpa) ~ (230PSI/16Bar/1.6Mpa)		(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)	
Max Flow(L/min)		4600	5200	4600	5200
Operation Temperature Range	5 ~ 60 °C				
Drain Capacity	300ml				
Oil Capacity	500ml				
Minimum Dripping Flow Rate (L/min(ANR))*	3/4":190 1":220				
Recommendable Lubricants	ISO VG-32				
More Options					
Air Filter		F906	F908	F906A	F908A
Regulator		R906	R908		
Lubricator		L906	L908		

* The flow rate is 5 drops or greater/min under the following conditions : Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20°C; Oil adjustment valve fully open.

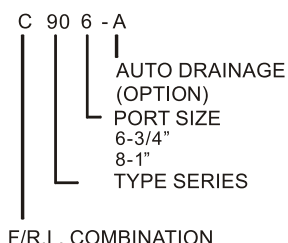
* For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.

*Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

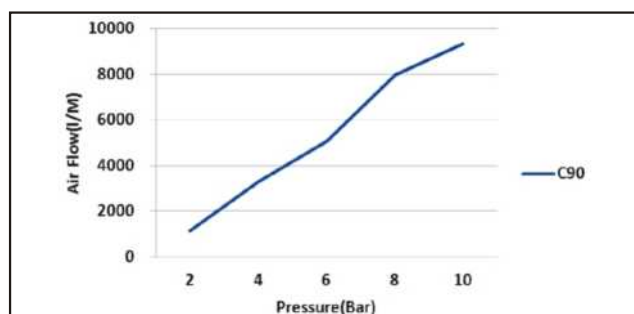
FEATURES :

1. Heavy duty type -- High Air flow and drain capacity
2. Transparent water level indicator for easy checking
3. Suitable for any high flow air pressure equipment or system

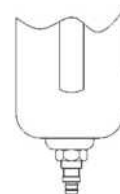
ORDER INFORMATION :



F/R.L. COMBINATION



Auto Drain Valve



Manual Drain Valve

FRL90 CE



FRL90



FRL92

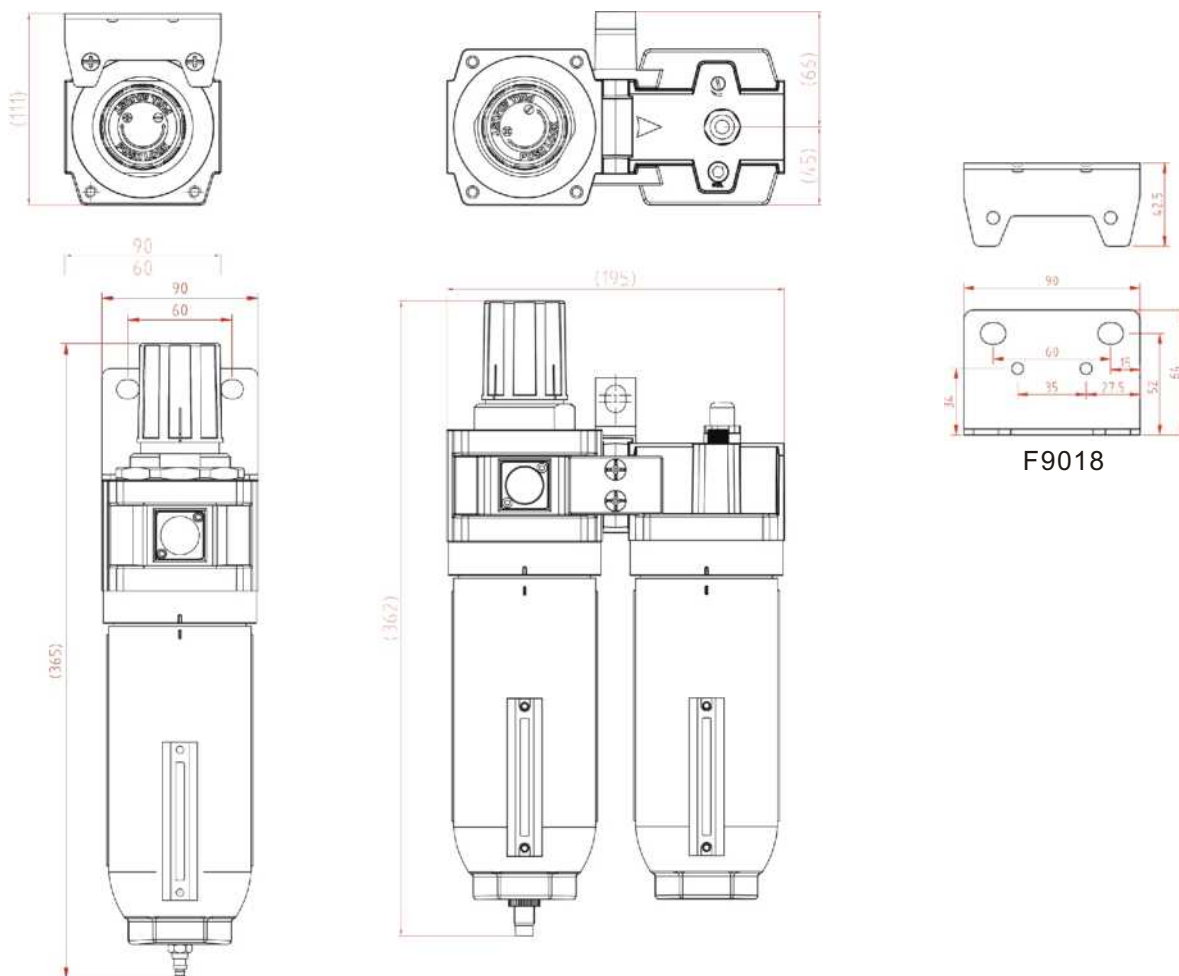


FR90



FR92

FRL90 Series Drawing



SPECIFICATION

Description	Part No.	FRL906	FRL926	FRL908	FRL928	FRL906A	FRL926A	FRL908A	FRL928A
Medium		Air							
Port Size(PT.NPT.G)		3/4"		1"		3/4"		1"	
Filter Element		5μ							
Operating Pressure Range		(0PSI/0Bar/0Mpa) ~ (230PSI/16Bar/1.6Mpa)				(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)			
Max Flow(L/min)		4600		5200		4600		5200	
Operation Temperature Range		5°C~60°C							
Drain Capacity		300ml							
Oil Capacity		500ml							
Minimum Dripping Flow Rate (L/min(ANR))*		3/4":190 1":220							
More Options									
Air Filter+Regulator		FR906	FR926	FR908	FR928	FR906A	FR926A	FR908A	FR928A

* The flow rate is 5 drops or greater/min under the following conditions : Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20°C; Oil adjustment valve fully open.

* For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.

*Lubrication cannot be properly performed if the operating flow rate is too low. Select an appropriately size lubricator by referring to the minimum dripping flow rate provided in the catalog.

FEATURES :

1. Heavy duty type -- High Air flow and drain capacity
2. Transparent water level indicator for easy checking
3. Suitable for any high flow air pressure equipment or system

ORDER INFORMATION :

FRL 9 0 6 -A

AUTO DRAINAGE (OPTION)

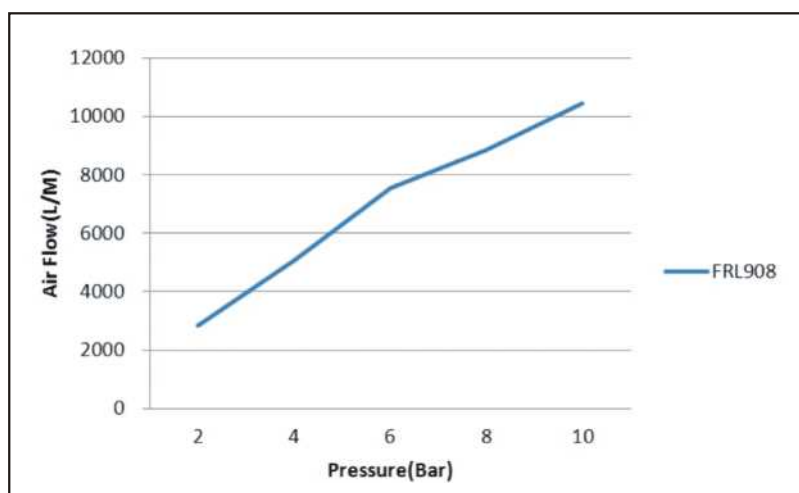
PORT SIZE

GAUGE

0-GAUGE 2-Infix GAUGE

TYPE SERIES

F/R.L. COMBINATION



Auto Drain Valve



Manual Drain Valve

MAIN LINE FILTER

FLM76

MAIN LINE FILTER INTERNAL STRUCTURE



FLMA76



FR-FLM76



FLM76



LM76

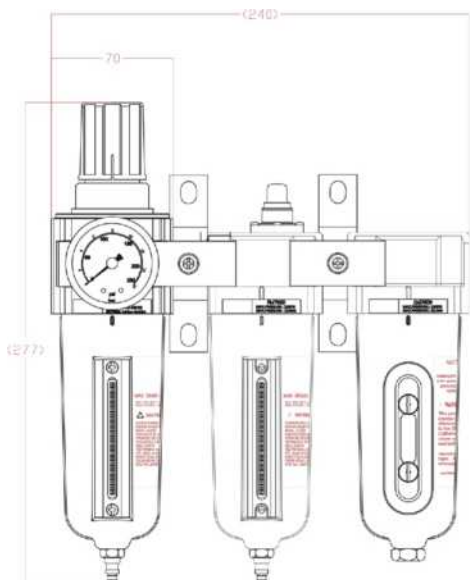


FM76

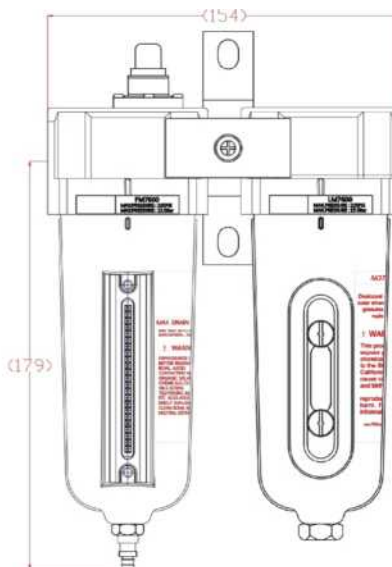


Desiccant

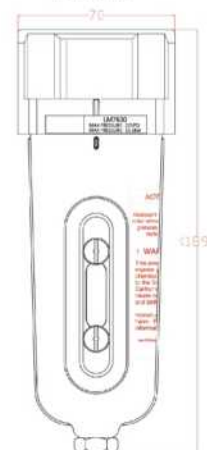
FR-FLM76



FLM76



LM76



SPECIFICATION:

Description Part No.	FR-FLM764	FM764A	F764A	F764	FA764	FM764	LM764
	FR-FLM766	FM766A	F766A	F766	FA766	FM766	LM766
Medium	Air						
Port (PT.NPT.G)	1/2" , 3/4"						
Filter Element	0.01μ		5 μ		0.01μ		
Proof Service Pressure	174 PSI (12 Bar / 1.2 MPa)			225 PSI (15.5 Bar / 1.55 MPa)			
Operation Temperature Range	5~60 °C (41~140 °F)						
More Options							
Filter+Oil Filter(F76+FM76)	FFM764 FFM766						
Filter+Oil Filter+Active Carbon (F76+FM76+FA76)	FRLMA764 FLMA764 FLMA766						
Oil Filter + Desiccant Dryer (FM76+LM76)	FLM764 FLM766						
Filter+Oil Filter+Desiccant Dryer (F76+FM76+LM76)	FR-FLM764 FR-FLM766 FFLM764 FFLM766						
Meet the International Norms	ISO 8573-1						

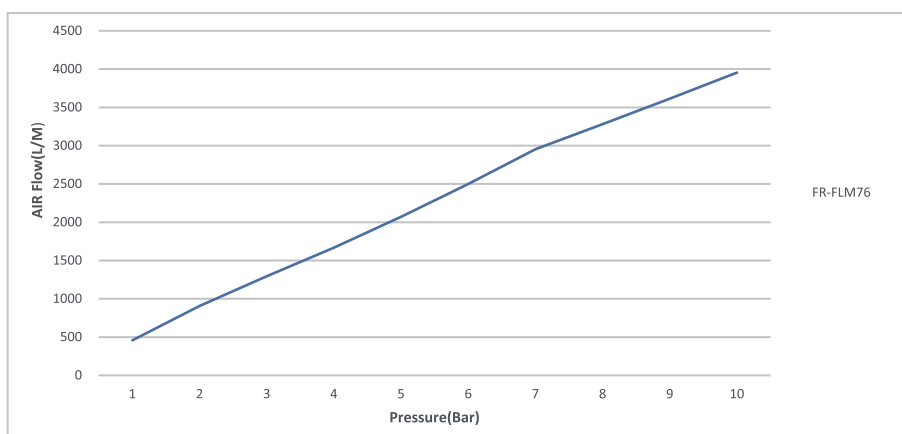
FEATURES :

- 1.5μ filter element:
Remove oil, condensed water and particles >5μ.
- 2.0.01filter element:
Remove 99.99% particles and oil>0.01μ.
- 3.Active charcoal filter element:
Absorb oil of vapors and harmful gases.
- 4.Desiccant beads change color from blue to pink when they need to be changed or reactivated.

APPLICATION

FM Type: Paint Spray Gun, Control systems, Sandblast, Fluids, Air condition systems.

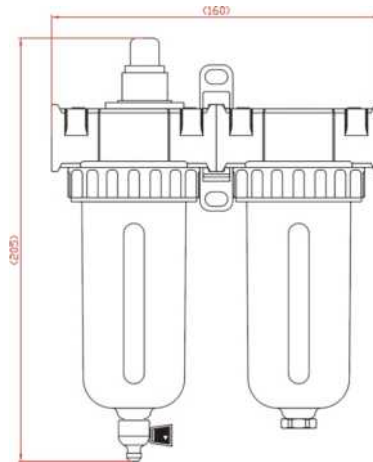
FA Type: Packing Industry, Food & Beverage Industry, Pressure Chambers, Medicinal & Dental Technology.



COALESCING FILTER/ DESICCANT DRYER

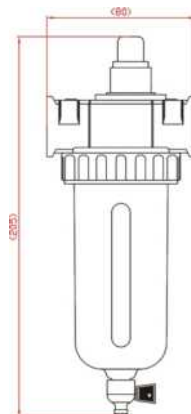
FLM86

COALESCING FILTER/ DESICCANT DRYER

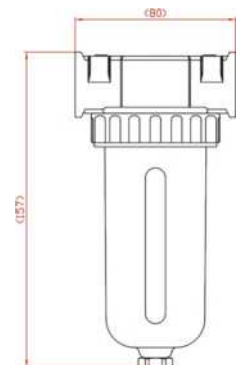


Desiccant

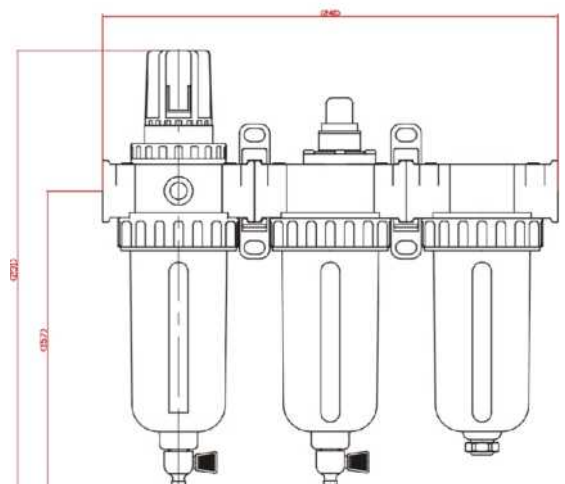
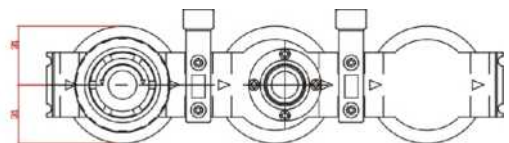
F-LM86



FM86



LM86



FR-FLM86

SPECIFICATION :

Part No.		FLM863	FM863	LM863	FR-FLM863
Description		FLM864	FM864	LM864	FR-FLM864
Medium		Air			
Port Size (PT.NPT)		1/2" , 3/8"			
Filter Element		0.01 μ			5 μ -0.01 μ
Operating Pressure Range	Semi-Auto Drain Valve	(29PSI/2Bar/0.2Mpa) ~ (175PSI/12Bar/1.2Mpa)			(29PSI/2Bar/0.2Mpa) ~ (250PSI/17Bar/1.7Mpa)
	Manual Drain Valve	(0PSI/0Bar/0Mpa) ~ (175PSI/12Bar/1.2Mpa)			(0PSI/0Bar/0Mpa) ~ (120PSI/12Bar/1.2Mpa)
Max Flow(L/min)		3400			
Operation Temperature Range		5 ~ 60 °C			
Drain Capacity		80ml			
Meet the international norms		ISO 8573-1			

FEATURES :

1. The Red Service Indicator will rise when filter element needs to be changed.



Manual Drain Valve



Semi-Auto Drain Valve

2. Desiccant beads change color from blue to pink when they need to be changed or reactivated.
3. 0.01 μ filter element removes 99.9% of oil vapor particles.
4. Clear bowl with metal guards provides easy viewing for contents as well as providing impact protection.
5. Quick release bowl for easy maintenance
6. An additional filter after desiccant beads to ensure clean downstream air.

FUNCTION :

1. Coalescing filter removes oil vapors, which can get past standard filters and water separators.
2. Desiccant dryer reduces humidity in compressed air lines, a MUST HAVE for paint spraying operations.

APPLICATION :

1. Paint Spray Gun (gravity, siphon, and pressure feed styles)
2. Air measuring instruments (requiring clean, dry air)

RECOMMENDATION :

1. It is recommended to install a standard air filter/water separator before the air cleaner / dryer to remove larger debris (>5 μ) and condensed water.
2. It is also recommended to have a shutoff valve upstream of the air cleaner / dryer for easy depressurization for service.

MAIN LINE FILTER INTERNAL STRUCTURE



FLMA96

FLMA96+GAUGE



Activated-Charcoal-Filter FA96

For absorption of oil vapors.
Protecting the painter from the harmful vapors and gases.

Pre-Filter F96

The first filter stage separates particle $>5 \mu$ condensed water and oil
The inside filter element of PE material separates the particles large than 5μ
Centrifugal force from Cyclone type filter removes water, oil and impurities.

Micro-Filter FM96

The second filter stage separates smallest particle $>0.01 \mu$
efficiency to 99.998%



FR-FLM96



FLM96



LM96



FM96

FEATURES :

- 1.5 μ filter element:
Remove oil, condensed water and particles $>5\mu$.
- 2.0.01 filter element:
Remove 99.99% particles and oil $>0.01\mu$.
3. Active charcoal filter element:
Absorb oil of vapors and harmful gases.
4. Desiccant beads change color from blue to pink when they need to be changed or reactivated.



Desiccant

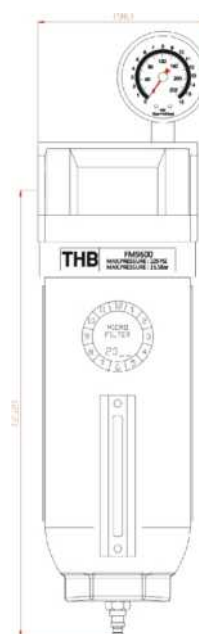
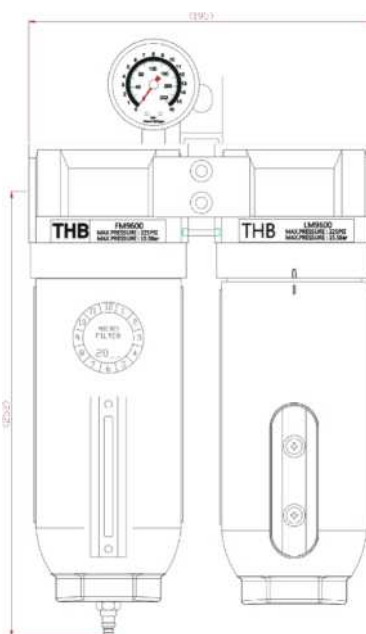
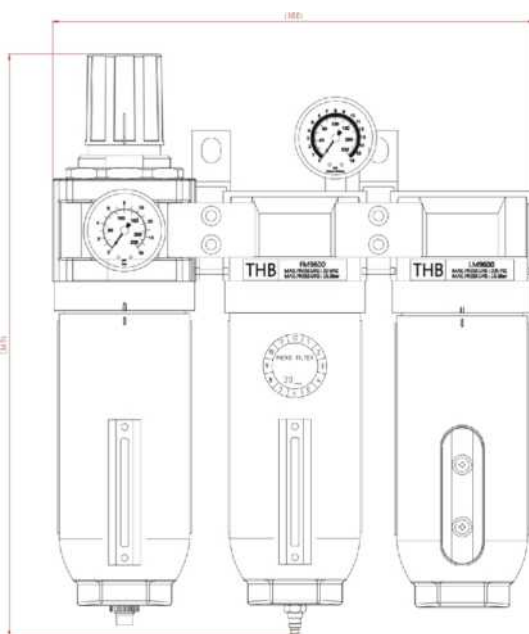
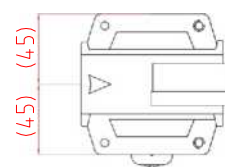
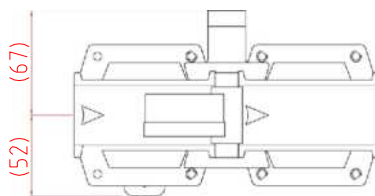
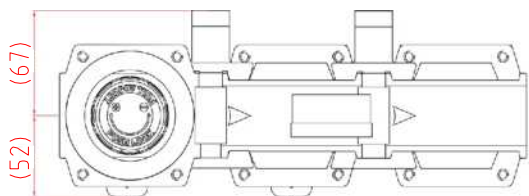
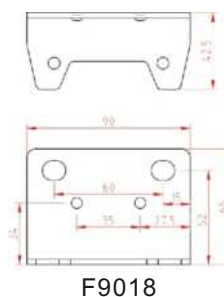
APPLICATION

FM Type: Paint Spray Gun, Control systems, Sandblast, Fluids, Air condition systems.

FA Type: Packing Industry, Food & Beverage Industry, Pressure Chambers, Medicinal & Dental Technology.

SPECIFICATION:

Part No.	Description	FR-FLM964	FM964A	F964A	F964	FA964	FM964	LM964
		FR-FLM966	FM966A	F966A	F966	FA966	FM966	LM966
		FR-FLM968	FM968A	F968A	F968	FA968	FM968	LM968
Medium		Air						
Port (PT.NPT.G)		1/2" , 3/4" , 1"						
Filter Element		0.01μ		5 μ		0.01μ		
Proof Service Pressure		174 PSI (12 Bar / 1.2 MPa)			225 PSI (15.5 Bar / 1.55 MPa)			
Operation Temperature Range		5~60 °C (41~140 °F)						
More Options								
Filter+Oil Filter(F96+FM96)		FFM964		FFM966		FFM968		
Filter+Oil Filter+Active Carbon (F96+FM96+FA96)		FRLMA964		FLMA964		FLMA966		FLMA968
Oil Filter + Desiccant Dryer (FM96+LM96)		FLM964		FLM966		FLM968		
Filter+Oil Filter+Desiccant Dryer (F96+FM96+LM96)		FR-FLM964		FR-FLM966		FR-FLM968		
		FFLM964		FFLM966		FFLM968		
Meet the International Norms		ISO 8573-1						



JAPANESE STYLE - FOLDABLE FITTING

Part No.	Size			Part No.	Size
S1F-17SHA	1/4"HOSE			S1F-20SMA	1/4"PT
S1F-20SHA	5/16"HOSE			S1F-30SMA	3/8"PT
S1F-30SHA	3/8"HOSE			S1F-40SMA	1/2"PT
S1F-40SHA	1/2"HOSE			S1F-20SFA	1/4"PT
S1F-20SFA	1/4"PT			S1F-30SFA	3/8"PT
S1F-30SFA	3/8"PT			S1F-40SFA	1/2"PT
S1F-40SFA	1/2"PT			S1F-20SPA	5x8mm HOSE
				S1F-30SPA	6.5x10mm HOSE
				S1F-40SPA	8x12mm HOSE
				S1F-45SPA	10x14mm HOSE
				S1F-50SPA	11x16mm HOSE

FEATURES :

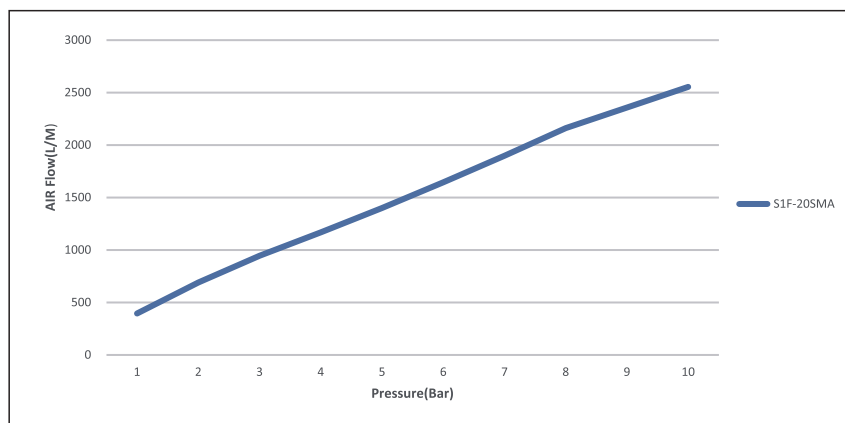
- 1.Easy to operate and labor-saving with air c onnection.
- 2.The body without air intake valve makes the air f low smooth and big.
- 3.A built-in "lock mechanism" can prevents accidental disconnection.
- 4.Remove the remain air on connection part before disconnection the plug.
- 5.Wide variety provides best choice accordingly to application.

APPLICATION

- 1.Pneumatic tools
- 2.Air piping
- 3.Air pressure equipment

SPECIFICATION

Material	Stainless	Steel
Thread	PT	
Working Pressure	218PSI(15Bar/1.5MPa)	
Maximum Pressure	290PSI(20Bar/2MPa)	
Temperature Range	-20°C~ + 80°C	
Size	1/4" (20Type)	
	3/8" (30Type)	
	1 1/2" (40Type)	
Meet The Inter natio nal Norms	JIS B 0203	

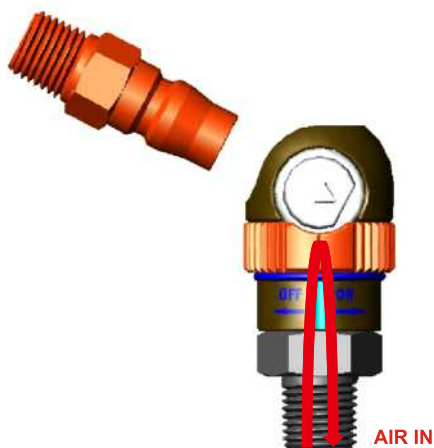


Part NO.	A	øT	øD	(L)	Part NO.	øT	øD	(L)	
S1F-20SHA	30	9	27.2	66.5	S1F-20SMA	1/4"	27.2	57.3	
S1F-30SHA	34	11.3		70.5	S1F-30SMA	3/8"		57.3	
S1F-40SHA	36	15		73.5	S1F-40SMA	1/2"		63.3	

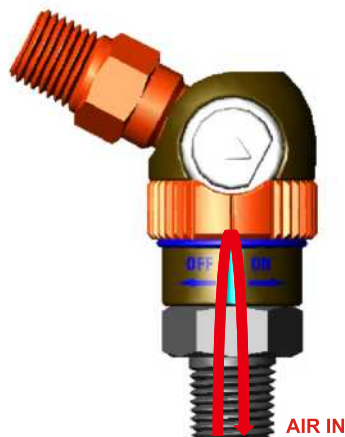
Part NO.	øT	øD	(L)		Part NO.	øT	øD	H	(L)
S1F-20SFA	1/4"	27.2	52.3		S1F-20SPA	5x8mm	27.2	14	51.0
S1F-30SFA	3/8"		52.3		S1F-30SPA	6.5x10mm		15	53.0
S1F-40SFA	1/2"		57.3		S1F-40SPA	8x12mm		19	54.5

INSTRUCTION

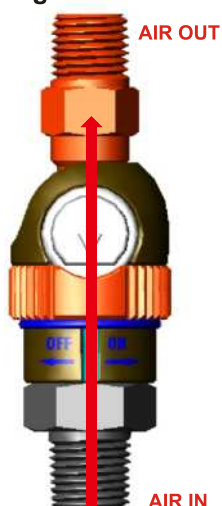
1. Install the foldable fitting



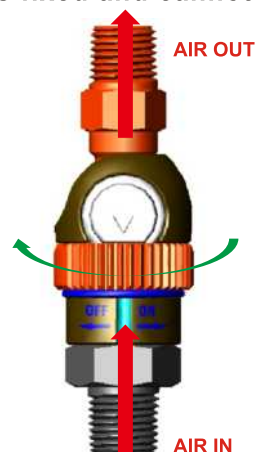
2. Install the plug



3. Pull on the plug



4. Turn the swivel sleeve to the left and turn **OFF** to "lock", the plug is fixed and cannot be pulled.



AIR QUICK COUPLER

JAPANESE STYLE- REGULAR TYPE

JAPANESE STYLE - REGULAR TYPE

Part No.	Size			Part No.	Size
17SHA	1/4"HOSE			17PHA	1/4"HOSE
20SHA	5/16"HOSE			20PHA	5/16"HOSE
30SHA	3/8"HOSE			30PHA	3/8"HOSE
40SHA	1/2"HOSE			40PHA	1/2"HOSE
20SFA	1/4"PT			10PFA	1/8"PT
30SFA	3/8"PT			20PFA	1/4"PT
40SFA	1/2"PT			30PFA	3/8"PT
				40PFA	1/2"PT
20SMA	1/4"PT			10PMA	1/8"PT
30SMA	3/8"PT			20PMA	1/4"PT
40SMA	1/2"PT			30PMA	3/8"PT
				40PMA	1/2"PT
20SPA	5x8mm hose			20PPA	5x8mm hose
30SPA	6.5x10mm hose			30PPA	6.5x10mm hose
40SPA	8x12mm hose			40PPA	8x12mm hose
45SPA	10x14mm hose			45PPA	10x14mm hose
50SPA	11x16mm hose			50PPA	11x16mm hose

FEATURES :

1. One-way automatic shut-off valve in the socket.
2. Wide variety provides best choice accordingly to application.
3. Hardened important parts are extremely wear resistant and durable.
4. Tested 100,000 times, coupler connection is accurate and reliable.

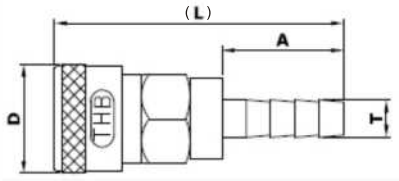
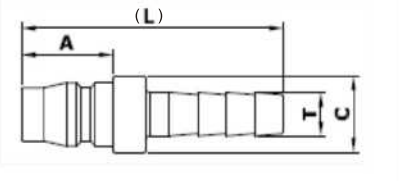
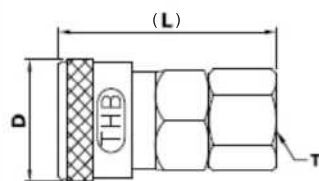
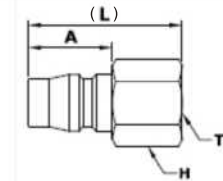
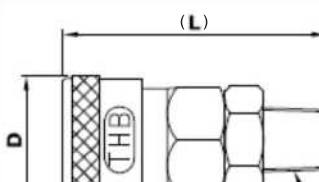
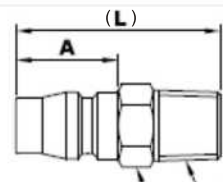
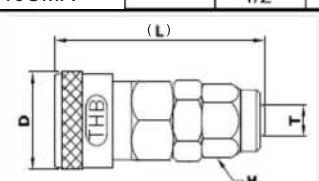
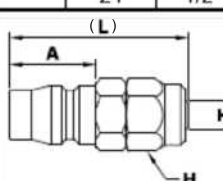
APPLICATION

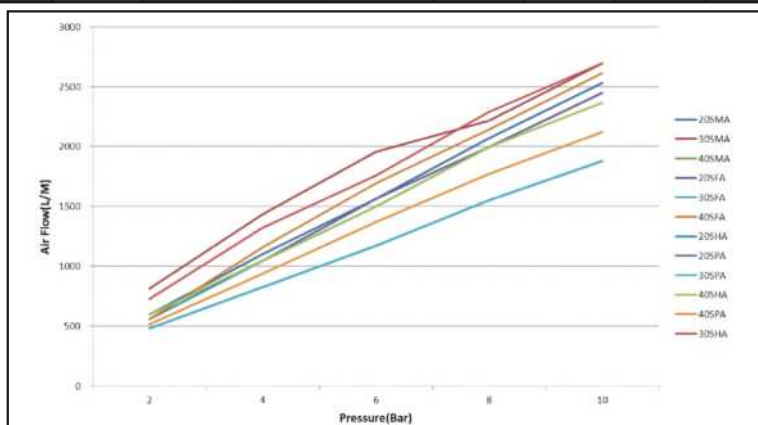
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION



Material	Stainless	Steel
Thread	PT	
Working Pressure	218PSI(15Bar/1.5MPa)	
Maximum Pressure	290PSI(20Bar/2MPa)	
Temperature Range	-20°C~ + 80°C	
Size	1/4" (20Type)	
	3/8" (30Type)	
	1/2" (40Type)	
Meet The International Norms	JIS B 0203	

									
Part No.	A	ϕT	ϕD	(L)	Part No.	A	ϕT	ϕC	(L)
17SHA	24	7.4	26.5	65.5	17PHA	20	7.2	16	51
20SHA	30	9		71.5	20PHA		9		57
30SHA	30	11.3		71.5	30PHA		11.3		60.5
40SHA	36	14		77.5	40PHA		14		60.5
									
Part No.	ϕD	T	(L)		Part No.	A	H	T	(L)
20SFA	26.5	1/4"	48.5		10PFA	20	17	1/8"	36.5
30SFA		3/8"	49.5		20PFA		17	1/4"	36.5
40SFA		1/2"	51.5		30PFA		21	3/8"	37.2
					40PFA		24	1/2"	40.5
									
Part No.	ϕD	T	(L)		Part No.	A	H	T	(L)
20SMA	26.5	1/4"	54.5		10PMA	20	14	1/8"	37
30SMA		3/8"	55.5		20PMA		14	1/4"	40
40SMA		1/2"	57.5		30PMA		17	3/8"	42.5
					40PMA		21	1/2"	44.4
									
Part No.	ϕD	H	(L)	T	Part No.	A	H	(L)	T
20SPA	26.5	14	55.7	5x8mm	20PPA	20	14	41.5	5x8mm
30SPA		15	58	6.5x10mm	30PPA		15	43	6.5x10mm
40SPA		19	58	8x12mm	40PPA		19	45	8x12mm
45SPA		19	58	10x14mm	45PPA		19	45	10x14mm
50SPA		24	58	11x16mm	50PPA		24	55	11x16mm



JAPANESE STYLE - ONE TOUCH

Part No.	Size			Part No.	Size
17SHT	1/4"Hose			17PHA	1/4"Hose
20SHT	5/16"Hose			20PHA	5/16"Hose
30SHT	3/8"Hose			30PHA	3/8"Hose
40SHT	1/2"Hose			40PHA	1/2"Hose
20SFT	1/4"PT			10PFA	1/8"PT
30SFT	3/8"PT			20PFA	1/4"PT
40SFT	1/2"PT			30PFA	3/8"PT
				40PFA	1/2"PT
20SMT	1/4"PT			10PMA	1/8"PT
30SMT	3/8"PT			20PMA	1/4"PT
40SMT	1/2"PT			30PMA	3/8"PT
				40PMA	1/2"PT
20SPT	5x8mm hose			20PPA	5x8mm hose
30SPT	6.5x10mm hose			30PPA	6.5x10mm hose
40SPT	8x12mm hose			40PPA	8x12mm hose
45SPT	10x14mm hose			45PPA	10x14mm hose
50SPT	11x16mm hose			50PPA	11x16mm hose

FEATURES :

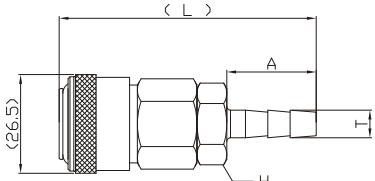
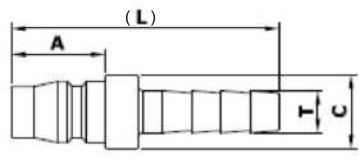
- 1.Improved operation.
- 2.Chrome plated steel body for anti-corrosion.
- 3.One-touch series couplers could be widely applied for male and female thread connections, hose connectors and manifolds.

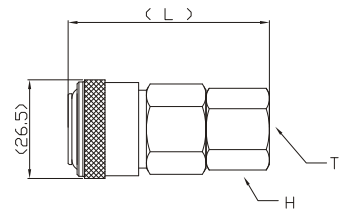
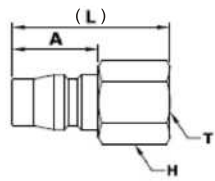
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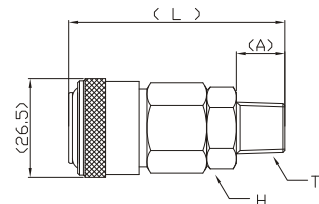
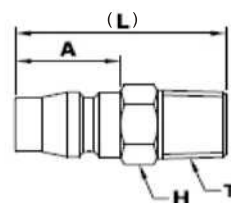
- 1.Pneumatic tools
- 2.Air piping
- 3.Air pressure equipment

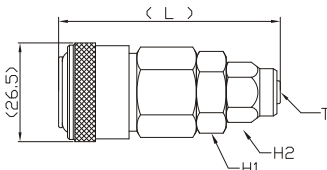
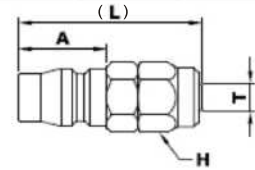
SPECIFICATION :

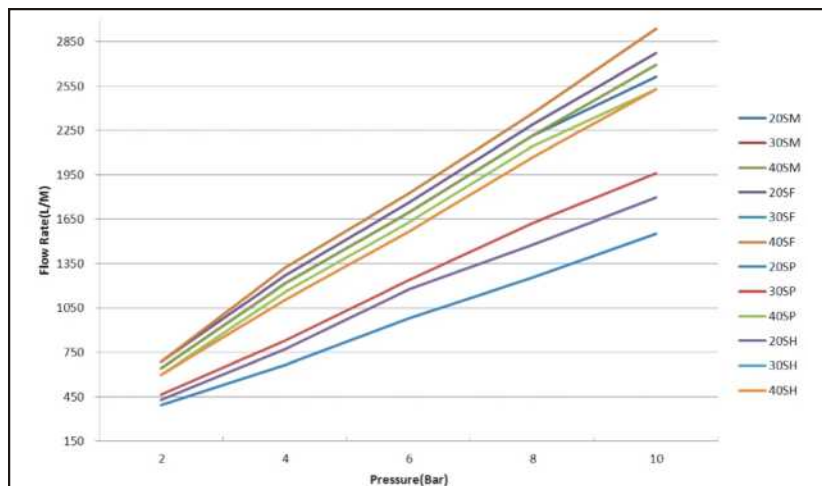
Material	Steel
Thread	PT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)
	1 / 2"(40 TYPE)
Meet The International Norms	JIS B 0203

									
Part NO.	(L)	φT	H	A	Part NO.	A	φT	φC	(L)
17SHT	69.5	7.4	19	24	17PHA	20	7.2	16	51
20SHT	75.5	9	19	30	20PHA		9		57
30SHT	79.5	11.3	19	34	30PHA		11.3		60.5
40SHT	81.5	14	19	46	40PHA		14		60.5

									
Part NO.	(L)	T (II)	H		Part NO.	A	H	T	(L)
20SFT	54.5	1/4"	19		10PFA	20	17	1/8"	36.5
30SFT	53.5	3/8"	21		20PFA		17	1/4"	36.5
40SFT	55.4	1/2"	24		30PFA		21	3/8"	37.2
					40PFA		24	1/2"	40.5

									
Part NO.	(L)	T (II)	H	A±1	Part NO.	A	H	T	((L))
20SMT	58.5	1/4"	19	13	10PMA	20	14	1/8"	37
30SMT	59.5	3/8"	19	14	20PMA		14	1/4"	40
40SMT	61.5	1/2"	21	16	30PMA		17	3/8"	42.5
					40PMA		21	1/2"	44.4

									
Part NO.	(L)	T	H1	H2	Part NO.	A	H	(L)	T
20SPT	60	5x8mm	19	14	20PPA	20	14	41.5	5x8mm
30SPT	61.5	6.5x10mm	19	15	30PPA		15	43	6.5x10mm
40SPT	63.5	8x12mm	19	19	40PPA		19	45	8x12mm
45SPT	63.5	10x14mm	19	19	45PPA		19	45	10x14mm
50SPT	72.5	11x16mm	24	24	50PPA		24	55	11x16mm



AIR QUICK COUPLER

JAPANESE STYLE-ONE TOUCH PLASTIC QUICK COUPLER

JAPANESE TYPE

Part No.	Size			Part No.	Size
S1A-20SM	1/4"PT			S1A-20PM	1/4" PT
S1A-30SM	3/8"PT			S1A-30PM	3/8" PT
S1A-20SH	1/4" HOSE			S1A-20PH	1/4" HOSE
S1A-30SH	3/8" HOSE			S1A-30PH	3/8" HOSE
S1A-20SP	5x8mm HOSE			S1A-20PP	5x8mm HOSE
S1A-30SP	6.5x10mm HOSE			S1A-30PP	6.5x10mm HOSE
S1A-40SP	8x12mm HOSE			S1A-40PP	8x12mm HOSE
S1A-20SF	1/4" G			S1A-20PF	1/4" G

FEATURES :

- 1.A built-in "lock mechanism" locks the sleeve upon connectionthus prevents accidental disconnection.
- 2.Just push plug into socket for simple connection.
- 3.The weight is half of steel.
- 4.Avoid static electricit.
- 5.Prevent the scrape on the car surface, floor and furniture.
- 6.The steel ring inside of sleeve is able to prolong the life.

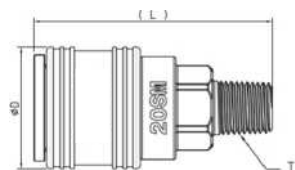
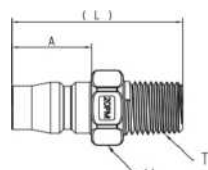
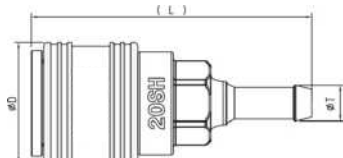
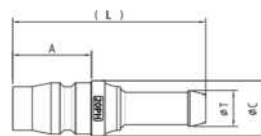
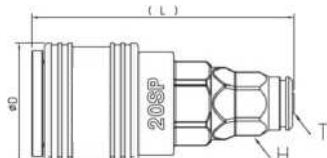
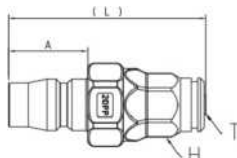
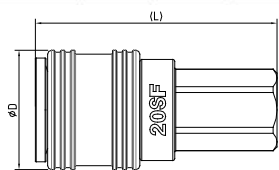
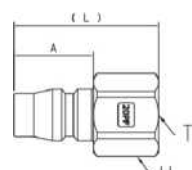


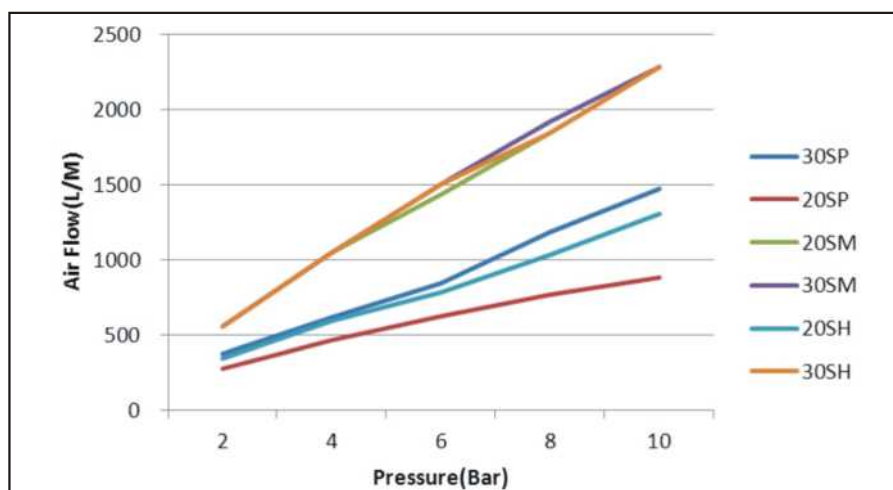
APPLICATION

- 1.Pneumatic tools
- 2.Air piping
- 3.Air pressure equipment

SPECIFICATION :

Material	Plastic (PA6+30%GF)
Thread	PT
Working Pressure	150PSI(10Bar/1MPa)
Maximum Pressure	218PSI(15Bar/1.5MPa)
Temperature Range	-5°C~60°C

									
Part NO.	φ D	(L)	T	Part NO.	A	(L)	T	H	
S1A-20SM	30.7	60.2	1/4"	S1A-20PM	20	43	1/4"	17	
S1A-30SM			3/8"	S1A-30PM			3/8"		
									
Part NO.	φ D	(L)	φ T	Part NO.	A	(L)	T	H	
S1A-20SH	30.7	70.6	9	S1A-20PH	20	49.1	9	14	
S1A-30SH		72.6	10.5	S1A-30PH		52.1	11.5	16	
									
Part NO.	φ D	(L)	T	H	Part NO.	A	(L)	T	H
S1A-20SP	30.7	66.4	5x8	14.2	S1A-20PP	20	50	5x8	14.2
S1A-30SP		68.4	6.5x10	15.2	S1A-30PP		52	6.5x10	15.2
S1A-40SP		70.4	8x12	19.2	S1A-40PP		54	8x12	19.2
									
Part NO.	D	(L)	T	Part NO.	A	(L)	T	H	
S1A-20SF	30.7	62	1/4"	S1A-20PF	20	36.5	1/4"	19	



JAPANESE STYLE - HIGH FLOW TYPE

Part No.	Size			Part No.	Size
400SHA	1/2" HOSE			400PHA	1/2" HOSE
600SHA	3/4" HOSE			600PHA	3/4" HOSE
800SHA	1" HOSE			800PHA	1" HOSE
400SFA	1/2" PT			400PFA	1/2" PT
600SFA	3/4" PT			600PFA	3/4" PT
800SFA	1" PT			800PFA	1" PT
400SMA	1/2" PT			400PMA	1/2" PT
600SMA	3/4" PT			600PMA	3/4" PT
800SMA	1" PT			800PMA	1" PT

FEATURES :

1. One-way automatic shut-off valve in the socket.
2. Wide variety provides best choice accordingly to application.
3. Hardened important parts are extremely wear resistant and durable.
4. Tested 100,000 times, coupler connection is accurate and reliable.

APPLICATION

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Stainless	Steel
Thread	PT	
Working Pressure	218PSI(15Bar/1.5MPa)	
Maximum Pressure	290PSI(20Bar/2MPa)	
Temperature Range	-20°C~ + 80°C	
Size	1/2"(400 TYPE)	
	3/4"(600 TYPE)	
	1" (800 TYPE)	
Meet The International Norms	JIS B 0203	

Part No.	A	ϕT	ϕD	(L)
400SHA	36	14	35	83.3
600SHA	45	21		92.3
800SHA	55	27		102.3

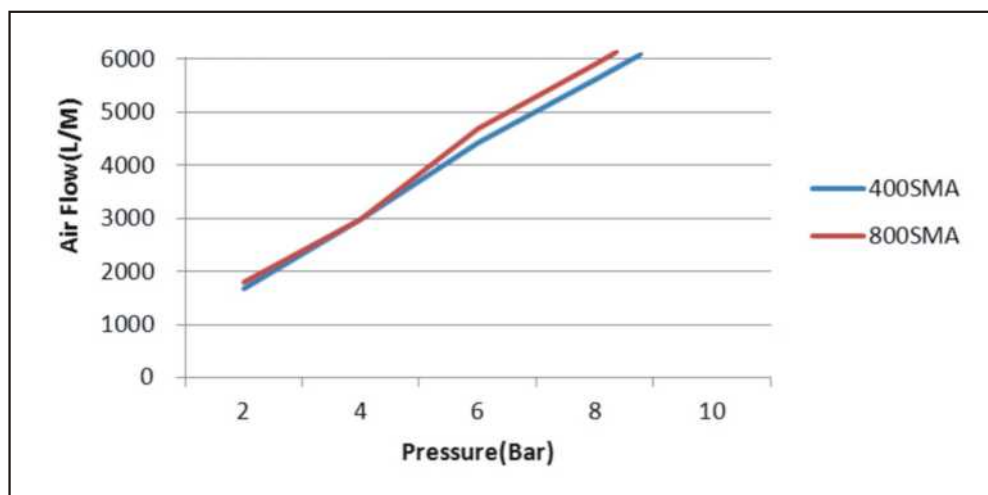
Part No.	A	ϕT	ϕC	(L)
400PHA	24	14	22	67
600PHA		21	30	76
800PHA		27	34	86

Part No.	ϕD	T	(L)
400SMA	35	1/2"	64.3
600SMA		3/4"	67.3
800SMA		1"	70.3

Part No.	A	T	H	(L)
400PMA	24	1/2"	22	50
600PMA		3/4"	32	55
800PMA		1"	35	63

Part No.	ϕD	T	(L)
400SFA	35	1/2"	58.3
600SFA		3/4"	62.3
800SFA		1"	68.3

Part No.	A	T	H	(L)
400PFA	24	1/2"	29	42
600PFA		3/4"	32	46
800PFA		1"	41	52



AIR QUICK COUPLER

SAFETY PUSH-BUTTON COUPLERS

SAFETY PUSH-BUTTON COUPLERS

R.O.C. Patent NO.M615967
R.O.C. Patent NO.M587240

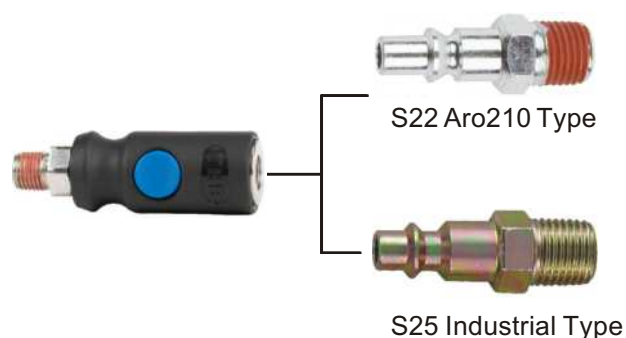
Part No.	Size			Part No.	Size
S20P-20SM	1/4"NPT			S25-20PMA	1/4"NPT
S20P-30SM	3/8"NPT			S25-30PMA	3/8"NPT
S20P-20SF	1/4"NPT			S25-20PFA	1/4"NPT
S20P-30SF	3/8"NPT			S25-30PFA	3/8"NPT
S20P-20SH	1/4"HOSE			S25-20PHA	1/4"HOSE
S20P-30SH	3/8"HOSE			S25-30PHA	3/8"HOSE

FEATURES :

1. Compatible with other manufacturer's ARO/Industrial Interchange
2. Yellow zinc dichromate-plated steel
3. Convenient and safe connection design
4. Certificate of RoHS compliance

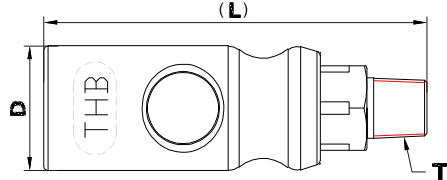
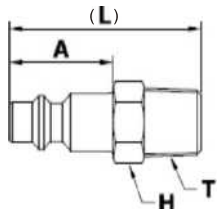
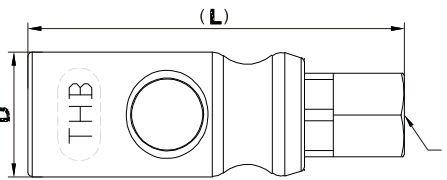
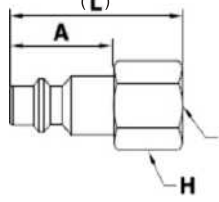
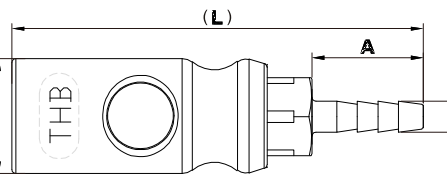
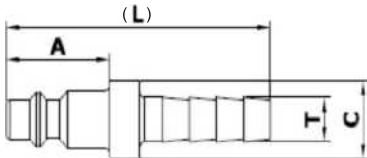
APPLICATION :

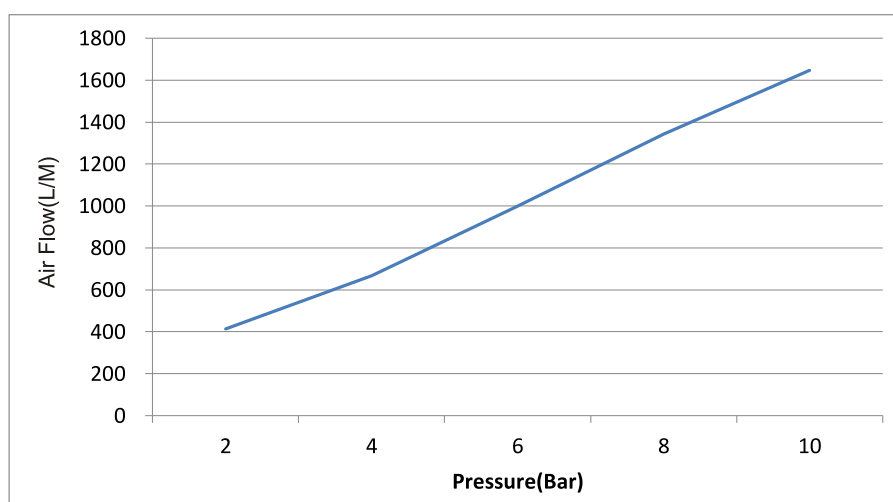
1. Pneumatic tools
2. Air piping
3. Air pressure equipment



SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)
Meet The International Norms	ANSI / ASME B1.20.1/ DIN 2999

									
Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)	
S20P-20SM	1/4"	28	85	S25-20PMA	23.7	1/4"	14.3	43	
S20P-30SM	3/8"		86	S25-30PMA		3/8"	17.5	44.5	
									
Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)	
S20P-20SF	1/4"	28	84.5	S25-20PFA	23.7	1/4"	15.8	40	
S20P-30SF	3/8"		85.5	S25-30PFA		3/8"	20.6	40.7	
									
Part NO.	T	A	ΦD	(L)	Part NO.	T	A	ΦD	(L)
S20P-20SH	7.5	27	28	99.2	S25-20PHA	7.5	23.7	16	50.2
S20P-30SH	10.5	30		102.2	S25-30PHA	10.5			63.7



AIR QUICK COUPLER

UNIVERSAL 1/4" BODY AUTOMATIC 3 IN 1

UNIVERSAL 1/4" BODY, AUTOMATIC 3 IN 1

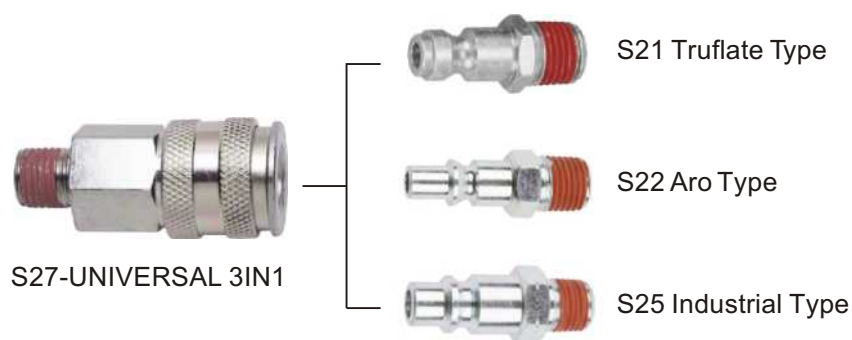
Part No.	Size			Part No.	Size
S27-20SMA	1/4"NPT			S21-20PMA	1/4"NPT
S27-30SMA	3/8"NPT			S21-30PMA	3/8"NPT
S27-20SFA	1/4"NPT			S22-20PMA	1/4"NPT
S27-30SFA	3/8"NPT			S22-30PMA	3/8"NPT
S27-20SHA	1/4"Hose			S25-20PMA	1/4"NPT
S27-25SHA	5/16"Hose			S25-30PMA	3/8"NPT
S27-30SHA	3/8"Hose				

FEATURES :

1. 1/4" body design fit for Industrial / Automotive / Tru-Flate, and ARO Interchange
2. Four stainless steel locking balls design as option Automatic design
3. Certificate of RoHS compliance

APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment



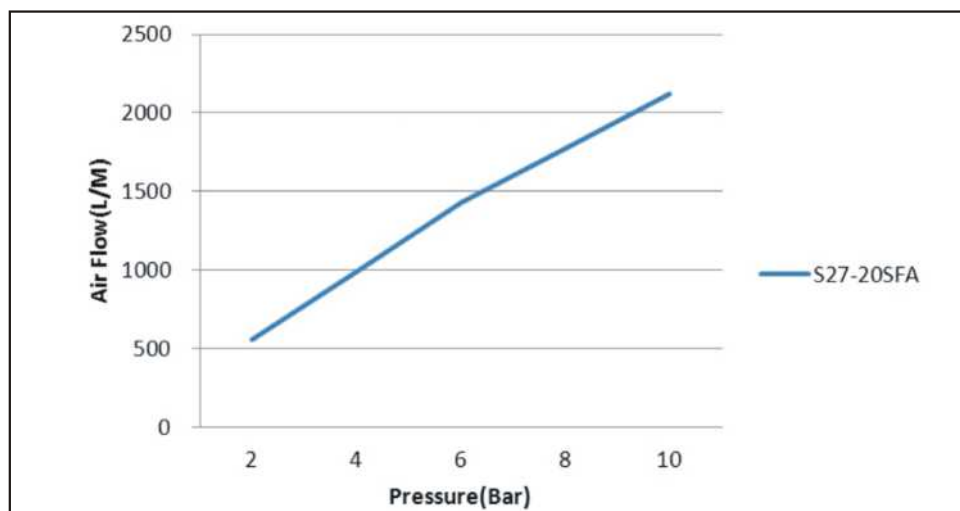
SPECIFICATION :

Material	Steel	Brass
Thread	NPT	
Working Pressure	218PSI(15Bar/1.5MPa)	145PSI(10Bar/1MPa)
Maximum Pressure	290PSI(20Bar/2MPa)	218PSI(15Bar/1.5MPa)
Temperature Range	-20°C~ + 80°C	
Size	1/4"(20 TYPE)	
	3/8"(30 TYPE)	

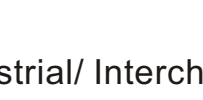
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S27-20SMA	1/4"	25	55	S21-20PMA	23.7	1/4"	14.3	43
S27-30SMA	3/8"		55.5	S21-30PMA	20	3/8"	17.5	40

Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S27-20SFA	1/4"	25	52.2	S22-20PMA	23.7	1/4"	14	43.7
S27-30SFA	3/8"			S22-30PMA	24.7	3/8"	14.3	

Part No.	A	T	ϕD	(L)	Part No.	A	T	H	(L)	
S27-20SHA	27	7.5	25	69.8	S25-20PMA	23.7	1/4"	14.3	43	
S27-25SHA	30	9		72.8	S25-30PMA		3/8"	17.5	44.5	
S27-30SHA	20	10.5		62.8						



INDUSTRIAL TYPE 1/4" BODY BRASS COUPLER

Part No.	Size			Part No.	Size
S20-20SMB	1/4" NPT			S20-20PMB	1/4" NPT
S20-30SMB	3/8" NPT			S20-30PMB	3/8" NPT
S20-20SFB	1/4" NPT			S20-20PFB	1/4" NPT
S20-30SFB	3/8" NPT			S20-30PFB	3/8" NPT
S20-20SHB	1/4" HOSE			S20-20PHB	1/4" HOSE
S20-30SHB	3/8" HOSE			S20-30PHB	3/8" HOSE
S20-20STB	1/4" HOSE			S20-20PTB	1/4" HOSE
S20-30STB	3/8" HOSE			S20-30PTB	3/8" HOSE

FEATURES :

1. Compatible with Industrial/ Interchange
2. Brass Coupler
3. Certificate of RoHS compliance
4. Six stainless steel locking balls design is able to prolong the life

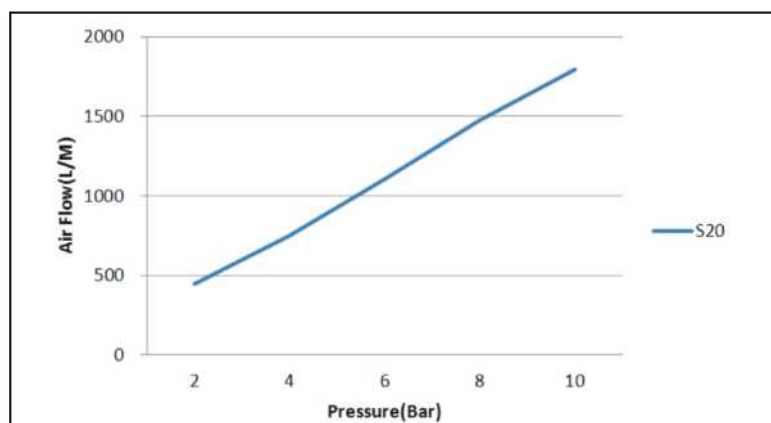
APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Brass
Thread	NPT
Working Pressure	150PSI(10Bar/1MPa)
Maximum Pressure	218PSI(15Bar/1.5MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)
Meet The International Norms	ANSI / ASME B1.20.1 / DIN 2999

Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)
S20-20SMB	1/4"	24	47.8	S20-20PMB	23	1/4"	14	38.5
S20-30SMB	3/8"			S20-30PMB		3/8"	17	40
Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)
S20-20SFB	1/4"	23.5	46	S20-20PFB	23	1/4"	16	36
S20-30SFB	3/8"		48.5	S20-30PFB		3/8"	19	38.5
Part NO.	T	D	(L)	Part NO.	A	T	D	(L)
S20-20SHB	1/4"HOSE	23.5	56.5	S20-20PHB	23	1/4"	13.5	46.5
S20-30SHB	3/8"HOSE			S20-30PHB		3/8"	14	48
Part NO.	T	D	(L)	Part NO.	A	T	D	(L)
S20-20STB	1/4"HOSE	23.5	57.5	S20-20PTB	23	1/4"	17	47
S20-30STB	3/8"HOSE		61	S20-30PTB		3/8"	21.6	50.5



AIR QUICK COUPLER

INDUSTRIAL TYPE 1/4" BODY

INDUSTRIAL TYPE 1/4" BODY

Part No.	Size			Part No.	Size
S29-20SMA	1/4"NPT			S25-10PMA	1/8"NPT
S29-30SMA	3/8"NPT			S25-20PMA	1/4"NPT
S29-20SFA	1/4"NPT			S25-30PMA	3/8"NPT
	3/8"NPT			S25-40PMA	1/2"NPT
S29-20SFA	1/4"NPT			S25-20PFA	1/4"NPT
S29-30SFA	3/8"NPT			S25-30PFA	3/8"NPT
S29-20SHA	1/4"HOSE			S25-40PFA	1/2"NPT
S29-30SHA	3/8"HOSE			S25-20PHA	1/4"Hose
S29-20SHA	1/4"HOSE			S25-30PHA	3/8"Hose
S29-30SHA	3/8"HOSE			S25-40PHA	1/2"Hose
S29-20SHA	1/4"HOSE			S25-30PPA	1/4"Hose
S29-30SHA	3/8"HOSE			S25-45PPA	3/8"Hose
S29-20STA	1/4"HOSE			S25-20PTA	1/4"Hose
S29-30STA	3/8"HOSE			S25-30PTA	3/8"Hose

FEATURES :

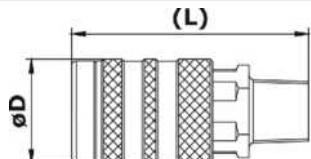
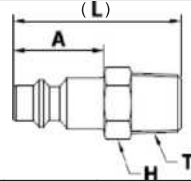
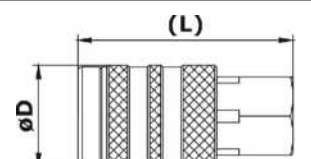
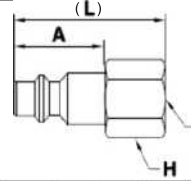
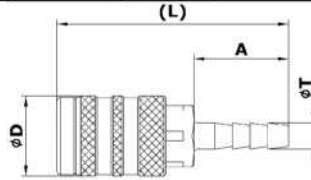
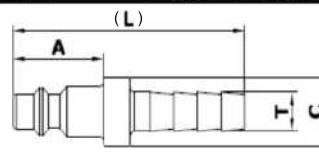
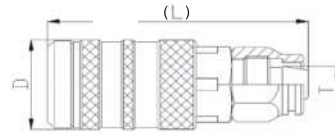
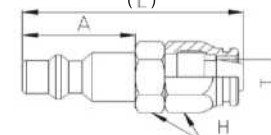
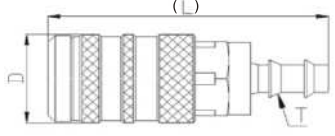
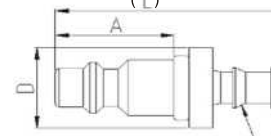
1. Compact design
2. Compatible with other manufacturer's Industrial Interchange
3. Six stainless steel locking balls design
4. Certificate of RoHS compliance

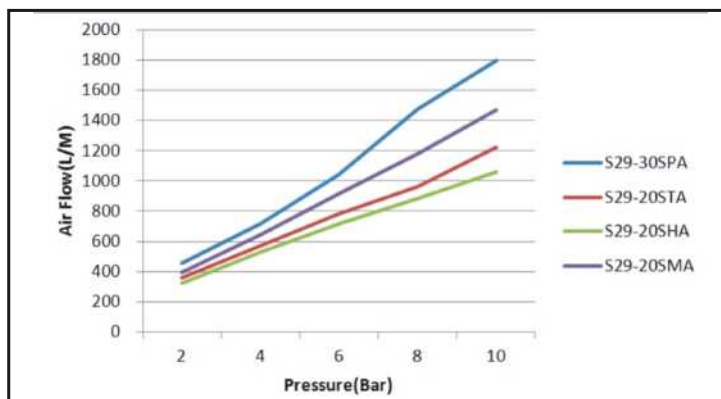
APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)
Meet The International Norms	ANSI / ASME B1.20.1/ DIN 2999

									
Part NO.	T	Φ D	(L)	Part NO.	A	T	H	(L)	
S29-20SMA	1/4"	23	52.1	S25-10PMA	23.7	1/8"	14.3	39.7	
S29-30SMA	3/8"		50.7	S25-20PMA		1/4"	14.3	43	
				S25-30PMA		3/8"	17.5	44.5	
									
Part NO.	T	Φ D	(L)	Part NO.	A	T	H	(L)	
S29-20SFA	1/4"	23	48	S25-20PFA	23.7	1/4"	15.8	40	
S29-30SFA	3/8"		49.5	S25-30PFA		3/8"	20.6	40.7	
									
Part NO.	A	T	Φ D	(L)	Part NO.	A	Φ T	Φ C	(L)
S29-20SHA	27	1/4"HOSE	23	66	S25-20PHA	23.7	7.5	16	50.2
S29-30SHA	30	3/8"HOSE		69	S25-30PHA		10.5		63.7
									
Part NO.	T	Φ D	(L)	Part NO.	A	T	H	(L)	
S29-30SPA	1/4"HOSE	23	54.5	S25-30PPA	23	1/4"	15	45	
S29-45SPA	3/8"HOSE		59.5	S25-45PPA		3/8"	19	47	
									
Part NO.	T	Φ D	(L)	Part NO.	A	T	D	(L)	
S29-20STA	1/4"HOSE	23	59	S25-20PTA	23	1/4"	17	47	
S29-30STA	3/8"HOSE		62.5	S25-30PTA		3/8"	21.6	50.5	



INDUSTRIAL TYPE 3/8" BODY

Part No.	Size			Part No.	Size
S24-20SMA	1/4" NPT			S24-20PMA	1/4" NPT
S24-30SMA	3/8" NPT			S24-30PMA	3/8" NPT
S24-40SMA	1/2" NPT			S24-40PMA	1/2" NPT
S24-20SFA	1/4" NPT			S24-20PFA	1/4" NPT
S24-30SFA	3/8" NPT			S24-30PFA	3/8" NPT
S24-40SFA	1/2" NPT			S24-40PFA	1/2" NPT

FEATURES :

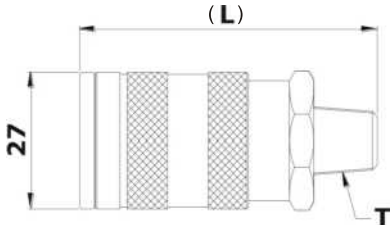
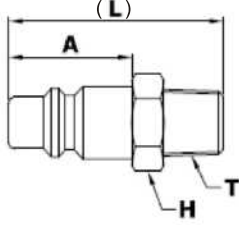
1. 3/8" body design for Industrial Interchange
2. Compatible with other manufacturer's Industrial / Automotive / Tru-Flate interchange
3. Eight stainless steel locking balls design as option
4. Certificate of RoHS compliance

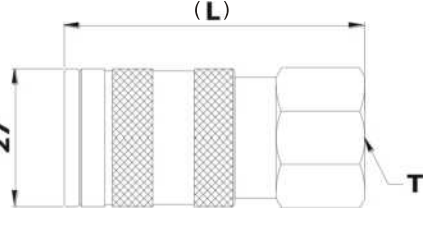
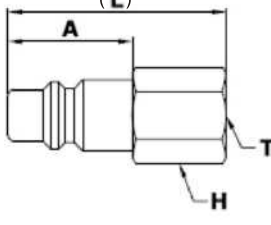
APPLICATION :

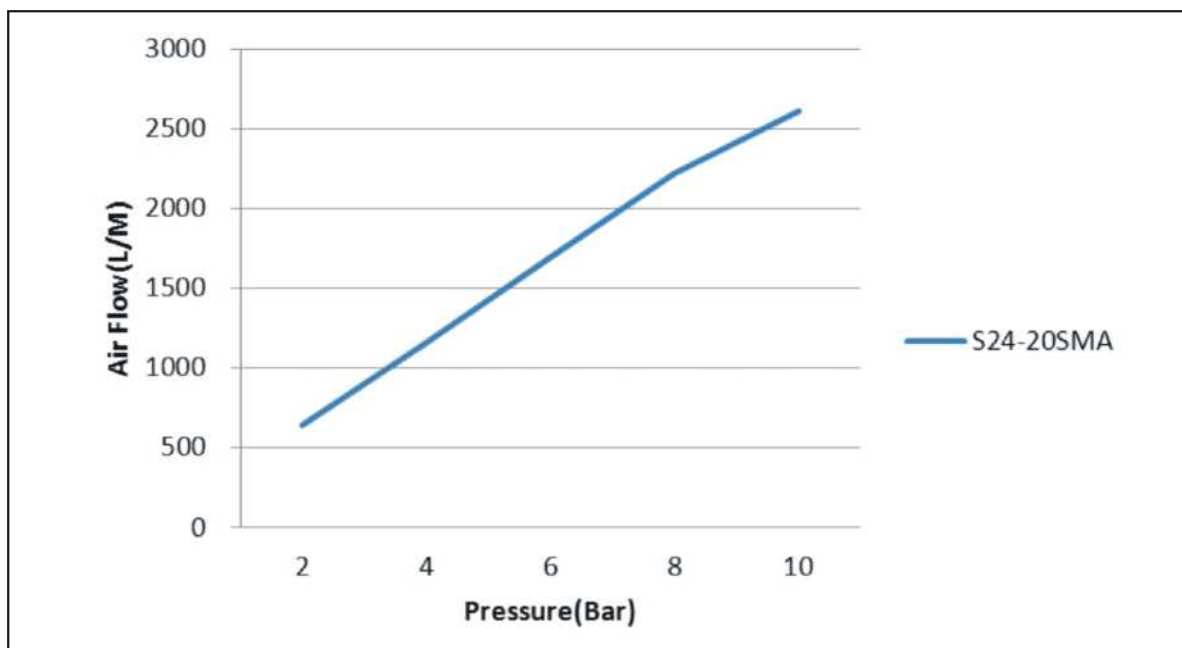
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)
	1/2"(40 TYPE)

							
Part NO.	T	(L)	Part No.	A	T	H	(L)
S24-20SMA	1/4"	58	S24-20PMA	27	1/4"	17.5	47
S24-30SMA	3/8"	59	S24-30PMA		3/8"	17.5	48
S24-40SMA	1/2"	62	S24-40PMA		1/2"	21	51

							
Part NO.	T	(L)	Part No.	A	T	H	(L)
S24-20SFA	1/4"	55.5	S24-20PFA	27	1/4"	17.5	47.3
S24-30SFA	3/8"	58.5	S24-30PFA		3/8"	21	
S24-40SFA	1/2"	62.5	S24-40PFA		1/2"	24	



INDUSTRIAL TYPE 1/2" BODY

Part No.	Size			Part No.	Size
S2D-30SMA	3/8"NPT			S2D-30PMA	3/8"NPT
S2D-40SMA	1/2"NPT			S2D-40PMA	1/2"NPT
S2D-30SFA	3/8"NPT			S2D-30PFA	3/8"NPT
S2D-40SFA	1/2"NPT			S2D-40PFA	1/2"NPT
S2D-40SHA	1/2"HOSE			S2D-40PHA	1/2"HOSE

FEATURES :

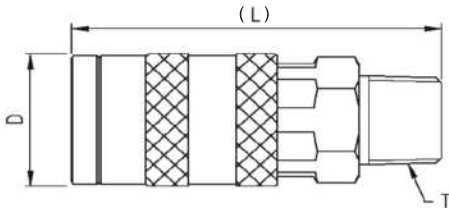
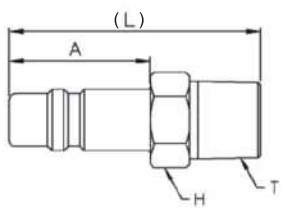
1. 1/2" body design for Industrial Interchange
2. Compatible with other manufacturer's Industrial interchange
3. Six steel locking balls design
4. Certificate of RoHS compliance

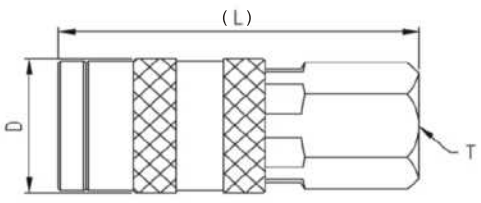
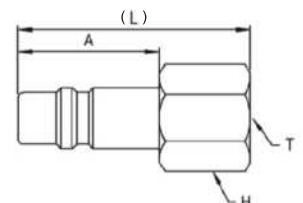
APPLICATION :

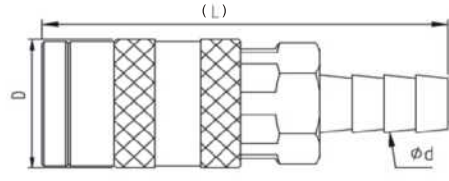
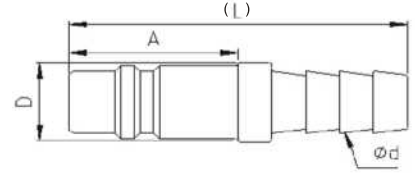
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

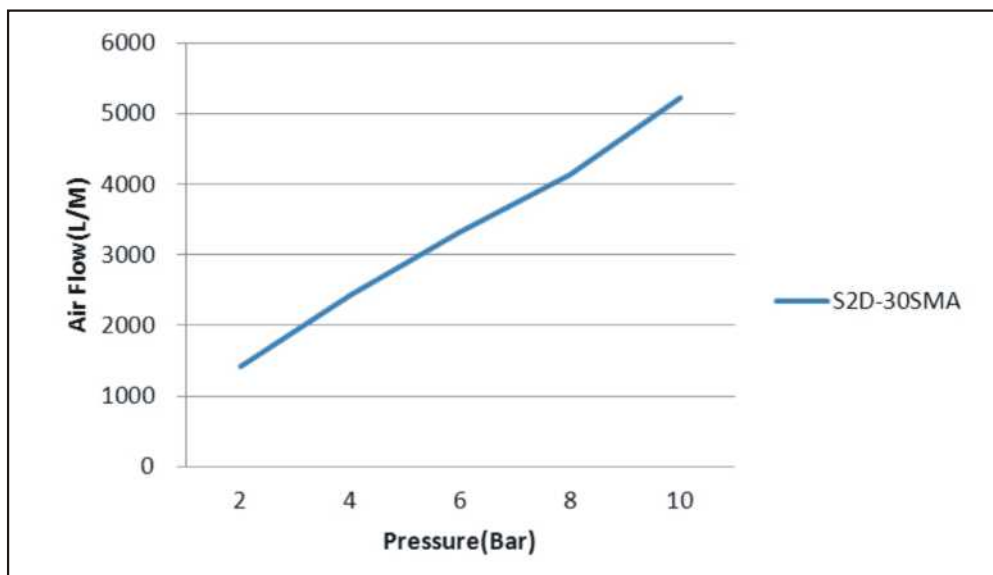
SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~+ 80°C
Size	3/8"(30 TYPE)
	1/2"(40 TYPE)

								
Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)
S2D-30SMA	3/8"	31	75	S2D-30PMA	34.9	3/8"	17.5	55.9
S2D-40SMA	1/2"		78.2	S2D-40PMA	34.9	1/2"	22.2	62.1

								
Part NO.	T	ΦD	(L)	Part NO.	A	T	H	(L)
S2D-30SFA	3/8"	31	76	S2D-30PFA	34.9	3/8"	22.2	54
S2D-40SFA	1/2"		76	S2D-40PFA	34.9	1/2"	25.4	57.4

								
Part NO.	Φd	D	(L)	Part NO.	A	Φd	D	(L)
S2D-40SHA	14	31	89	S2D-40PHA	34.9	14	18	70



ARO TYPE 1/4" BODY

Part No.	Size			Part No.	Size
S22-20SMA	1/4" NPT			S22-20PMA	1/4" NPTF
S22-30SMA	3/8" NPT			S22-30PMA	3/8" NPT
S22-20SFA	1/4" NPT			S22-20PFA	1/4" NPT
S22-30SFA	3/8" NPT			S22-30PFA	3/8" NPT
S22-20SHA	1/4" HOSE			S22-20PHA	1/4" HOSE
S22-25SHA	5/16" HOSE			S22-25PHA	5/16" HOSE
S22-30SHA	3/8" HOSE			S22-30PHA	3/8" HOSE

FEATURES :

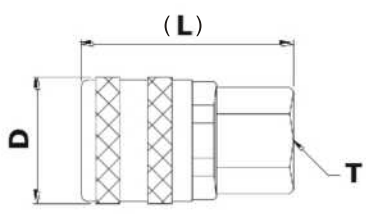
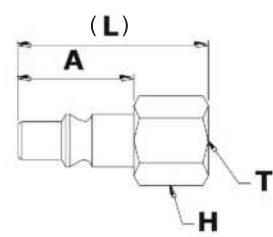
1. Compatible with other manufacturers' ARO Interchange
2. Yellow zinc dichromate-plated steel
3. Certificate of RoHS compliance

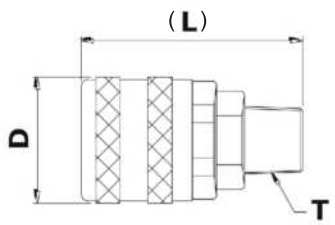
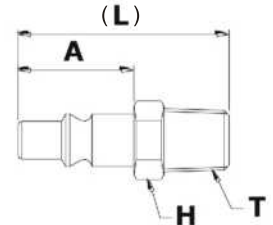
APPLICATION :

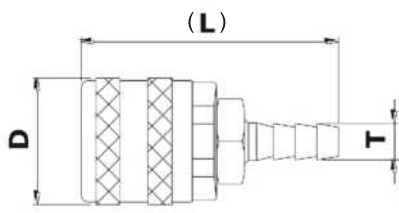
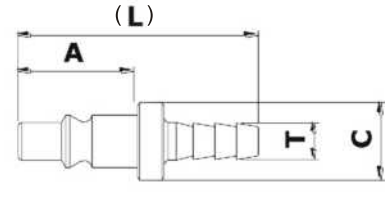
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

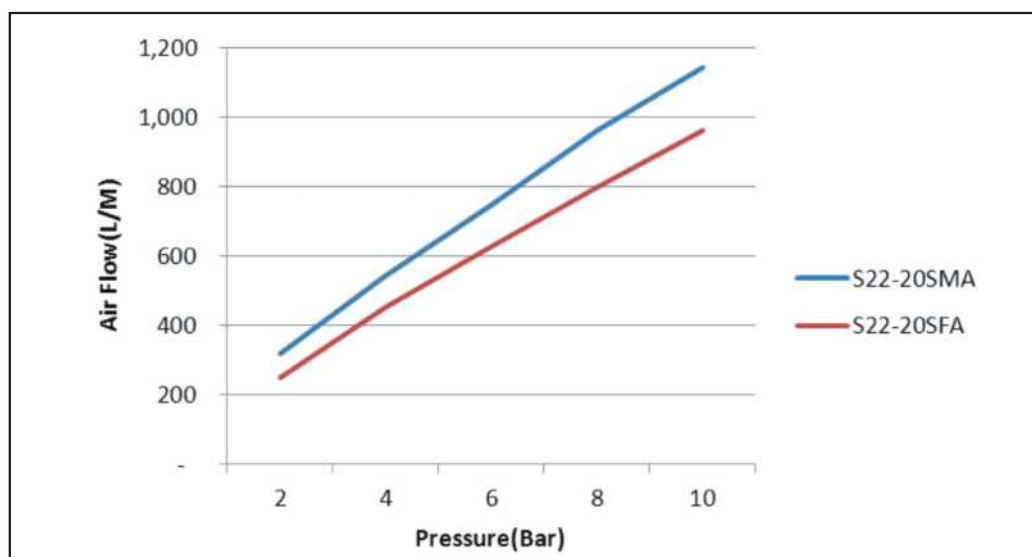
SPECIFICATION :

Material	Steel	Brass
Thread	NPT	
Working Pressure	218PSI(15Bar/1.5MPa)	145PSI(10Bar/1.0MPa)
Maximum Pressure	290PSI(20Bar/2MPa)	218PSI(15Bar/1.5MPa)
Temperature Range	-20°C~ + 80°C	
Size	1/4" (20 Type)	
	3/8" (30 Type)	

								
Item NO.	T	ΦD	(L)	Item NO.	A	T	H	(L)
S22-20SFA	1/4"	26	44	S22-20PFA	24.7	1/4"	16	39.4
S22-30SFA	3/8"		50	S22-30PFA		3/8"	21	40.8

								
Item NO.	T	ΦD	(L)	Item NO.	A	T	H	(L)
S22-20SMA	1/4"	26	46	S22-20PMA	24.7	1/4"	14	43.7
S22-30SMA	3/8"		48	S22-30PMA		3/8"	17.5	

								
Item NO.	T	ΦD	(L)	Item NO.	A	T	ΦC	(L)
S22-20SHA	1/4"	26	53	S22-20PHA	24.7	1/4"	15.87	49.7
S22-25SHA	5/16"		62	S22-25PHA		5/16"		58.2
S22-30SHA	3/8"		62	S22-30PHA		3/8"		58.2



ARO TYPE 3/8" BODY

Part No.	Size			Part No.	Size
S2A-20SMA	1/4" NPT			S2A-20PMA	1/4" NPT
S2A-30SMA	3/8" NPT			S2A-30PMA	3/8" NPT
S2A-20SFA	1/4" NPT			S2A-20PFA	1/4" NPT
S2A-30SFA	3/8" NPT			S2A-30PFA	3/8" NPT

FEATURES :

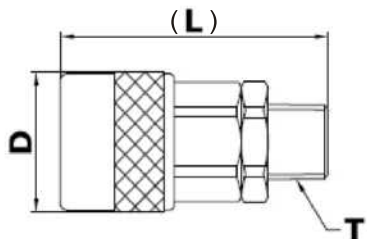
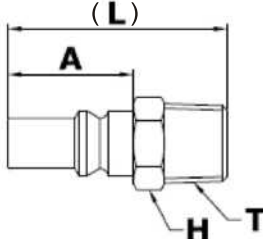
1. Compatible with other manufacturers' ARO Interchange
2. Yellow zinc dichromate-plated steel
3. Certificate of RoHS compliance

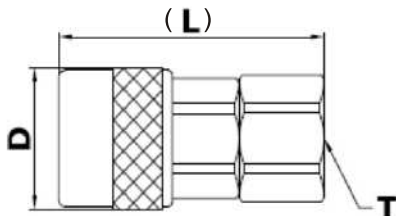
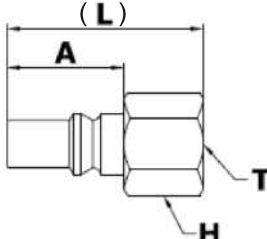
APPLICATION :

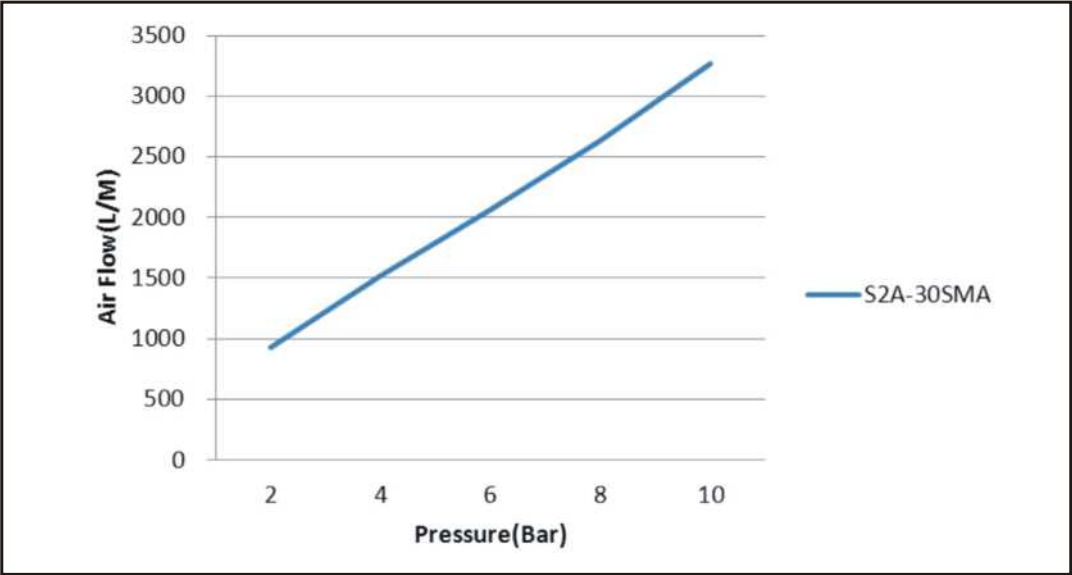
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)

								
Part No.	ϕD	T	(L)	Part No.	A	H	T	(L)
S2A-20SMA	30.6	1/4"	60	S2A-20PMA	15	16	1/4"	48.5
S2A-30SMA		3/8"		S2A-30PMA		17.5	3/8"	49

								
Part No.	ϕD	T	(L)	Part No.	A	H	T	(L)
S2A-20SFA	30.6	1/4"	58.5	S2A-20PFA	15	16.6	1/4"	44.5
S2A-30SFA		3/8"		S2A-30PFA		20.6	3/8"	47



TRUFLATE TYPE (AUTOMOTIVE) 1/4" BODY

Part No.	Size			Part No.	Size
S21-20SMA	1/4"NPT			S21-20PMA	1/4"NPT
S21-30SMA	3/8"NPT			S21-30PMA	3/8"NPT
S21-20SFA	1/4"NPT			S21-20PFA	1/4"NPT
S21-30SFA	3/8"NPT			S21-30PFA	3/8"NPT
S21-20SHA	1/4"HOSE			S21-20PHA	1/4"HOSE
S21-30SHA	3/8"HOSE			S21-30PHA	3/8"HOSE

FEATURES :

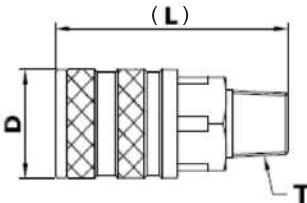
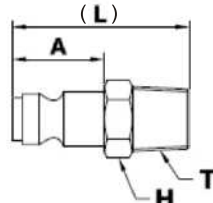
1. Compatible with other manufacturers' Automotive / Tru-Flate Interchange
2. Six stainless steel locking balls design as option
3. Yellow zinc dichromate-plated steel
4. Certificate of RoHS compliance

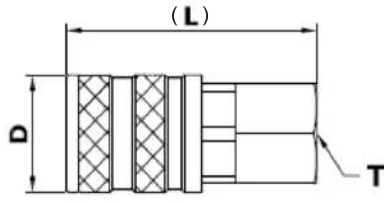
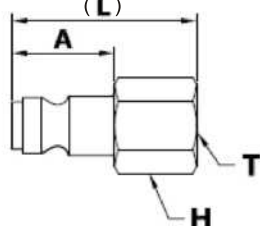
APPLICATION :

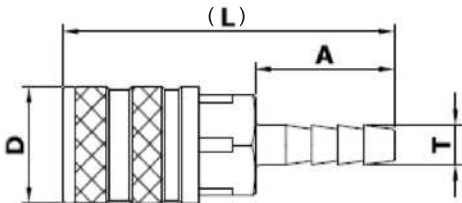
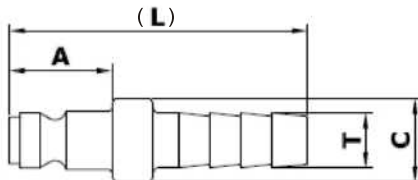
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

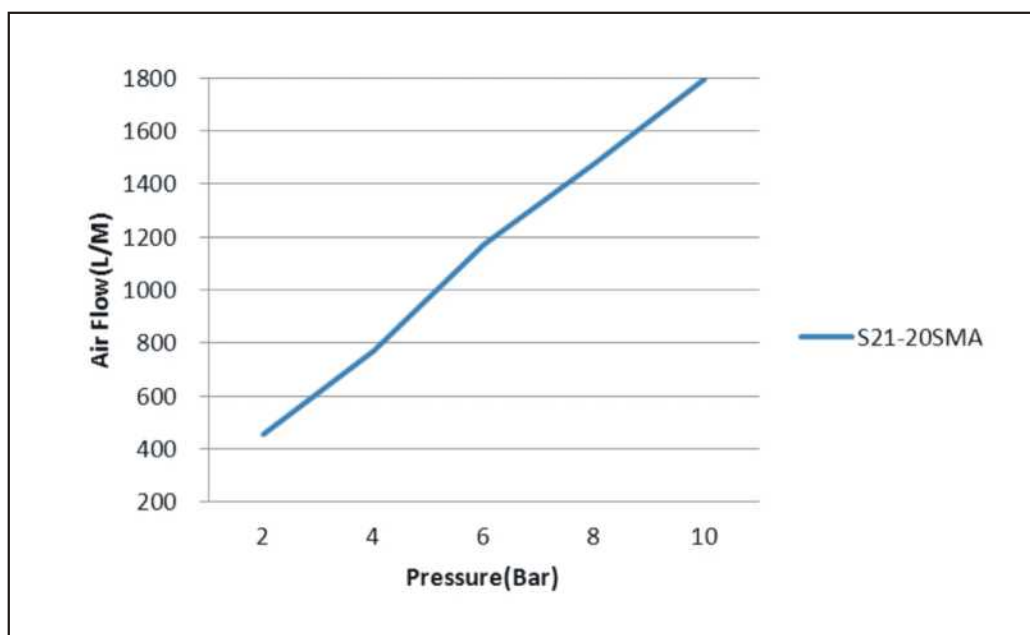
SPECIFICATION :

Material	Steel	Brass
Thread	NPT	
Working Pressure	218PSI(15Bar/1.5MPa)	145PSI(10Bar/1MPa)
Maximum Pressure	290PSI(20Bar/2MPa)	218PSI(15Bar/1.5MPa)
Temperature Range	-20°C~ +80°C	
Size	1/4"(20 Type)	
	3/8" (30Type)	

								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S21-20SMA	1/4"	22	49.5	S21-20PMA	23.7	1/4"	14.3	43
S21-30SMA	3/8"		50.5	S21-30PMA	20	3/8"	17.5	40

								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S21-20SFA	1/4"	22	48.5	S21-20PFA	20	1/4"	15.8	36
S21-30SFA	3/8"		49.5	S21-30PFA		3/8"	21	38

									
Part No.	A	ϕT	ϕD	(L)	Part No.	A	ϕT	ϕC	(L)
S21-20SHA	27	7.5	22	63.6	S21-20PHA	20	7.5	16	55
S21-30SHA	30	10.5		66.6	S21-30PHA		10.5		58



AIR QUICK COUPLER

UNIVERSAL 3/8" BODY, AUTOMATIC 2 IN 1

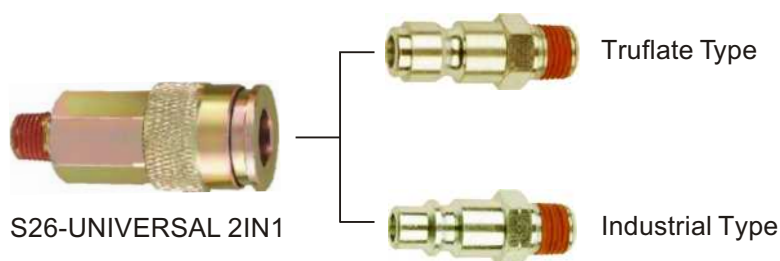
Part No.	Size			Part No.	Size
S26-20SMA	1/4"NPT			S26-20PMA	1/4"NPT
S26-30SMA	3/8"NPT			S26-30PMA	3/8"NPT
S26-20SFA	1/4"NPT			S26-20PFA	1/4"NPT
S26-30SFA	3/8"NPT			S26-30PFA	3/8"NPT

FEATURES :

1. 3/8" body design fit for Industrial / Automotive / Tru-Flate, and ARO Interchange
2. Eight stainless steel locking balls design as option Automatic design
3. Certificate of RoHS compliance

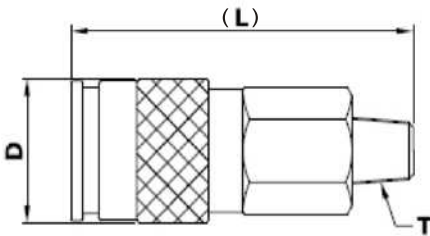
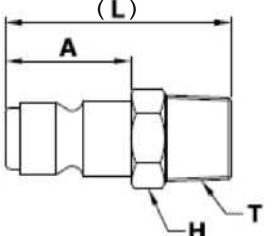
APPLICATION :

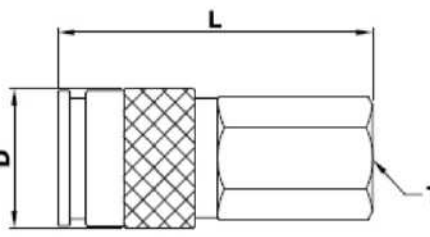
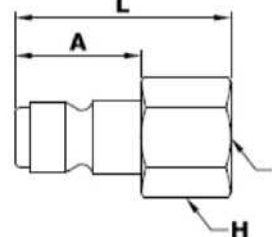
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

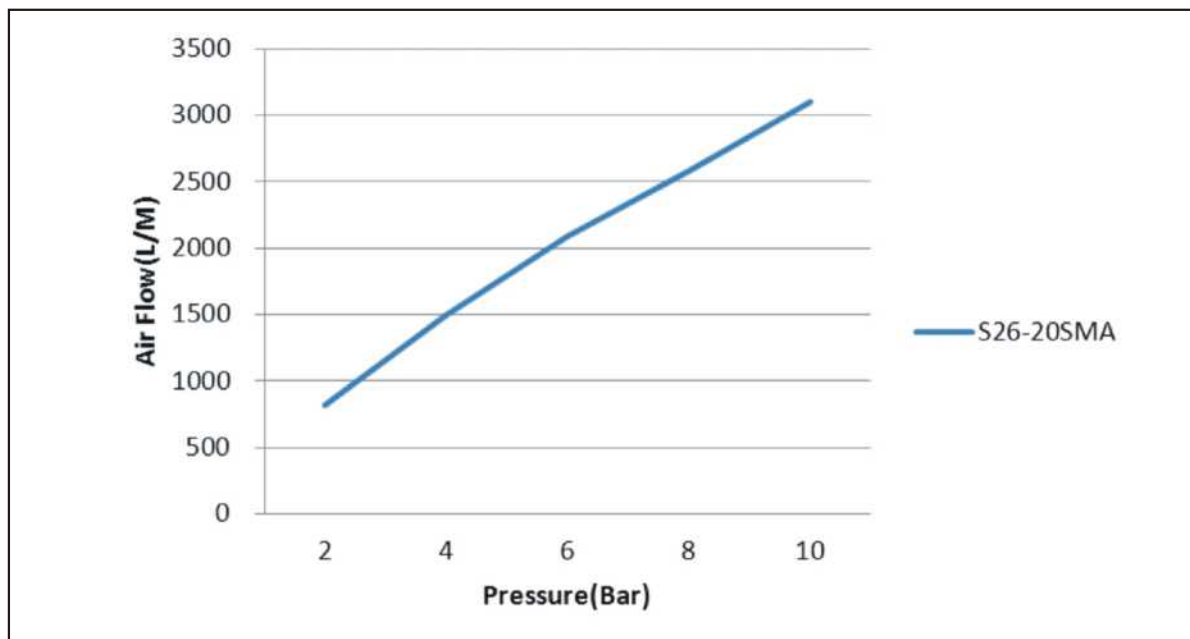


SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)

								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S26-20SMA	1/4"	29	69	S26-20PMA	26.3	1/4"	15.8	45.7
S26-30SMA	3/8"			S26-30PMA		3/8"	17.5	47

								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S26-20SFA	1/4"	29	66	S26-20PFA	26.3	1/4"	15.8	43.7
S26-30SFA	3/8"			S26-30PFA		3/8"	20.6	45



SCHRADER TYPE

Part No.	Size			Part No.	Size
S45-20SMA	1/4"NPT			S45-20PMA	1/4"NPT
S45-30SMA	3/8"NPT			S45-20PFA	1/4"NPT
S45-20SFA	1/4"NPT			S45-20PHA	1/4"HOSE

FEATURES :

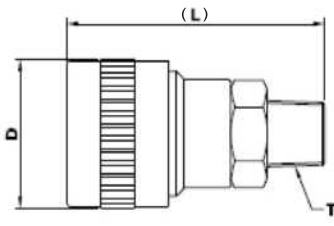
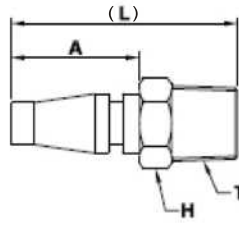
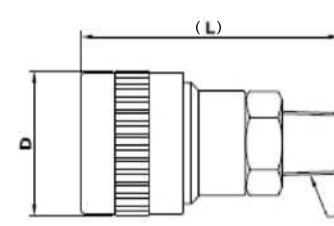
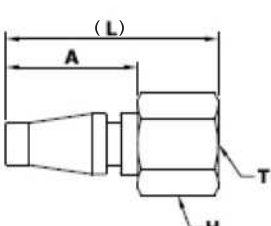
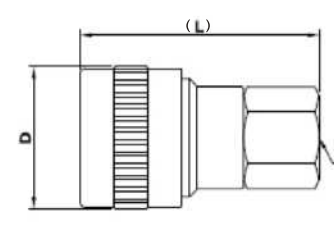
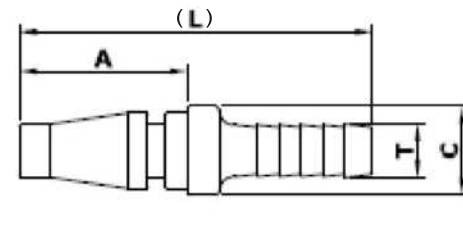
1. Safety lock design to avoid accident release
2. Aluminum body for light weight
3. Certificate of RoHS compliance

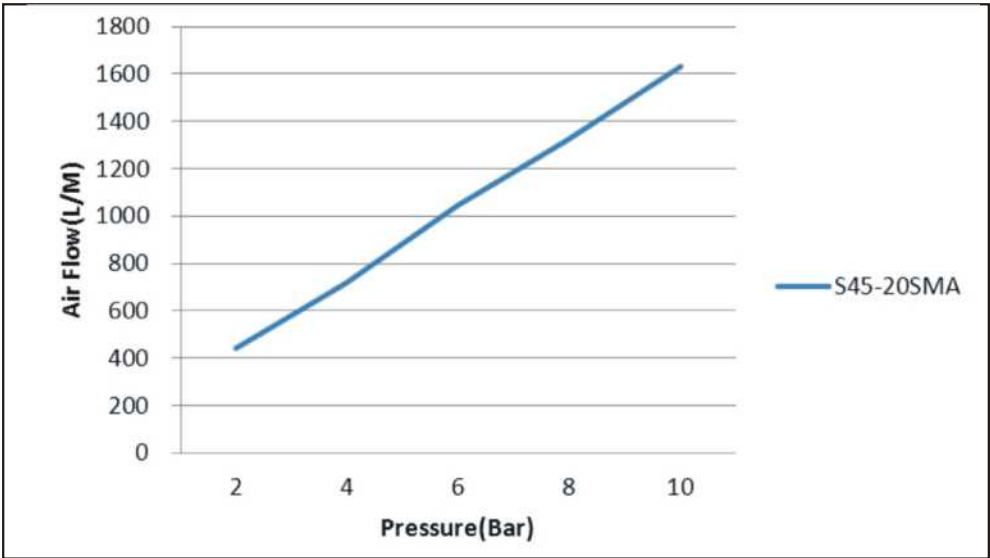
APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Steel
Thread	NPT
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C ~ +80°C
Size	1/4"
	3/8"

								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S45-20SMA	1/4"	30	56	S45-20PMA	24.6	1/4"	14.3	43.4
								
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)
S45-30SMA	3/8"	30	57.7	S45-20PFA	24.6	1/4"	16	39.6
								
Part No.	T	ϕD	(L)	Part No.	A	ϕT	ϕC	(L)
S45-20SFA	1/4"	30	52	S45-20PHA	24.6	7.7	12.5	51.7



SAFETY PUSH-BUTTON COUPLERS

Part No.	Size			Part No.	Size
S30P-20SM	1/4"PT			S31-20PMA	1/4"PT
S30P-30SM	3/8"PT			S31-30PMA	3/8"PT
S30P-20SF	1/4"G			S31-40PMA	1/2"PT
S30P-30SF	3/8"G			S31-20PFA	1/4"G
S30P-20SH	ID.6mm			S31-30PFA	3/8"G
S30P-30SH	ID.9mm			S31-40PFA	1/2"G
				S31-20PHA	ID.6mm
				S31-30PHA	ID.9mm
				S31-40PHA	ID.13mm

FEATURES :

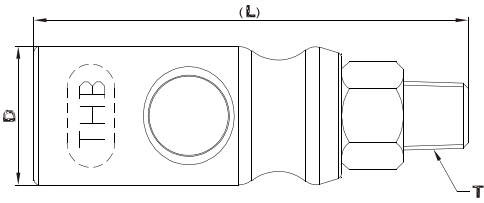
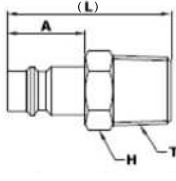
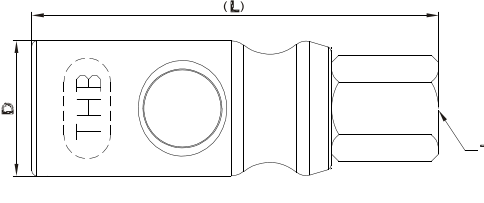
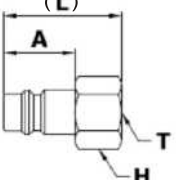
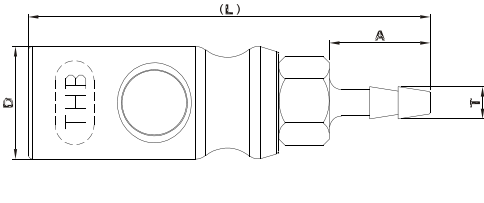
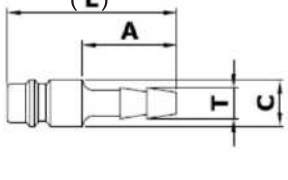
1. Compatible with other manufacturer's Orion Interchange
2. Convenient and safe connection design
3. Certificate of RoHS compliance

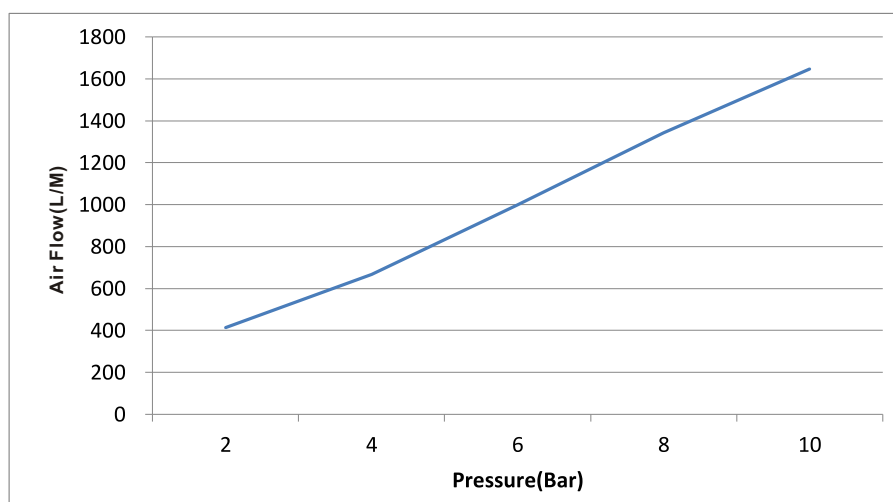
APPLICATION:

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Steel
Thread	(G,PT)
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4"(20 TYPE)
	3/8"(30 TYPE)

									
Part NO.	T	ΦD	(L)	Part NO.	T	A	H	(L)	
S30P-20SM	1/4"	32	89	S31-20PMA	1/4"	20	14	40	
S30P-30SM	3/8"		90	S31-30PMA	3/8"		17	42	
				S31-40PMA	1/2"		21	43	
									
Part NO.	T	ΦD	(L)	Part NO.	T	A	H	(L)	
S30P-20SF	1/4"	32	85	S31-20PFA	1/4"	20	17	33	
S30P-30SF	3/8"		87	S31-30PFA	3/8"		19		
				S31-40PFA	1/2"		24		
									
Part NO.	T	A	ΦD	(L)	Part NO.	T	A	C	(L)
S20P-20SH	7.5	25	32	99	S31-20PHA	8	25	12	45
S20P-30SH	10.4			S31-30PHA	11				
				S31-40PHA	15				



HIGH FLOW UNIVERSAL

Part No.	Size			Part No.	Size
S31-20SMA	1/4"PT			S31-20PMA	1/4"PT
S31-30SMA	3/8"PT			S31-30PMA	3/8"PT
S31-40SMA	1/2"PT			S31-40PMA	1/2"PT
S31-20SFA	1/4"G			S31-20PFA	1/4"G
S31-30SFA	3/8"G			S31-30PFA	3/8"G
S31-40SFA	1/2"G			S31-40PFA	1/2"G
S31-20SPA	5x8mm			S31-20PPA	5x8mm
S31-30SPA	6.5x10mm			S31-30PPA	6.5x10mm
S31-40SPA	8x12mm			S31-40PPA	8x12mm
S31-50SPA	11x16mm			S31-50PPA	11x16mm
S31-20SHA	ID.6mm			S31-20PHA	ID.6mm
S31-25SHA	ID.8mm			S31-25PHA	ID.8mm
S31-30SHA	ID.9mm			S31-30PHA	ID.9mm
S31-35SHA	ID.10mm			S31-35PHA	ID.10mm
S31-40SHA	ID.13mm			S31-40PHA	ID.13mm

FEATURES :

1. Universal type fit for the most popular interchanges including Orion, Industrial, and ARO
2. Easy to connect
3. Automatic design
4. Interchangeable with RECTUS 25KB series
5. Certificate of RoHS compliance

APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

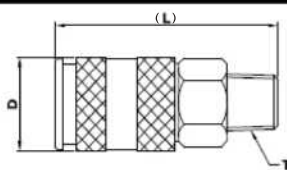
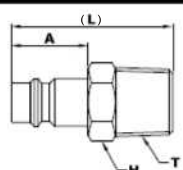


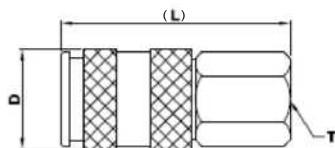
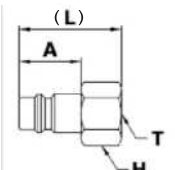
S31-UNIVERSAL 4IN1

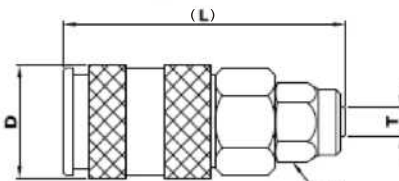
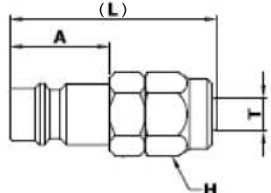


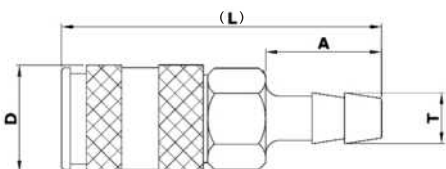
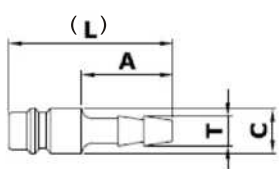
SPECIFICATION :

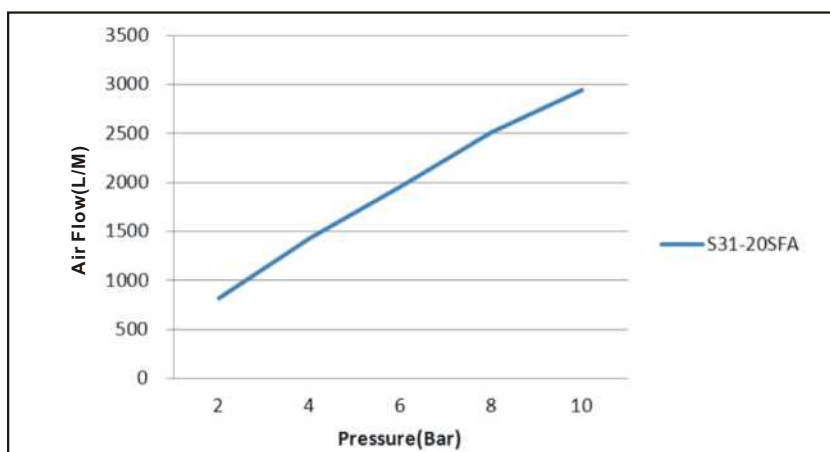
Material	Steel	Brass
Thread	(G,PT)	
Working Pressure	218PSI(15Bar/1.5MPa)	
Maximum Pressure	290PSI(20Bar/2MPa)	
Temperature Range	-20°C~ + 80°C	
Meet The International Norms	JIS B 0202	JIS B 0203

								
Part No.	T	φD	(L)	Part No.	A	T	H	(L)
S31-20SMA	1/4"	23	57	S31-20PMA	20	1/4"	14	40
S31-30SMA	3/8"		58	S31-30PMA		3/8"	17	42
S31-40SMA	1/2"		60	S31-40PMA		1/2"	21	43

								
Part No.	T	φD	(L)	Part No.	A	T	H	(L)
S31-20SFA	1/4"	23	53.7	S31-20PFA	20	1/4"	17	33
S31-30SFA	3/8"			19				
S31-40SFA	1/2"			24				

									
Part No.	φD	T	H	(L)	Part No.	A	T	H	(L)
S31-20SPA	23	5x8mm	14	59	S31-20PPA	20	5x8mm	14	41.5
S31-30SPA		6.5x10mm	15	60	S31-30PPA		6.5x10mm	15	43
S31-40SPA		8x12mm	19	62	S31-40PPA		8x12mm	19	45
S31-50SPA		11x16mm	24	75	S31-50PPA		11x16mm	24	55

									
Part No.	(L)	ØT	ØD	A	Part No.	(L)	ØT	C	A
S31-20SHA	72.4	8	23	25	S31-20PHA	45	8	12	25
S31-25SHA	72.4	10			S31-25PHA		10		
S31-30SHA	70.4	11			S31-30PHA		11		
S31-35SHA	70.4	12			S31-35PHA		12		
S31-40SHA	70.4	15			S31-40PHA		15		



AIR QUICK COUPLER

RECTUS 26KB

Part No.	Size			Part No.	Size
S33-20SMBNI	1/4"G			S33-20PMBNI	1/4"G
S33-30SMBNI	3/8"G			S33-30PMBNI	3/8"G
S33-40SMBNI	1/2"G			S33-40PMBNI	1/2"G
S33-20SFBNI	1/4"G			S33-20PFBNI	1/4"G
S33-30SFBNI	3/8"G			S33-30PFBNI	3/8"G
S33-40SFBNI	1/2"G			S33-40PFBNI	1/2"G
S33-20SHBNI	ID.4.5mm			S33-20PHBNI	ID.4.8mm
S33-25SHBNI	ID.6mm			S33-25PHBNI	ID.5mm
S33-30SHBNI	ID.7mm			S33-30PHBNI	ID.7.7mm
S33-35SHBNI	ID.8mm			S33-35PHBNI	ID.8mm
S33-40SHBNI	ID.10mm			S33-40PHBNI	ID.9.5mm

FEATURES :

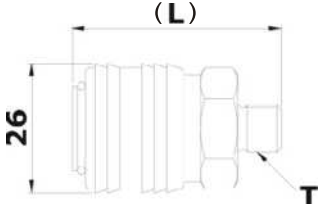
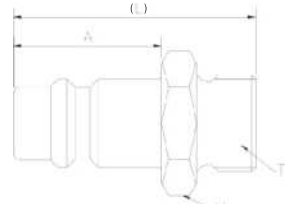
1. G thread (Germany type) Interchange
2. Automatic design
3. Compatible with Orion, Industrial and RECTUS 26KB series
4. Certificate of RoHS compliance

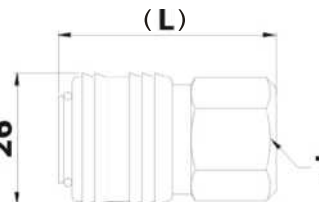
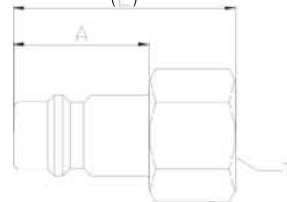
APPLICATION :

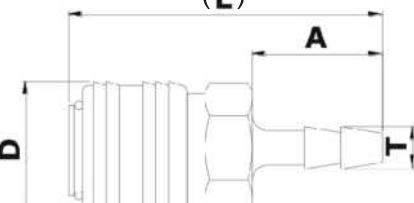
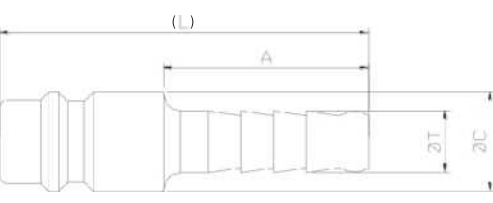
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

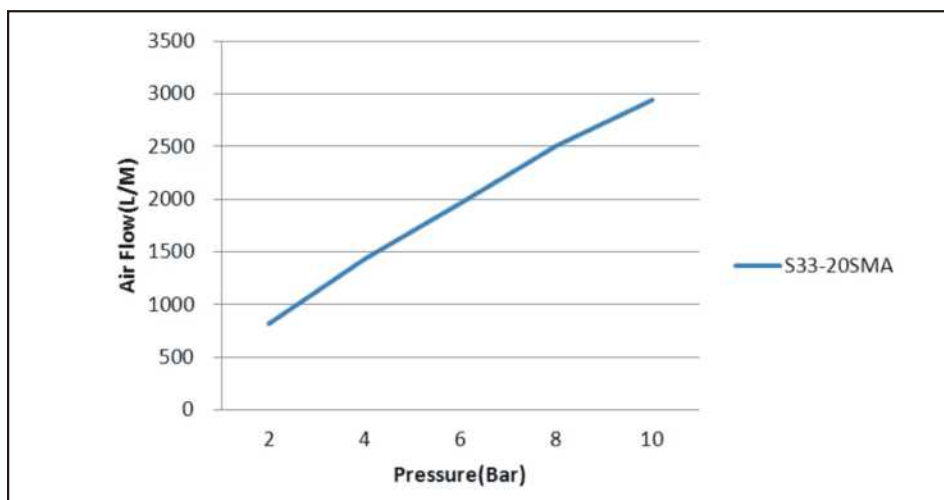
SPECIFICATION :

Material	Brass
Thread	(G,PT)
Working Pressure	218PSI(15Bar/1.5MPa)
Maximum Pressure	290PSI(20Bar/2MPa)
Temperature Range	-20°C~ + 80°C
Size	1/4" (20 TYPE)
	3/8" (30 TYPE)
	1 /2" (40 TYPE)
Meet The International Norms	ISO 288-1

							
Part NO.	(L)	T	Part NO.	A	T	H	(L)
S33-20SMBNI	42.5	1/4"	S33-20PMBNI	20	1/4"	17	32.8
S33-30SMBNI	42.5	3/8"	S33-30PMBNI		3/8"	19	
S33-40SMBNI	44	1/2"	S33-40PMBNI		1/2"	24	

							
Part NO.	(L)	T	Part NO.	A	T	H	(L)
S33-20SFBNI	41.3	1/4"	S33-20PFBNI	20	1/4"	17	32.8
S33-30SFBNI	43.5	3/8"	S33-30PFBNI		3/8"	19	
S33-40SFBNI	44.5	1/2"	S33-40PFBNI		1/2"	24	

								
Part NO.	(L)	ØT	A	Part NO.	(L)	ØT	ØC	A
S33-20SHBNI	58.5	8	25	S33-20PHBNI	45	7.4	11.95	25
S33-25SHBNI		10		S33-25PHBNI		9.4		
S33-30SHBNI		11		S33-30PHBNI		10.4		
S33-35SHBNI		12		S33-35PHBNI		11.5		
S33-40SHBNI		15		S33-40PHBNI		14.5		



RECTUS 20KA

Part No.	Size			Part No.	Size
SE01-05SFB	M5			SE01-05PFB	M5
SE01-10SFB	1/8"G			SE01-10PFB	1/8"G
SE01-05SMB	M5			SE01-05PMB	M5
SE01-10SMB	1/8"G			SE01-10PMB	1/8"G
SE01-10SHB	ID.3mm			SE01-10PHB	ID.3mm
SE01-20SHB	ID.4mm			SE01-20PHB	ID.4mm
SE01-10SPB	4X3mm			SE01-10PPB	4X3mm
SE01-20SPB	5X3mm			SE01-20PPB	5X3mm
SE01-30SPB	6X4mm			SE01-30PPB	6X4mm

FEATURES :

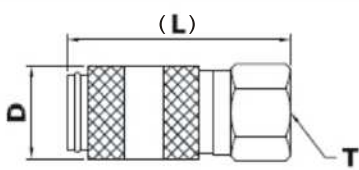
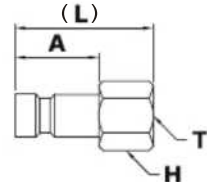
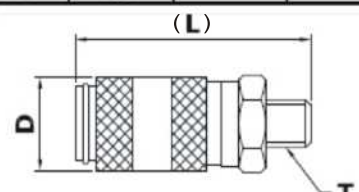
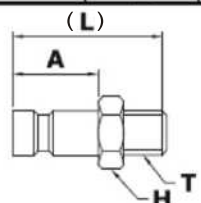
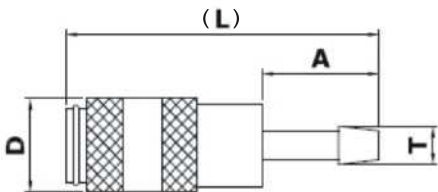
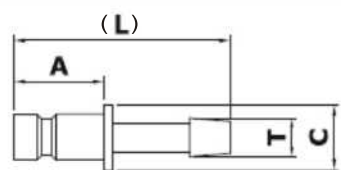
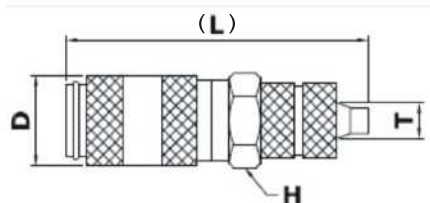
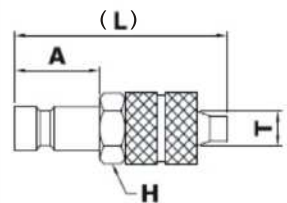
1. One side sealing one-touch quick release with extremely small dimensions and high pass at low pressure drop
2. Certificate of RoHS compliance

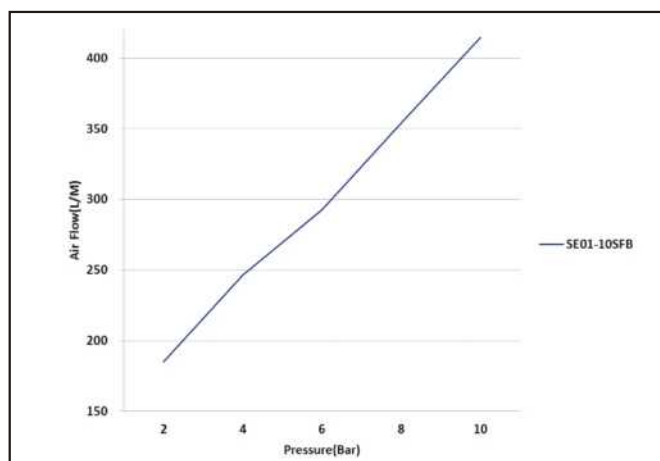
APPLICATION :

1. Pneumatic tools
2. Air piping
3. Air pressure equipment

SPECIFICATION :

Material	Brass
Thread	G
Working Pressure	145PSI(10Bar/1MPa)
Maximum Pressure	218PSI(15Bar/1.5MPa)
Temperature Range	-20° ~ + 80°
Size	M5 (05 Type)
	1/8" (10 Type)

									
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)	
SE01-05SFB	M5	10.5	24.5	SE01-05PFB	10	M5	7	16.5	
SE01-10SFB	1/8"		28	SE01-10PFB		1/8"	12	19	
									
Part No.	T	ϕD	(L)	Part No.	A	T	H	(L)	
SE01-05SMB	M5	10.5	26	SE01-05PMB	10	M5	7	18	
SE01-10SMB	1/8"		28	SE01-10PMB		1/8"	11	20	
									
Part No.	A	ϕT	ϕD	(L)	Part No.	A	ϕT	ϕC	(L)
SE01-10SHB	13	4	10.5	35	SE01-10PHB	10	4	7	24
SE01-20SHB		5		34.5	SE01-20PHB		5		
									
Part No.	ϕD	T	H	(L)	Part No.	A	T	H	(L)
SE01-10SPB	10.5	4x3mm	9	33.5	SE01-10PPB	10	4x3mm	7	25
SE01-20SPB		5x3mm		33.5	SE01-20PPB		5x3mm	7	
SE01-30SPB		6x4mm		34.5	SE01-30PPB		6x4mm	10.8	



ORION BRASS COUPLER

Part No.	Size			Part No.	Size
S35-20SMA	1/4"PT			S35-20PMA	1/4"PT
S35-30SMA	3/8"PT			S35-30PMA	3/8"PT
S35-20SFA	1/4"G			S35-20PFA	1/4"G
S35-30SFA	3/8"G			S35-30PFA	3/8"G
S35-20SHA	ID.6mm			S35-20PHA	ID.6mm
S35-25SHA	ID.8mm			S35-25PHA	ID.8mm
S35-30SHA	ID.9mm			S35-30PHA	ID.9mm

FEATURES :

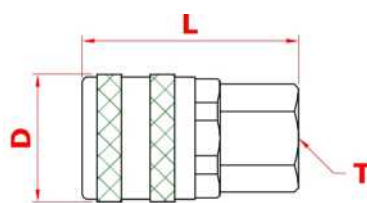
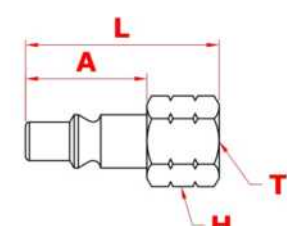
1. One touch operation, rapid action with needle lock and non-return valve coupling with a high flow rate. A robust body for big pneumatic consumer
2. Certificate of RoHS compliance

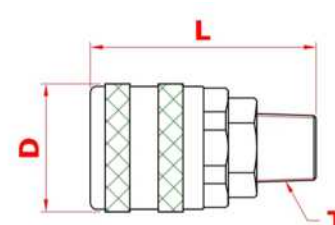
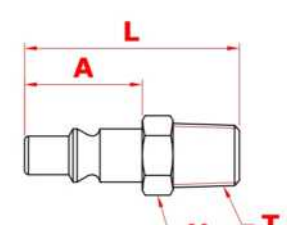
APPLICATION :

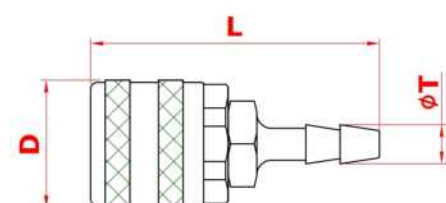
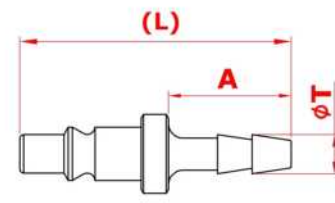
1. Pneumatic tools
2. Air piping
3. Air pressure equipment

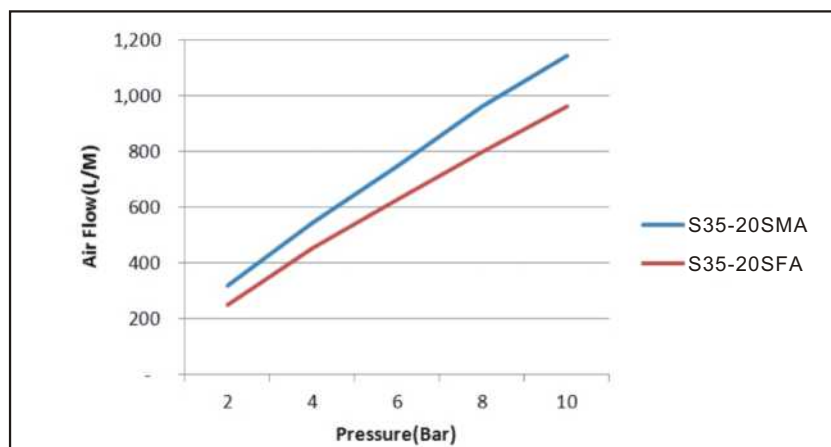
SPECIFICATION :

Material	Steel	Brass
Thread	(G,PT)	
Working Pressure	218PSI(15Bar/1.5MPa)	
Maximum Pressure	290PSI(20Bar/2MPa)	
Temperature Range	-20°C~ + 80°C	
Size	1/4" (20 Type)	
	3/8" (30 Type)	

								
ITEM NO.	T	ØD	L	ITEM NO.	A	T	H	L
S35-20SFA	1/4"	26	44	S35-20PFA	24.7	1/4"	16	39.4
S35-30SFA	3/8"	26	50	S35-30PFA	24.7	3/8"	21	42.3

								
ITEM NO.	T	ØD	L	ITEM NO.	A	T	H	L
S35-20SMA	1/4"	26	46	S35-20PMA	24.7	1/4"	14.3	43
S35-30SMA	3/8"	26	48	S35-30PMA	24.7	3/8"	17.5	43.7

								
ITEM NO.	T	ØD	L	ITEM NO.	A	ØT	(L)	
S35-20SHA	8	26	58.8	S35-20PHA	25	8	55.2	
S35-25SHA	10	26	58.8	S35-25PHA	25	10	55.2	
S35-30SHA	1	26	58.8	S35-30PHA	25	11	55.2	





SRL-S13



SRL-S10



SRLL-S13



SRLL-S10



SRT-S13



SRT-S10



SRLL-S27



SRLL-S31

FEATURES :

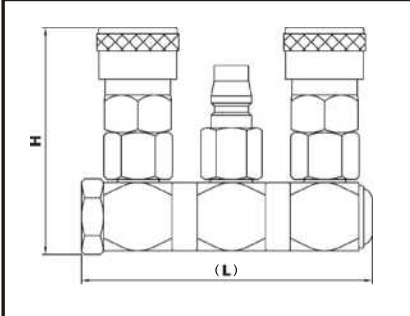
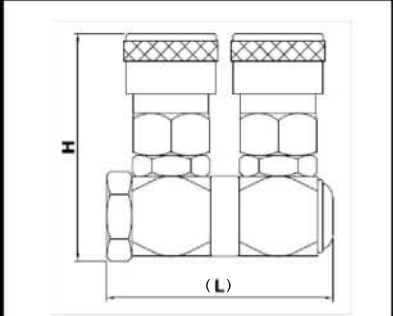
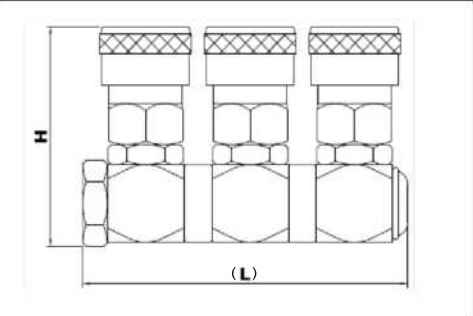
- 1.Three or two couplers can apply for three or two working stations.
- 2.The manifold can be 360° rotated which would be more convenience for users.
- 3.The couplers can be replaced in Japan type,American type or European type for various market demands.

APPLICATION :

- 1.Pneumatic tools
- 2.Air piping
- 3.Air pressure equipment

SPECIFICATION :

Part No.	SRT-S10	SRT-S13	SRT-S27	SRT-S31
Description	SRL-S10	SRL-S13	SRL-S27	SRL-S31
	SRLL-S10	SRLL-S13	SRLL-S27	SRLL-S31
Coupler	Nitto Standard	Nitto One-Touch	Universal Type	Rectus Type
Thread	PT		NPT	G
Working Pressure	218PSI(15Bar/1.5Mpa)			
Maximum Pressure	290PSI(20Bar/2Mpa)			
Temperature	-20°C~+80°C			
Port Size	1/4"			

								
Part No	(L)	H	Part No.	(L)	H	Part No.	(L)	H
SRLL-S10	93.5	71.5	SRL-S10	63.5	68.5	SRT-S10	93.5	68.5
SRLL-S13			SRL-S13			SRT-S13		
SRLL-S27			SRL-S27			SRT-S27		
SRLL-S31			SRL-S31			SRT-S31		

AIR QUICK COUPLER

MANIFOLD



SMVT



SMYT



SMLA



SMTA



SMMA



SMXA



SM2BA



SM3BA

AIR QUICK COUPLER

Part No.	SMVA	SMLA SMMA	SMVT SMLT SMTT	SM2BA SM3BA
Description	SMYA	SMTA SMXA	SMYT SMMT SMXT	SM4BA SM5BA
Body	Aluminum			
Coupler	Steel		One Touch	Steel
Working Pressure	218PSI(15Bar/1.5Mpa)			
Maximum Pressure	290PSI(20Bar/2Mpa)			
Temperature Range	-20°C~+80°C			
Port Size	1/4"			1/2"
Input Port Size	1/2"		1/2"	
Output Port Size	1/4"		1/4"	



SMVT-S27



SMYT-S27



SMLA-S27



SMTA-S27



SMMA-S27



SMXA-S27



SMVT-S31



SMYT-S31



SMLA-S31



SMTA-S31



SMMA-S31



SMXA-S31

AIR QUICK COUPLER

MANIFOLD BODY



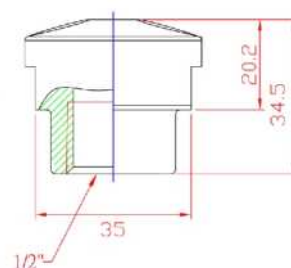
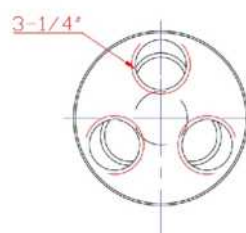
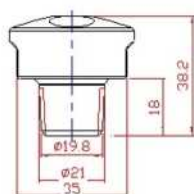
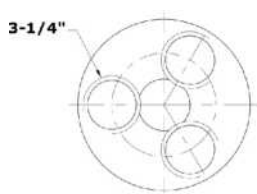
SMVAP



SMYAP



SMYAPN



SMLP



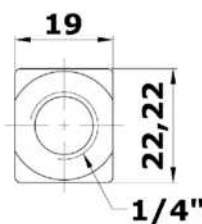
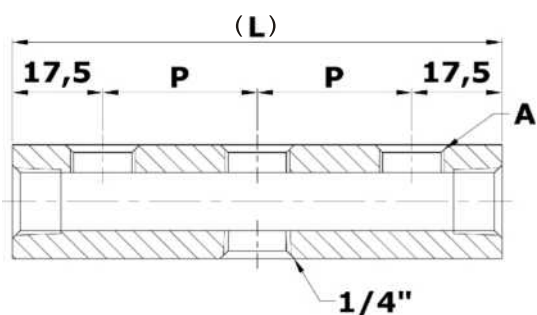
SMTP



SMMP



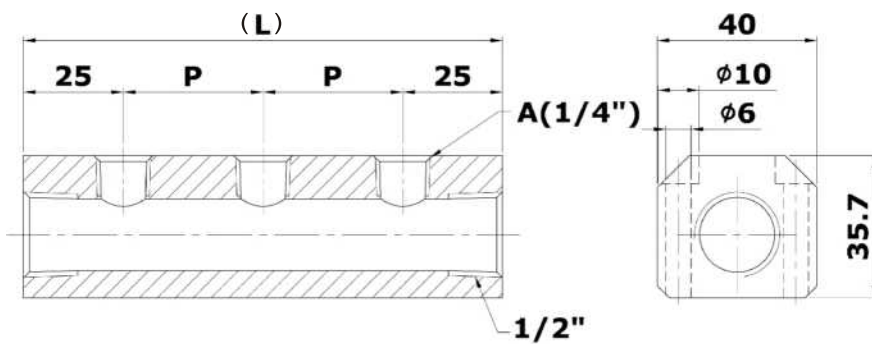
SMXP



Part No.	A	P	(L)
SMLP	2	30x1	65
SMTP	3	30x2	95
SMMP	4	30x3	125
SMXP	5	30x4	155



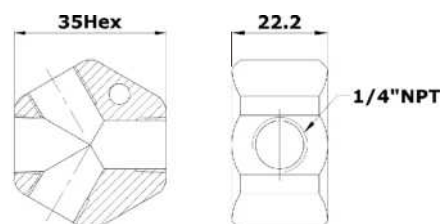
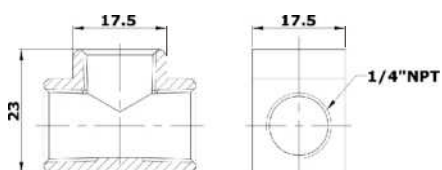
Part No.	A	P	(L)
SM2BP	2	35x1	85
SM3BP	3	35x2	120
SM4BP	4	35x3	155
SM5BP	5	35x4	190
SM6BP	6	35x5	225
SM7BP	7	35x6	260



JA092N



JA122N



BRASS FAST-IN FITTING



JCB

Part No.	Description TXH(OD)
JCB-0601	1/8" X 6 mm
JCB-0602	1/4" X 6 mm
JCB-0603	3/8" X 6 mm
JCB-0604	1/2" X 6 mm
JCB-0801	1/8" X 8 mm
JCB-0802	1/4" X 8 mm
JCB-0803	3/8" X 8 mm
JCB-0804	1/2" X 8 mm
JCB-1001	1/8" X 10 mm
JCB-1002	1/4" X 10 mm
JCB-1003	3/8" X 10 mm
JCB-1004	1/2" X 10 mm
JCB-1202	1/4" X 12 mm
JCB-1203	3/8" X 12 mm
JCB-1204	1/2" X 12 mm
JCB-3001	1/8" X 3/8"
JCB-3002	1/4" X 3/8"
JCB-3003	3/8" X 3/8"
JCB-3004	1/2" X 3/8"
JCB-4002	1/4" X 1/2"
JCB-4003	3/8" X 1/2"
JCB-4004	1/2" X 1/2"



JCBF

Part No.	Description TXH(OD)
JCBF-0601	1/8" X 6 mm
JCBF-0602	1/4" X 6 mm
JCBF-0603	3/8" X 6 mm
JCBF-0801	1/8" X 8 mm
JCBF-0802	1/4" X 8 mm
JCBF-0803	3/8" X 8 mm
JCBF-3002	1/4" X 3/8"
JCBF-3003	3/8" X 3/8"
JCBF-3004	1/2" X 3/8"
JCBF-4003	3/8" X 1/2"



JUCB

Part No.	Description H(OD)
JUCB-06	6 mm
JUCB-08	8 mm
JUCB-30	3/8"
JUCB-40	1/2"
JUCB-10	10 mm
JUCB-12	12 mm



JULB

Part No.	Description H(OD)
JULB-06	6 mm
JULB-08	8 mm
JULB-30	3/8"
JULB-40	1/2"
JULB-10	10 mm
JULB-12	12 mm



JTB



JSTB

Part No.	Description TXH(OD)
JTB-0601	1/8" X 6 mm
JSTB-0601	1/8" X 6 mm
JTB-0602	1/4" X 6 mm
JSTB-0602	1/4" X 6 mm
JTB-0603	3/8" X 6 mm
JSTB-0603	3/8" X 6 mm
JTB-0604	1/2" X 6 mm
JSTB-0604	1/2" X 6 mm
JTB-0801	1/8" X 8 mm
JSTB-0801	1/8" X 8 mm
JTB-0802	1/4" X 8 mm
JSTB-0802	1/4" X 8 mm
JTB-0803	3/8" X 8 mm
JSTB-0803	3/8" X 8 mm
JTB-0804	1/2" X 8 mm
JSTB-0804	1/2" X 8 mm
JTB-3001	1/8" X 3/8"
JSTB-3001	1/8" X 3/8"
JTB-3002	1/4" X 3/8"
JSTB-3002	1/4" X 3/8"
JTB-3003	3/8" X 3/8"
JSTB-3003	3/8" X 3/8"
JTB-3004	1/2" X 3/8"
JSTB-3004	1/2" X 3/8"
JTB-4002	1/4" X 1/2"
JSTB-4002	1/4" X 1/2"
JTB-4003	3/8" X 1/2"
JSTB-4003	3/8" X 1/2"
JTB-4004	1/2" X 1/2"
JSTB-4004	1/2" X 1/2"



JLB

Part No.	Description TXH(OD)
JLB-0601	1/8" X 6 mm
JLB-0602	1/4" X 6 mm
JLB-0603	3/8" X 6 mm
JLB-0604	1/2" X 6 mm
JLB-0801	1/8" X 8 mm
JLB-0802	1/4" X 8 mm
JLB-0803	3/8" X 8 mm
JLB-0804	1/2" X 8 mm
JLB-3001	1/8" X 3/8"
JLB-3002	1/4" X 3/8"
JLB-3003	3/8" X 3/8"
JLB-3004	1/2" X 3/8"
JLB-4002	1/4" X 1/2"
JLB-4003	3/8" X 1/2"
JLB-4004	1/2" X 1/2"



JLBF

Part No.	Description TXH(OD)
JLBF-0601	1/8" X 6 mm
JLBF-0602	1/4" X 6 mm
JLBF-0603	3/8" X 6 mm
JLBF-0801	1/8" X 8 mm
JLBF-0802	1/4" X 8 mm
JLBF-0803	3/8" X 8 mm
JLBF-3002	1/4" X 3/8"
JLBF-3003	3/8" X 3/8"
JLBF-4003	3/8" X 1/2"



JUTB

Part No.	Description H(OD)
JUTB-06	6 mm
JUTB-08	8 mm
JUTB-30	3/8"
JUTB-40	1/2"
JUTB-10	10 mm
JUTB-12	12 mm

PUSH-TO-CONNECT-FITTING

Meet the international norms: JIS B 8381



JPC
STRAIGHT

Part No.	Description
JPC04M5	M5 X 4mm
JPC0401	1/8" X 4mm
JPC0402	1/4" X 4mm
JPC06M5	M5 X 6mm
JPC0601	1/8" X 6mm
JPC0602	1/4" X 6mm
JPC0603	3/8" X 6mm
JPC0604	1/2" X 6mm
JPC0801	1/8" X 8mm
JPC0802	1/4" X 8mm
JPC0803	3/8" X 8mm
JPC0804	1/2" X 8mm
JPC1001	1/8" X 10mm
JPC1002	1/4" X 10mm
JPC1003	3/8" X 10mm
JPC1004	1/2" X 10mm
JPC1202	1/4" X 12mm
JPC1203	3/8" X 12mm
JPC1204	1/2" X 12mm



JPL ELBOW

Part No.	Description
JPL04M5	M5 X 4mm
JPL0401	1/8" X 4mm
JPL0402	1/4" X 4mm
JPL06M5	M5 X 6mm
JPL0601	1/8" X 6mm
JPL0602	1/4" X 6mm
JPL0603	3/8" X 6mm
JPL0604	1/2" X 6mm
JPL0801	1/8" X 8mm
JPL0802	1/4" X 8mm
JPL0803	3/8" X 8mm
JPL0804	1/2" X 8mm
JPL1001	1/8" X 10mm
JPL1002	1/4" X 10mm
JPL1003	3/8" X 10mm
JPL1004	1/2" X 10mm
JPL1202	1/4" X 12mm
JPL1203	3/8" X 12mm
JPL1204	1/2" X 12mm



JPB TEE

Part No.	Description
JPB04M5	M5 X 4mm
JPB0401	1/8" X 4mm
JPB0402	1/4" X 4mm
JPB06M5	M5 X 6mm
JPB0601	1/8" X 6mm
JPB0602	1/4" X 6mm
JPB0603	3/8" X 6mm
JPB0801	1/8" X 8mm
JPB0802	1/4" X 8mm
JPB0803	3/8" X 8mm
JPB1001	1/8" X 10mm
JPB1002	1/4" X 10mm
JPB1003	3/8" X 10mm
JPB1004	1/2" X 10mm
JPB1202	1/4" X 12mm
JPB1203	3/8" X 12mm
JPB1204	1/2" X 12mm



JPD
BRANCH TEE

Part No.	Description
JPD04M5	M5 X 4mm
JPD0401	1/8" X 4mm
JPD0402	1/4" X 4mm
JPD06M5	M5 X 6mm
JPD0601	1/8" X 6mm
JPD0602	1/4" X 6mm
JPD0603	3/8" X 6mm
JPD0801	1/8" X 8mm
JPD0802	1/4" X 8mm
JPD0803	3/8" X 8mm
JPD1001	1/8" X 10mm
JPD1002	1/4" X 10mm
JPD1003	3/8" X 10mm
JPD1004	1/2" X 10mm
JPD1202	1/4" X 12mm
JPD1203	3/8" X 12mm
JPD1204	1/2" X 12mm



JPX
BRANCH Y

Part No.	Description
JPX04M5	M5 X 4mm
JPX0401	1/8" X 4mm
JPX0402	1/4" X 4mm
JPX06M5	M5 X 6mm
JPX0601	1/8" X 6mm
JPX0602	1/4" X 6mm
JPX0603	3/8" X 6mm
JPX0801	1/8" X 8mm
JPX0802	1/4" X 8mm
JPX0803	3/8" X 8mm
JPX1002	1/4" X 10mm
JPX1003	3/8" X 10mm
JPX1004	1/2" X 10mm
JPX1202	1/4" X 12mm
JPX1203	3/8" X 12mm
JPX1204	1/2" X 12mm



JPH
UNIVERSAL
ELBOW

Part No.	Description
JPH04M5	M5 X 4mm
JPH0401	1/8" X 4mm
JPH0402	1/4" X 4mm
JPH06M5	M5 X 6mm
JPH0601	1/8" X 6mm
JPH0602	1/4" X 6mm
JPH0603	3/8" X 6mm
JPH0801	1/8" X 8mm
JPH0802	1/4" X 8mm
JPH0803	3/8" X 8mm
JPH0804	1/2" X 8mm
JPH1002	1/4" X 10mm
JPH1003	3/8" X 10mm
JPH1004	1/2" X 10mm
JPH1202	1/4" X 12mm
JPH1203	3/8" X 12mm



JSC SPEED
CONTROLLER

Part No.	Description
JSC04M5	M5 X 4mm
JSC0401	1/8" X 4mm
JSC0402	1/4" X 4mm
JSC06M5	M5 X 6mm
JSC0601	1/8" X 6mm
JSC0602	1/4" X 6mm
JSC0603	3/8" X 6mm
JSC0801	1/8" X 8mm
JSC0802	1/4" X 8mm
JSC0803	3/8" X 8mm
JSC0804	1/2" X 8mm
JSC1002	1/4" X 10mm
JSC1003	3/8" X 10mm
JSC1004	1/2" X 10mm
JSC1202	1/4" X 12mm
JSC1203	3/8" X 12mm



JPLL LONG
ELBOW

Part No.	Description
JPLL04M5	M5 X 4mm
JPLL0401	1/8" X 4mm
JPLL0402	1/4" X 4mm
JPLL0601	1/8" X 6mm
JPLL0602	1/4" X 6mm
JPLL0603	3/8" X 6mm
JPLL0801	1/8" X 8mm
JPLL0802	1/4" X 8mm
JPLL0803	3/8" X 8mm
JPLL1002	1/4" X 10mm
JPLL1003	3/8" X 10mm
JPLL1203	3/8" X 12mm
JPLL1204	1/2" X 12mm

PUSH-TO-CONNECT-FITTING



JPCF FEMALE
STRAIGHT

Part No.	Description
JPCF04M5	M5 X4mm
JPCF0401	1/8" X 4mm
JPCF0601	1/8" X 6mm
JPCF0602	1/4" X 6mm
JPCF0603	3/8" X 6mm
JPCF0801	1/8" X 8mm
JPCF0802	1/4" X 8mm
JPCF0803	3/8" X 8mm
JPCF1002	1/4" X 10mm
JPCF1003	3/8" X 10mm
JPCF1004	1/2" X 10mm
JPCF1203	3/8" X 12mm
JPCF1204	1/2" X 12mm



JPLF FEMALE
ELBOW

Part No.	Description
JPLF0401	1/8"X4mm
JPLF0402	1/4"X4mm
JPLF0601	1/8"X6mm
JPLF0602	1/4"X6mm
JPLF0603	3/8"X6mm
JPLF0801	1/8"X8mm
JPLF0802	1/4"X8mm
JPLF0803	3/8"X8mm
JPLF1001	1/8"X10mm
JPLF1002	1/4"X10mm
JPLF1003	3/8"X10mm
JPLF1202	1/4"X12mm
JPLF1203	3/8"X12mm



JPU UNION
STRAIGHT

Part No.	Description
JPU0404	4mm X 4mm
JPU0606	6mm X 6mm
JPU0808	8mm X 8mm
JPU1010	10mm X 10mm
JPU1212	12mm X 12mm
JPU0604	6mm X 4mm
JPU0806	8mm X 6mm
JPU1008	10mm X 8mm
JPU1210	12mm X 10mm



JPY UNION Y

Part No.	Description
JPY04	4mm
JPY06	6mm
JPY08	8mm
JPY10	10mm
JPY12	12mm
JPY0604	6mm X 4mm
JPY0806	8mm X 6mm
JPY1008	10mm X 8mm
JPY1210	12mm X 10mm



JPE UNION
TEE

Part No.	Description
JPE04	4mm
JPE06	6mm
JPE08	8mm
JPE10	10mm
JPE12	12mm



JPM UNION
BULKHEAD

Part No.	Description
JPM04	4mm
JPM06	6mm
JPM08	8mm
JPM10	10mm
JPM12	12mm



JPV UNION
ELBOW

Part No.	Description
JPV04	4mm X 4mm
JPV06	6mm X 6mm
JPV08	8mm X 8mm
JPV10	10mm X 10mm
JPV12	12mm X 12mm



JVA SPEED
CONTROLLER

Part No.	Description
JVA04	4mm X 4mm
JVA06	6mm X 6mm
JVA08	8mm X 8mm
JVA10	10mm X 10mm



JPF UNION

Part No.	Description
JPF04	4mm
JPF06	6mm
JPF08	8mm

Pneumatic Silencers/Mufflers

FEATURE :

- Reduce work area noise and protect against contamination.
Meet the international norms : JIS B 8379



Part No.	Thread Size	Length
JSL-KM-11	1/8"	33mm
JSL-KM-22	1/4"	36mm
JSL-KM-23	1/4"	62.5mm
JSL-KM-31	3/8"	68mm
JSL-KM-41	1/2"	71mm

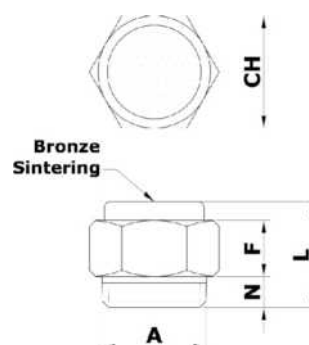
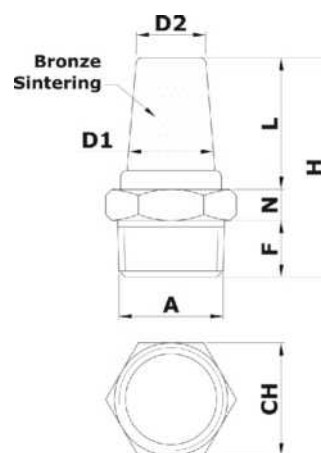
SINTERED BRONZE SILENCERS/MUFFLERS

- 1.Reduce noise from Ports, Valves, Air Tools and Cylinders to be acceptable levels within OSHA noise requirements.
- 2.Can be used as filters for gas, oil and air

Mesh	Microns	mm
10-20	120	0.850-1.700
20-30	100	0 500-0 850
30-40	70	0.355-0.500
40-60	40	0.250-0.355
60-80	20	0.180-0.250
80-120	10	0.125-0.180
120-170	5	0 090-0 125
170-250	1	0.063-0.090

Part No.	Type	A	D1	D2	N	F	L	CH
JSLB-L-M5	M5	M5	5	4	3	5	12	8
JSLB-L-01	1/8"	PT 1/8"	8	7	4	6	14	12
JSLB-L-02	1/4"	PT 1/4"	12	10	4	8	18	16
JSLB-L-03	3/8"	PT 3/8"	14	11	5	9	21	18
JSLB-L-04	1/2"	PT 1/2"	19	15	6	10	28	24
JSLB-L-06	3/4"	PT 3/4"	25	20	8	10	32	30
JSLB-L-08	1"	PT 1"	30	25	8	12	43	36

Part No.	Type	A	N	F	L	CH
JSLB-S-M5	M5	M5	3	5	9.5	8
JSLB-S-01	1/8"	PT 1/8"	4	6	12	12
JSLB-S-02	1/4"	PT 1/4"	4	8	15	16
JSLB-S-03	3/8"	PT 3/8"	5	9	17	18
JSLB-S-04	1/2"	PT 1/2"	6	10	18.5	24
JSLB-S-06	3/4"	PT 3/4"	8	10	21	30
JSLB-S-08	1"	PT 1"	8	12	23	36



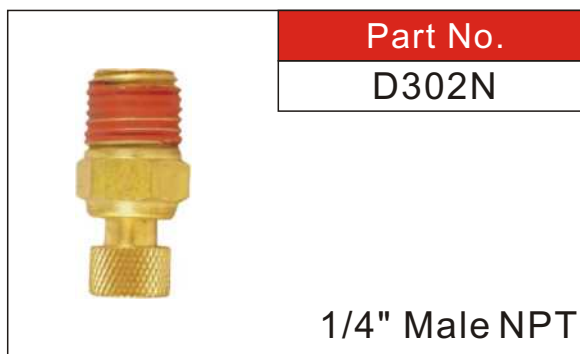
AIR COMPRESSOR COMPONENT



MANIFOLD

Port Size	1/4 " NPT
Gauge port	1/8 "
Proof Pressure	250 PSI
Adj. pressure range	3-125 PSI
Ambient Temp.	5°C ~ 60°C

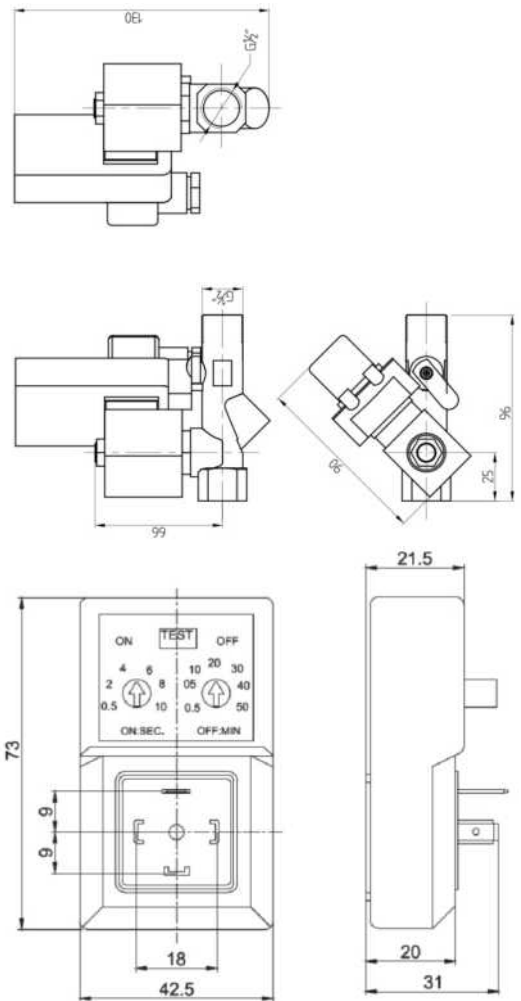
DRAIN VALVE



D904

AUTOMATIC DRAIN CONTROL WATER VALVE

AUTOMATIC DRAIN CONTROL WATER VALVE



SPECIFICATION

Part NO.		D90	
Operating Method		Direct action	
Input		1/2"male 、 1/4"female	
Output		1/2"female	
Working Pressure	Psi	232	
	Mpa	1.6	
Timer		Mechanical timer	
Manual pverride		YES	
Knob adjustment time and range		Time ON	from 0.5 to 10s.
		Time OFF	from 0.5 to 45min
Ambient Temp(°C)		-5°C~+60°C	
Body Material		Brass	
Orifice(mm)		3.5mm	
Class protection		IP65-EN60529	
Voltage(V)		AC110 、 AC220	
Filter Element		60 mesh	

FEATURES :

Drain water effectively to reduce the volume of compressed air, and avoid the occurrence of the rust in air reservoir.

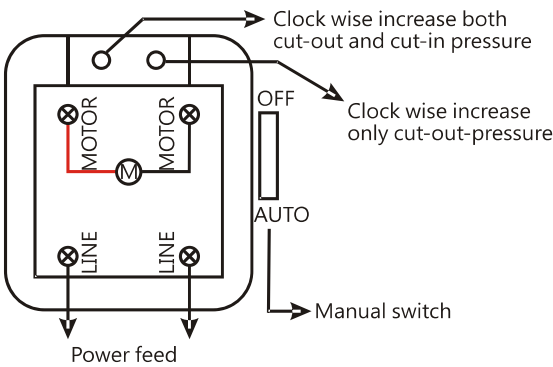
CHECK VALVE

	Part No. V30		Part No. V40
3/8" Male(PT,NPT)		1/2" Male(PT,NPT)	
	Part No. V46		Part No. V47
1/2" Male(PT,NPT)		1/2"NPT With Hose Fitting	
	Part No. V48		Part No. VM01N
1/2" FEMAIL NPT		1/2"NPTx3/8"OD TUBE	
	Part No. VM02N		Part No. VM03N
1/2"NPTx1/2"OD TUBE		1/4"NPT MALE	
	Part No. VM04N		Part No. VM05
1/4"NPTx1/4" COMPRESSION		1/2"NPTx1/2" TUBE	
	Part No. VM06		Part No. VM07
1/8"NPT PORT		1/2"NPTx3/8" TUBE	
	Part No. VM08		Part No. VM10
1/2"-14NPTx11/16-20UNS-2A		VALVE CHECK 1/2"NPT x 9/16" TUBE	

PRESSURE SWITCH

AIR COMPRESSOR COMPONENT

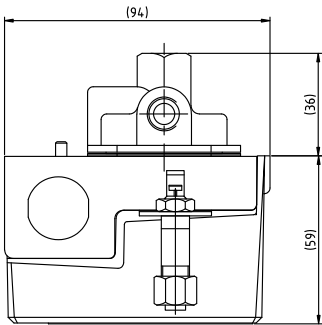
PRESSURE SWITCH



E20-A0



E22-A1



E20 1/4" FEMALE
4 PORTS



E22 1/4" FEMALE

MODEL	Min ON (Cut-In) PSI	Max Off (Cut-In) PSI	Differential PSI	Factory Setting PSI	Electrical Rating		Pipe Fittings	Contact Arrangement
					125V/AC	250V/AC		
E20-A0	40	180	30~40	85-115	20A	15A	1/4" Female (4 Ports)	NC
E20-A1							1/4" Female (4 Ports)	
E22-A0							1/4" Female	
E22-A1							1/4" Female	

©A0:Bottom ports for wires. A1:Side ports for wires.



SAFETY VALVE

CRN:0G10654.5

Valve type	Set pressure (PSI)	Rated capacity (SCFM)	Size
T102N	50	18	1/4", 1/8" NPT(PT)
	70	24	
	120	39	
	140	44	
	145	46	
	150	48	
	160	51	
	170	54	
	175	56	
	180	57	
	200	63	
	220	69	
	240	75	
	275	85	

ASME approval pressure range : 50psi~275psi



© APPLICABLE CODE: ASME SEC.VIII DIV.1

© EACH VALVE HAS BEEN TESTED AT 90% OF SET PRESSURE FOR SEAT TIGHTNESS.

☞ REFERENCE: ASME SECTION VIII, DIV.1 UG-136 (d)(5)

Valve type	Set pressure (PSI)	Rated capacity (SCFM)	Size
T302N	135	70	1/4", 3/8" NPT(PT)
	155	79	
	175	89	
	195	98	
	215	108	
	235	117	
	255	126	
	275	136	
	295	145	
	315	155	
	335	164	
	355	174	
	375	183	
	395	193	
	415	202	
	435	212	



© EACH VALVE HAS BEEN TESTED AT 90% OF SET PRESSURE FOR SEAT TIGHTNESS.

DIGITAL PRESSURE SWITCH

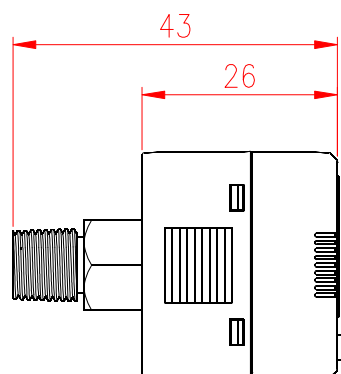
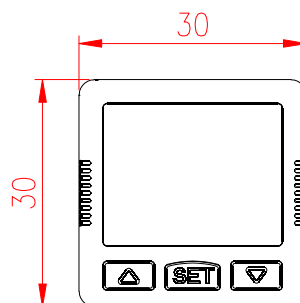


SPECIFICATION :

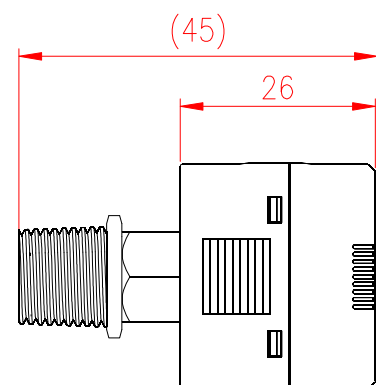
Part no.	E301N	E301P	E302N	E302P
Medium	Air (Non-flammable. Non-corrosive gas)			
Port size	M5 female thread + R (PT) 1/8 male thread		1/4 male thread	
Transistor output	NPN	PNP	NPN	PNP
Rated & Set Pressure	-1BAR~10BAR			
Proof Pressure	217PSI / 15Bar / 1.5Mpa			
Power Requirement	12 ~ 24V DC $\pm 10\%$			
Degree Of Protection	IP40			
Ambient Temp	Operating Temp		0 ~ 50 °C	
	Storage Temp		-20~60 °C	

Application:

1. Pressure control
2. Machine tools
3. Hydraulics and pneumatic
Pumps and compressors



E301



E302



PG15B1P-11BAR



PG15B1P-16BAR



PG20B2P-11BAR



PG10S-16BAR-1



PG20H1N-16BAR



PG20B2P-15KG



PG25B2P-15BAR



PG35B2P-15BAR

SPECIFICATION

Model No.	Diameter	Connecting mounting port size	Max pressure /UNIT
PG10S-16BAR-1	1"	N/A	16BAR
PG15B1P-11BAR	1.5"	1/8"	11bar, 160psi
PG15B1P-1.5MPa	1.5"	1/8"	1.5MPa
PG15B1N-16BAR	1.5"	1/8"	16bar, 240psi
PG20H1N-16BAR	2"	1/8"	16bar, 232psi
PG20B2P-11BAR	2"	1/4"	11bar, 160psi
PG20B2P-15KG	2"	1/4"	15kgf/cm ² , 200Lb/m ²
PG25B2P-15BAR	2.5"	1/4"	15bar, 210psi
PG35B2P-15BAR	3.5"	1/4"	15bar, 210psi

SLIDE VALVE



Description	Part No.	VS202	VS303
Medium		Air	
Material		Steel	
Working Pressure		218PSI / 15Bar / 1.5MPa	
Maximum Pressure		290PSI / 20Bar / 2MPa	
Operating Temperature Range		-20°C ~+80°C	
Port Size (PT,NPT)		1/4"	3/8"

FEATURES :

- 1.The air from system could be trapped when slide valve is in close position.
- 2.The remaining air pressure in downstream equipment could be released and can extend life time for air system and equipment.
- 3.Easy installation.
- 4.It is recommended to install slide valve in front of FRL (air control unit) on the beginning of air system.

NON-RETURN VALVE



Description	Part No.	VC101	VC202	VC303	VC404
Medium		Air			
Material		Steel			
Working Pressure		218PSI / 15Bar / 1.5MPa			
Maximum Pressure		290PSI / 20Bar / 2MPa			
Operating Temperature Range		-20°C ~+80°C (NBR O-ring)			
Flow(L/min)		200	860		1600
Port Size (PT,NPT)		1/8"	1/4"	3/8"	1/2"

FEATURES :

- 1.Easy installation.
- 2.Prevent air backflow.

2 PORT 2 WAY SOLENOID VALVE



NB222



NB222L



NB404

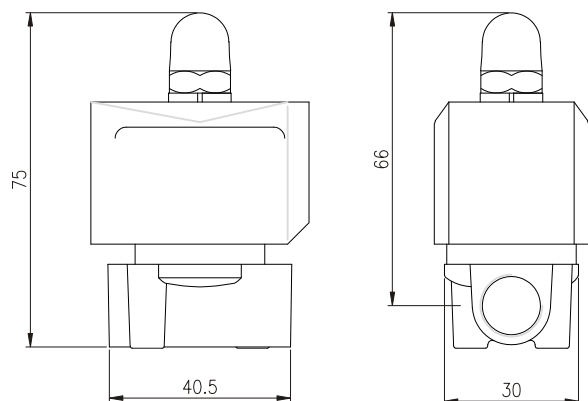


NB404L

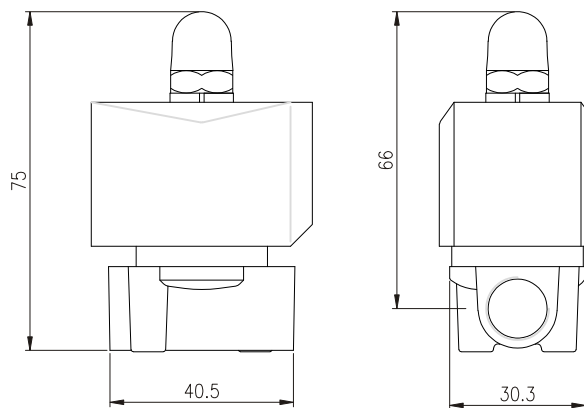
SPECIFICATION

Part No.	NB222	NB232	NB242	NB303	NB404
Description	NB222L	NB232L	NB242L	NB303L	NB404L
Medium	Air, Water, Oil				
Working Pressure(BAR)	10	20	10	10	10
Max Pressure(BAR)	15	35	10	10	10
Valve Type	Normally Closed				
Operating Method	Direct action				
Orifice(mm)	2.5	1.2	4	4	16
CV Value	0.23	0.05	0.6	0.6	4.8
Port Size	1/4"	1/4"	1/4"	3/8"	1/2"
Medium Viscosity	Under 20CST				
Ambient Temp(°C)	-5~80				
Voltage(V)	AC110、AC220、DC24				
Voltage Range	±10%				
Body Material	Brass				

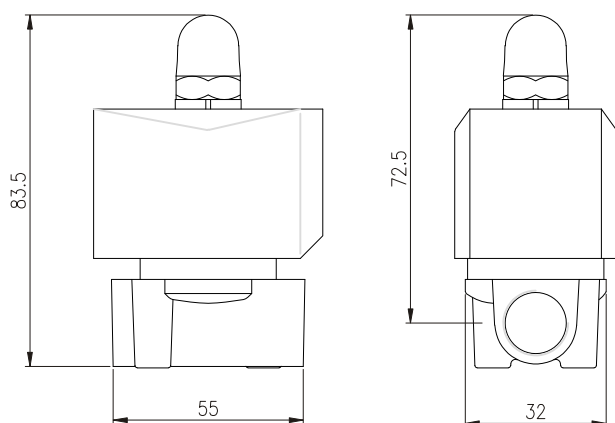
NB222



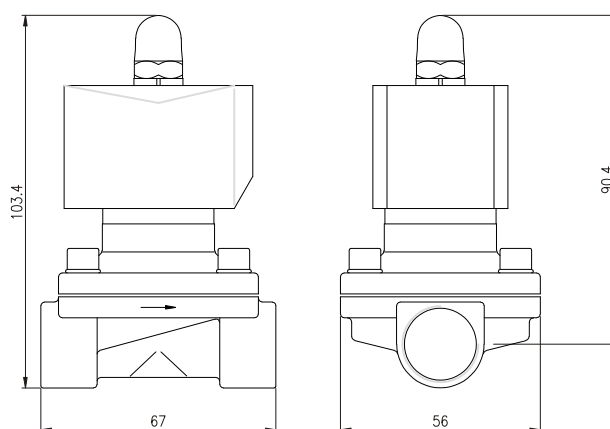
NB232



NB303



NB404



FEATURES :

1. IP rating: IP 65
2. Voltage drop range within $\pm 10\%$
3. Working at zero pressure is available
4. DIN coil and Grommet can be chosen
5. Can be used as a switch for both air, water and oil

SOLENOID VALVE

NA212-5PORT 2 WAY

NA212



NA212-Operation Single Type



NA212-Operation Double Type



NA212-Manifold Type



SPECIFICATION

Part No.		NA212(E1)	NA212(E2)	NA222(E1)	NA222(E2)
		NA212L(E1)	NA212L(E2)	NA222L(E1)	NA222L(E2)
Medium		Air			
Port Size		1/4 PT, NPT, G			
Operating		Single		Double	
Working Pressure		29~188PSI / 2~13BAR / 0.2~1.3MPa			
Max Pressure		218PSI / 15Bar / 1.5MPa			
Ambient Temp		-5 ~ 60°C (No freezing)			
Flow(L/min)		1700			
Response Time		0.05s			
Circulation Volume (Cv)		1.03			
Insulation Class		F			
Protection Class		IP 65			
Voltage	DC	12V	24V	DC24V	
	AC	110V	220V		
Meet the international norms		JIS B 8375			

ORDER INFORMATION

NA 2 □ 2 (E □)

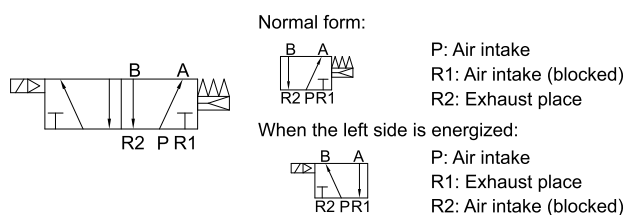
Solenoid:
 1:Single
 2:Double
 Port size: 1/4
 1-General
 2-Car type
 Body size: 1/4

□ L

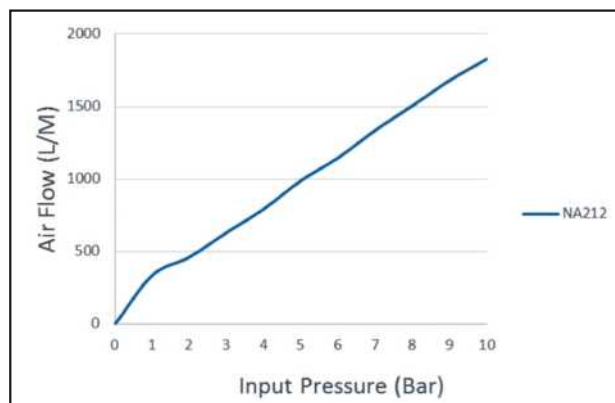
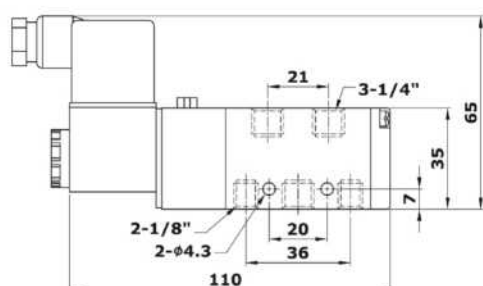
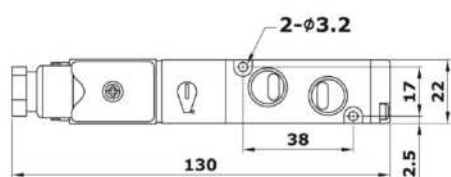
Flying Leads
 X:DIN TYPE(DIN 43650B)
 Voltage:
 AC110/AC220
 DC12/DC24

Solenoid Valve: 5Port 2Ways

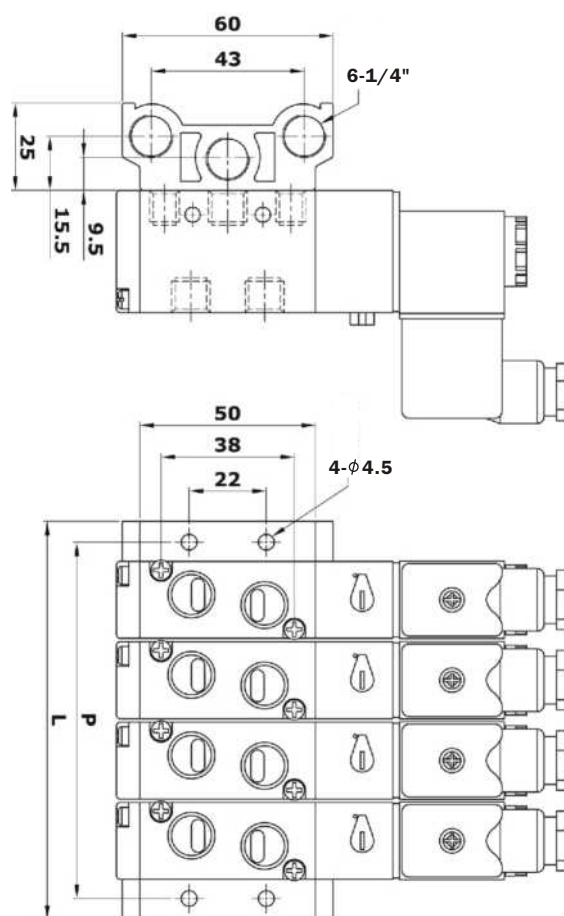
NA212-Operation Single Type Drawing



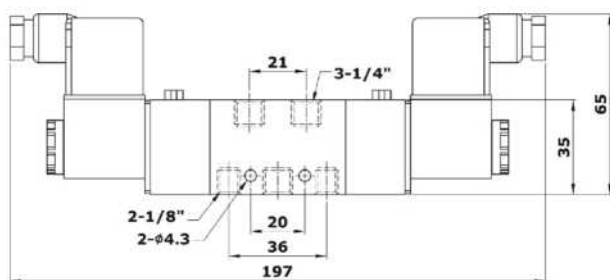
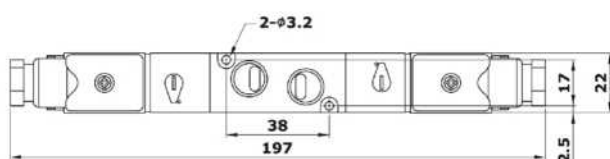
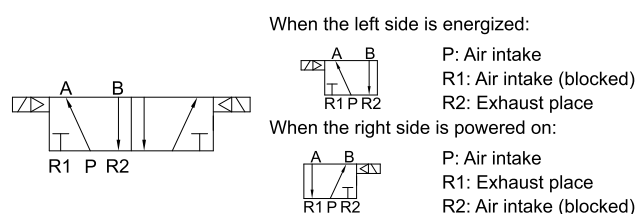
Other: Springs



NA212-Manifold Type Drawing



NA212-Operation Double Type Drawing



Stations Part No.	2 Stations	3 Stations	4 Stations	5 Stations	6 Stations	7 Stations
	NA2010	NA2011	NA2012	NA2013	NA2014	NA2015
P	57	80	103	126	149	172
L	69	92	115	136	164	184

SOLENOID VALVE

NA313-5PORT 2 WAY

NA313-5PORT 2 WAY



NA313-Operation Single Type



NA313-Operation Double Type



NA313-Manifold Type



SPECIFICATION

Part No.		NA313(E1)	NA313(E2)	NA323(E1)	NA323(E2)
		NA313L(E1)	NA313L(E2)	NA323L(E1)	NA323L(E2)
Medium		Air			
Port Size		3/8" PT, NPT, G			
Operating		Single		Double	
Working Pressure		29~188PSI / 2~13BAR / 0.2~1.3MPa			
Max Pressure		218PSI / 15Bar / 1.5MPa			
Ambient Temp		-5 ~ 60℃ (No freezing)			
Flow(L/min)		3400			
Response Time		0.05s			
Circulation Volume (Cv)		2.06			
Insulation Class		F			
Protection Class		IP 65			
Voltage	DC	12V	24V	DC24V	
	AC	110V	220V		
Meet the international norms		JIS B 8375			

ORDER INFORMATION

NA 3 ☐ **3 (E ☐)** ☐ **L**

Solenoid:
 1:Single
 2:Double

Flying Leads
 X:DIN TYPE(DIN 43650B)

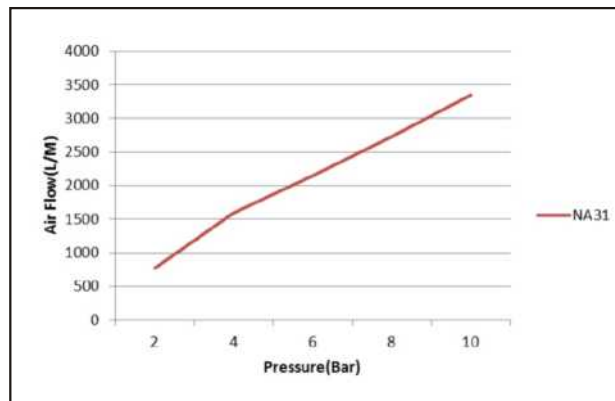
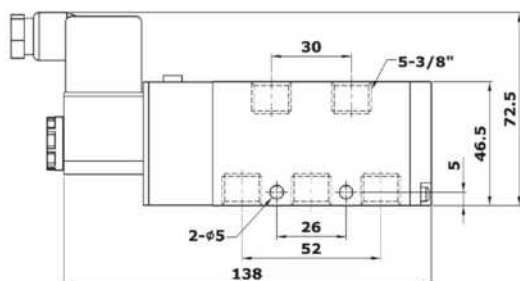
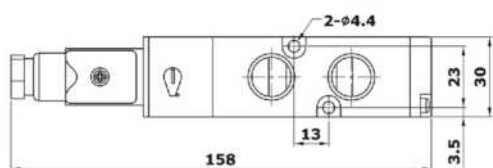
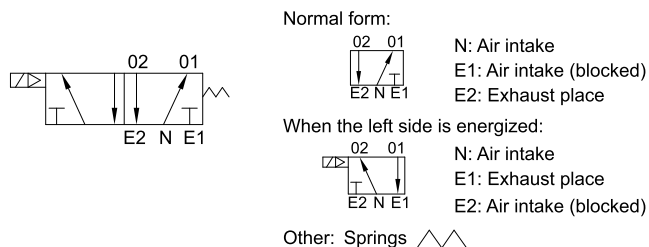
Port size: 3/8
 1-General
 2-Car type

Voltage:
 AC110/AC220
 DC12/DC24

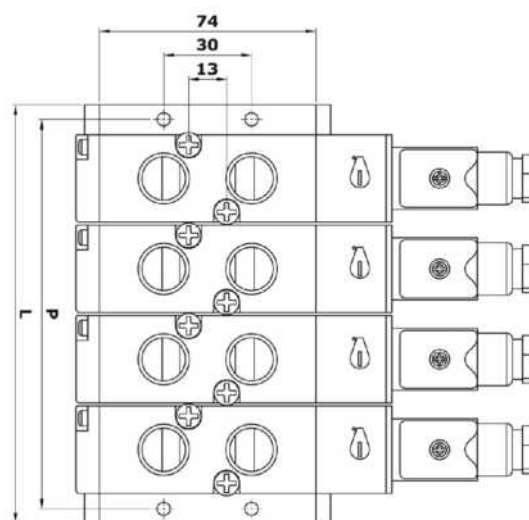
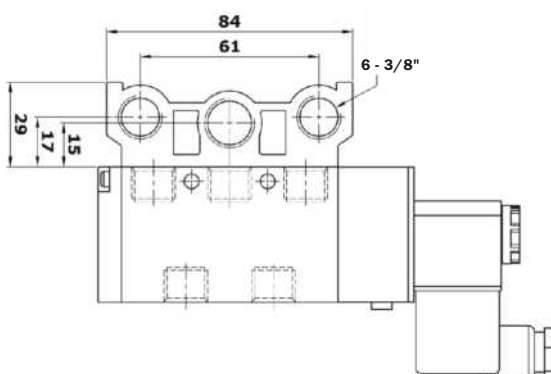
Body size: 3/8

Solenoid Valve: 5Port 2Ways

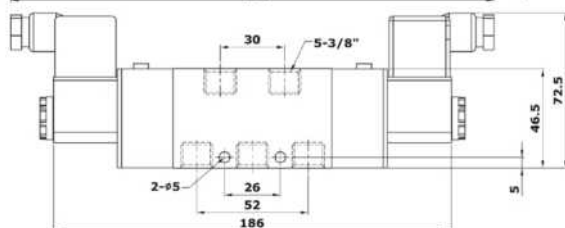
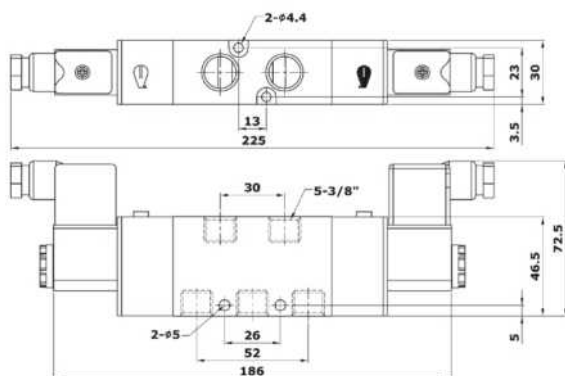
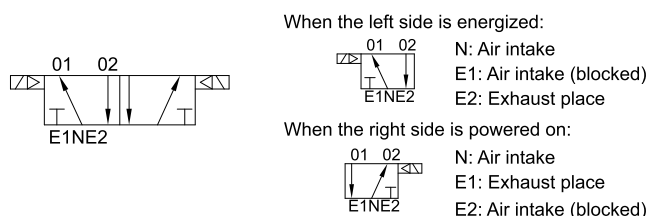
NA313-Operation Single Type Drawing



NA313-Manifold Type Drawing



NA313-Operation Double Type Drawing



Stations Part No.	2 Stations	3 Stations	4 Stations	5 Stations
	NA3017	NA3018	NA3019	NA3020
P	71	102	133	164
L	81	112	143	174

NC212-5PORT 3 WAY



NC212-AC110-E2C

NC313-5PORT 3 WAY

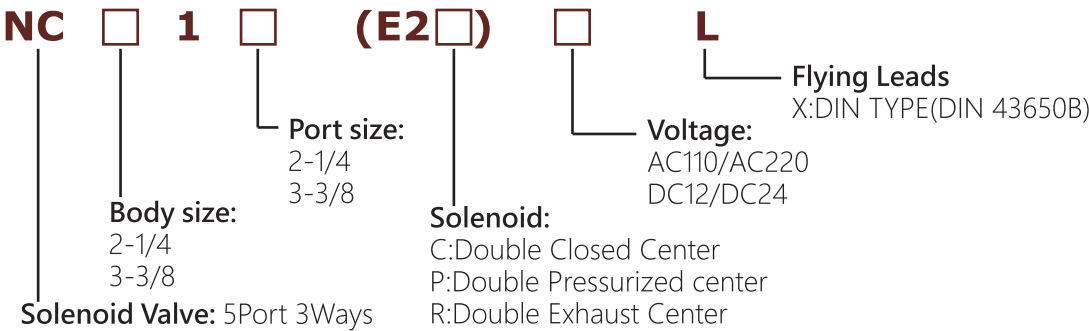


NC313-AC110-E2C

SPECIFICATION

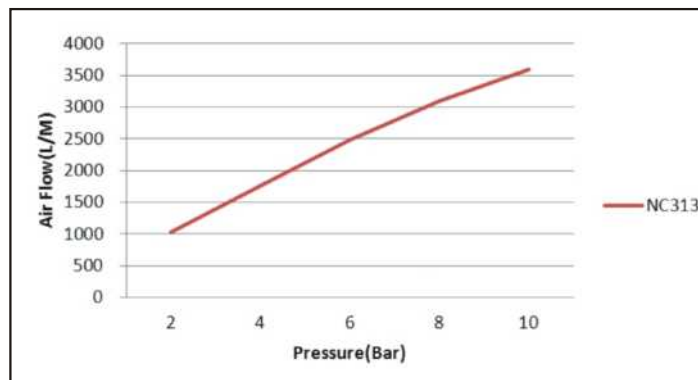
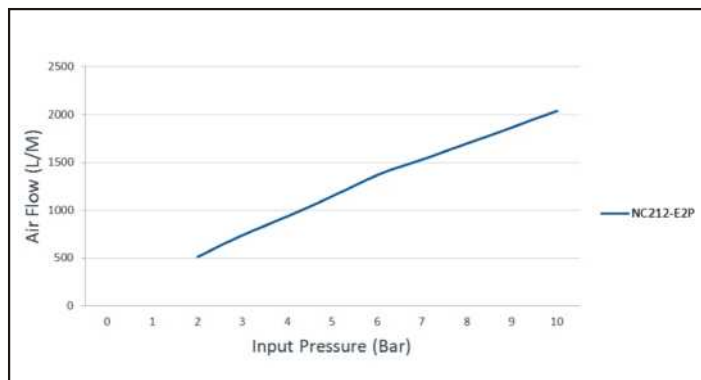
Part No.		NC212(E2)			NC313(E2)		
		NC212L(E2)			NC313L(E2)		
		E2C	E2P	E2R	E2C	E2P	E2R
Medium		Air					
Port Size		1/4" 3/8"PT,NPT,G					
Coil		Double					
Working Pressure		43~188PSI / 3~13 Bar / 0.3~1.3MPa					
Max Pressure		218PSI / 15Bar / 1.5MPa					
Ambient Temp		-5 ~ 60°C (No freezing)					
Flow(L/min)		2000			3600		
Response Time		0.05s			0.05s		
Circulation Volume (Cv)		0.8	1.13	1.03	cv=2.5		
Insulation Class		F					
Protection Class		IP 65					
Voltage	DC	12V	24V		12V	24V	
	AC	110V	220V		110V	220V	
Meet The International Norms		JIS B 8375					

ORDER INFORMATION

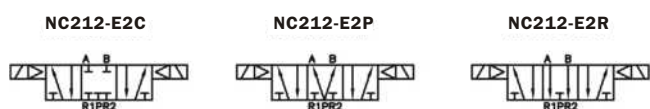


5PORT 3 WAY

SOLENOID VALVE



NC212-5PORT 3 WAY

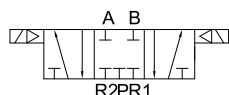


Normal form:



P: Air intake (blocked)
R1: Air intake (blocked)
R2: Air intake (blocked)

When the left side is energized:

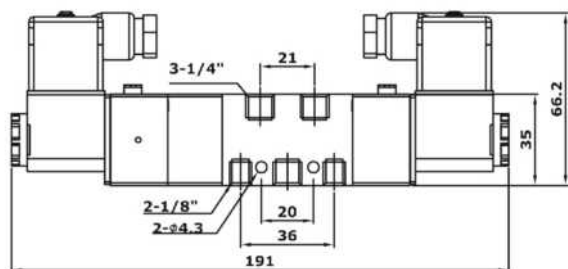


P: Air intake
R1: Exhaust place
R2: Air intake (blocked)

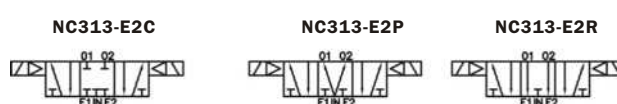
When the right side is powered on:



P: Air intake
R1: Air intake (blocked)
R2: Exhaust place



NC313-5PORT 3 WAY

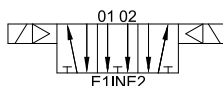


Normal form:



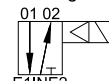
IN: Air intake (blocked)
E1: Exhaust place
E2: Exhaust place

When the left side is energized:

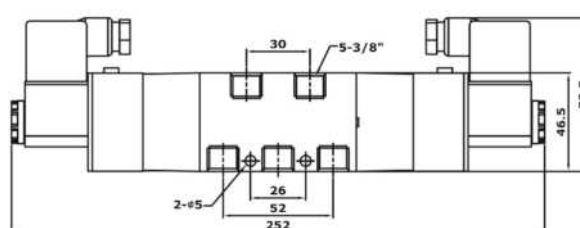
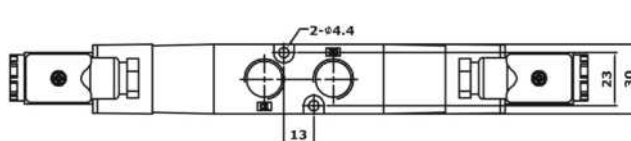


IN: Air intake
E1: Air intake (blocked)
E2: Exhaust place

When the right side is powered on:



IN: Air intake
E1: Exhaust place
E2: Air intake (blocked)



2 PORT 2 WAY



NB202

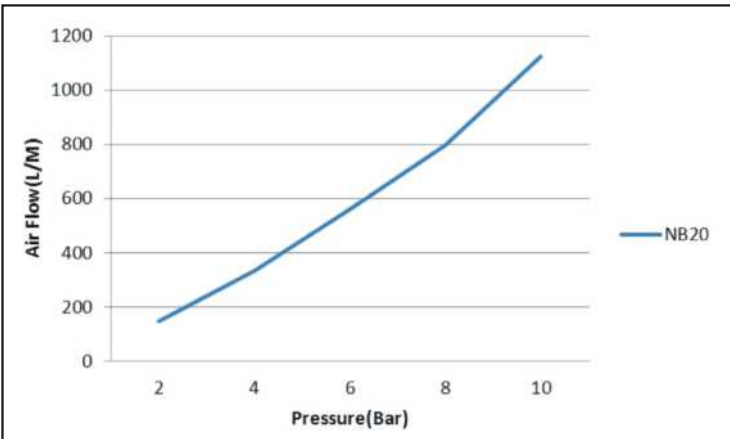
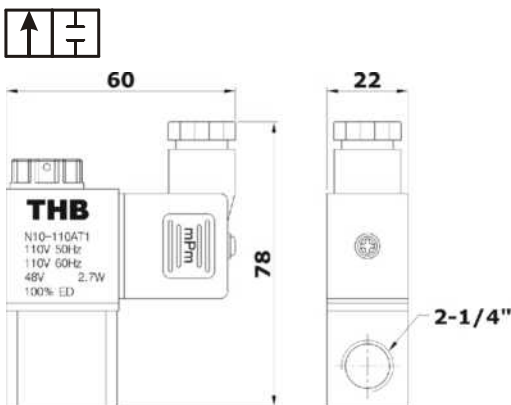
SPECIFICATION

Part No.		NB202	
Medium		Air	
Port Size		1/4"	
Thread		PT, NPT, G	
Operating		Single	
Working Pressure		215PSI / 15Bar / 1.5MPa	
Ambient Temp		-10 ~ 60 °C (No freezing)	
Flow(L/min)		1100	
Response Time		0.05 sec	
Circulation Volume(CV)		0.4	
Insulation Class		F	
Protection Class		IP 65	
Voltage	DC	12V	24V
	AC	110V	220V
Meet The International Norms		JIS B 8373	

ORDER INFORMATION

NB 2 ☐ **2** ☐
Solenoid Valve: 2Port
Body size: 1/4
0-NC
1-NO
Port size: 1/4
Voltage:
AC110/AC220
DC12/DC24

NB202 Drawing



INTEGRATED SOLENOID VALVE



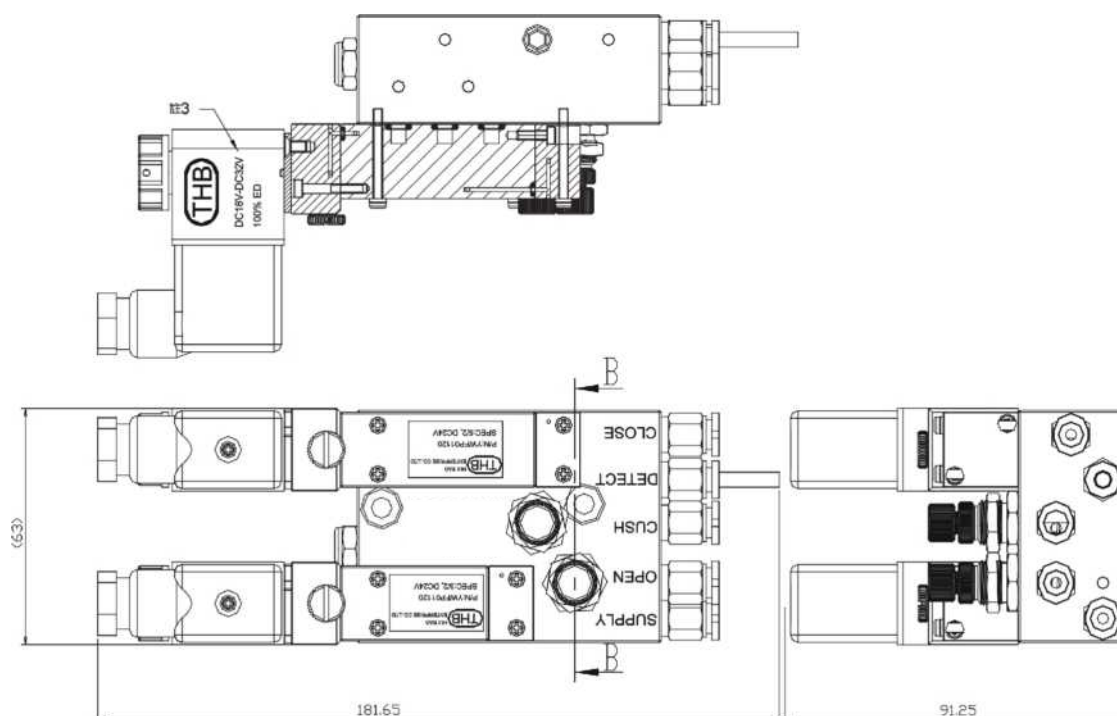
YWFP01120

SPECIFICATION

Part NO.	YWFP01120
Medium	Air
Port Size	6mm
Max Working Pressure	29~120PSI / 2~8Bar / 0.2~0.8MPa
Ambient Temp	-5~50°C / 23~122°F (No freezing)
Voltage DC	18~32V (DC24V Standard)

APPLICATION:

Automatic control for opening and closing of train and metro.



PNEUMATIC VALVE

NP101-5 PORT 2 WAY
NP101-3 PORT 2 WAY

NP101



NP101



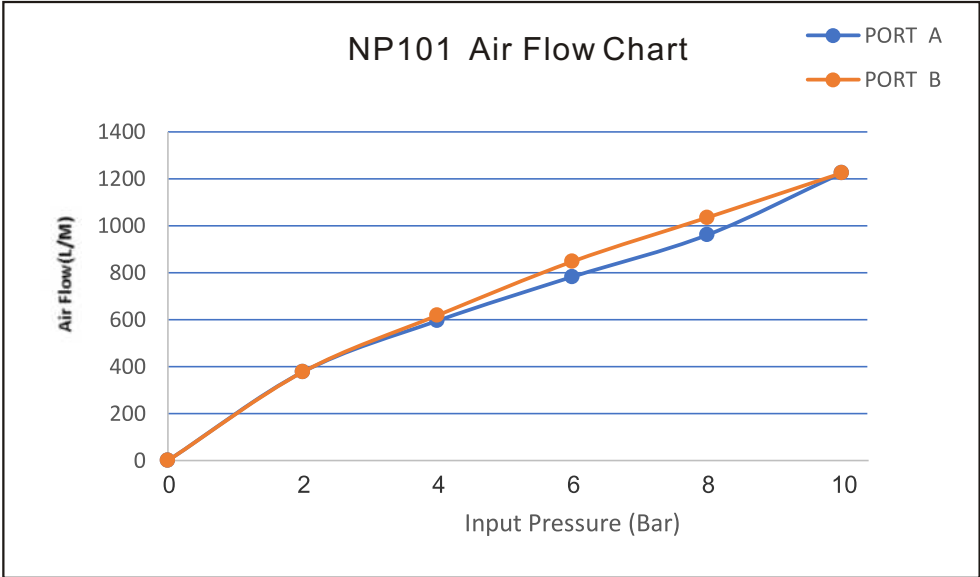
NP101-32



NP101-Client

SPECIFICATION

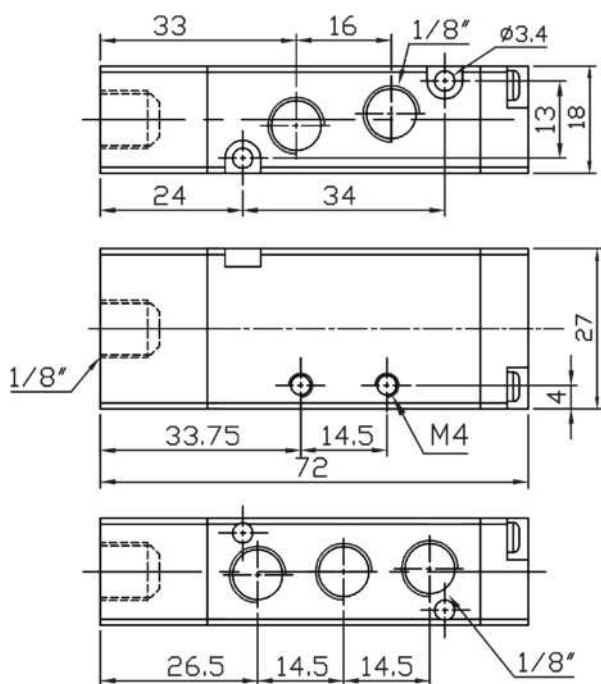
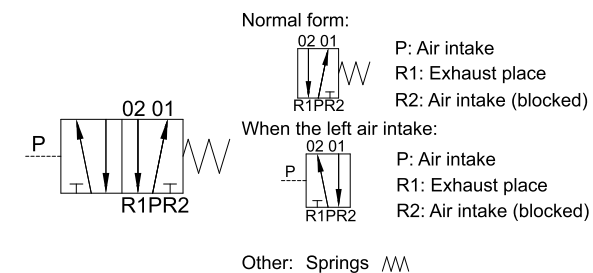
Part NO.	NP101	NP101-32	NP101-Client
Medium	Air		
Number of Port	5	3	5 or 3
Pneumatic Control	Single		
Working Pressure	0~114PSI / 0~8Bar / 0~0.8MPa		
Ambient Temp	-5~60 °C (No Freezing)		
Flow(L/min)@ 6Bar	800		
Reflective Time	0.05s		
Circulation Volume (Cv)	0.69		
Pilot Pressure Range	1.5~8Bar (22~114PSI/0.15~0.8MPa)		



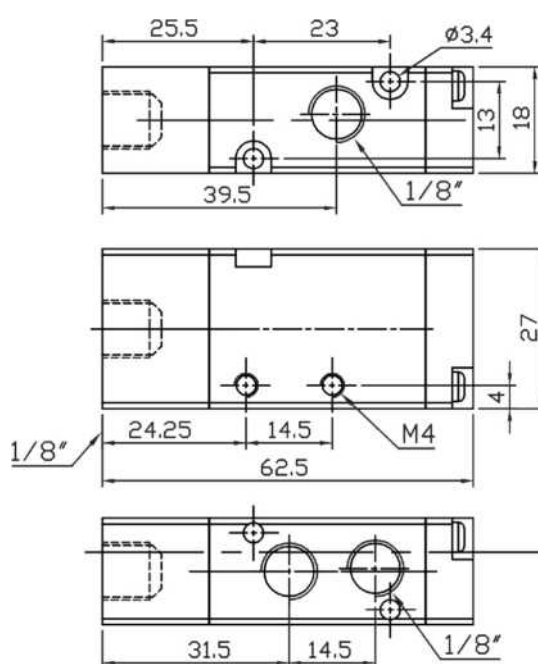
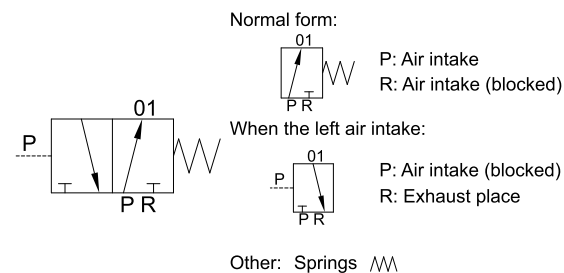
NP101-5 PORT 2 WAY NP101-3 PORT 2 WAY

PNEUMATIC VALVE

NP101-5 PORT 2 WAY



NP101-3 PORT 2 WAY



NP212-5PORT 2 WAY
NP212-5PORT 3 WAY

NP212-

NP212-A1



NP212-A2

NP212-A2C/A

NP212-A2C/A2P/A2R

Part No.	NP212(A1)	NP212(A2)	NP212(A2C/A2P/A2R)
Medium	Air		
Port Size	1/4PT,NPT,G		
Pneumatic control	Single	Double	
Ambient Temp	-5~60℃(No freezing)		
Flow(L/min)	2000		
Reflective Time	0.05s		
Circulation Volume (Cv)	1.03		A2C:0.8 / A2P:1.13 / A2R:1.03
Pilot pressure range	22~114PSI/ 1.5~8Bar/ 0.15~0.8MPa		

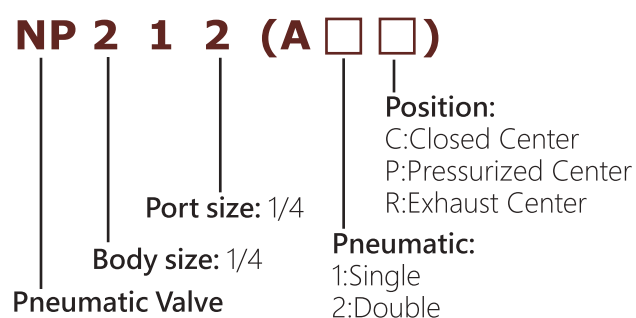
NP 2 1 2 (A □)

Pneumatic:
1:Single
2:Double

Port size: 1/4

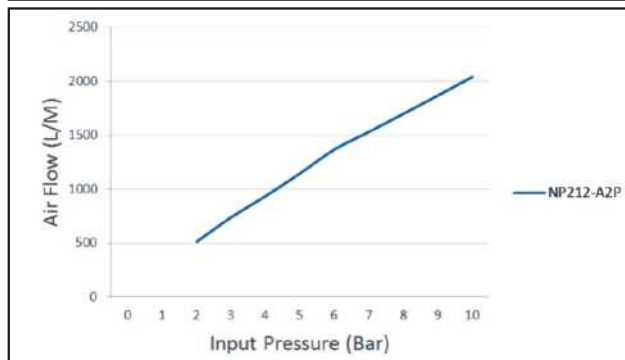
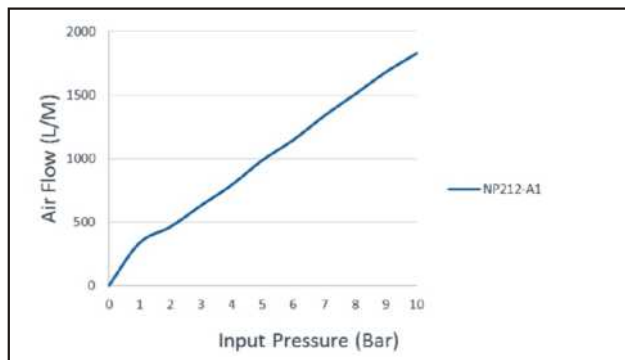
Body size: 1/4

Pneumatic Valve



NP212-5PORT 2 WAY NP212-5PORT 3 WAY

PNEUMATIC VALVE



NP212-5Port 3 Way Drawing

NP212-A2C



NP212-A2P



NP212-A2R



Normal form:



P: R1: R2:
Air intake (blocked)

When the left air intake:

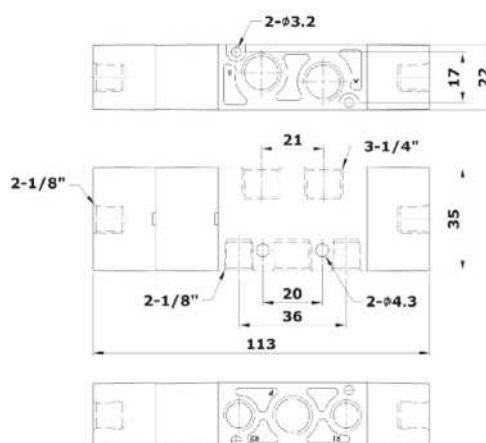


P: Air intake
R1: Air intake (blocked)
R2: Exhaust place

When the right air intake:

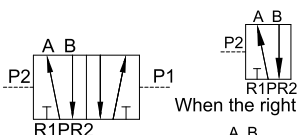


P: Air intake
R1: Exhaust place
R2: Air intake (blocked)



NP212-5Port 2 Way Double Pneumatic Control Drawing

When the left air intake:

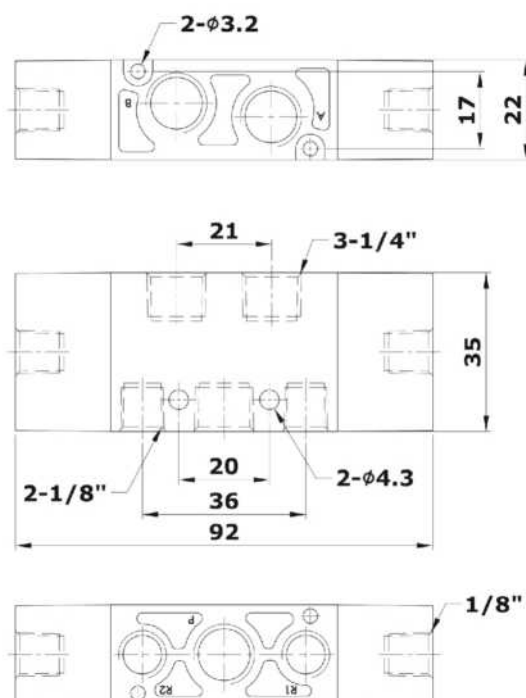


P: Air intake
R1: Air intake (blocked)
R2: Exhaust place

When the right air intake:



P: Air intake
R1: Exhaust place
R2: Air intake (blocked)



NP212-5Port 2 Way Single Pneumatic Control Drawing

Normal form:



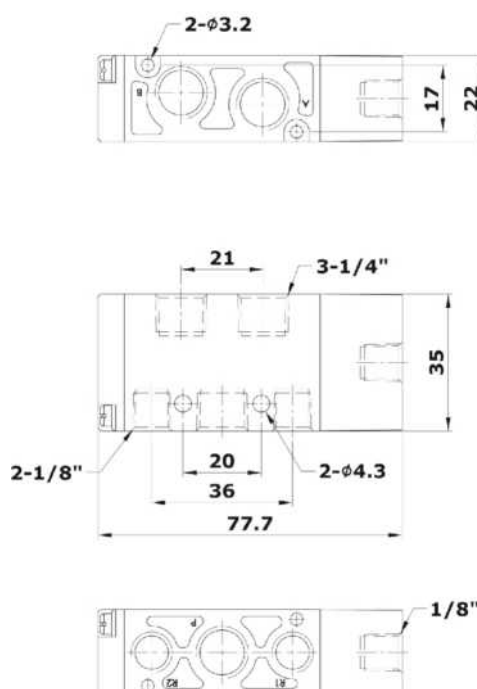
P: Air intake
R1: Air intake (blocked)
R2: Exhaust place

When the right air intake:



P: Air intake
R1: Exhaust place
R2: Air intake (blocked)

Other: Springs



PNEUMATIC VALVE

NP313-5PORT 2 WAY



NP313-A1



NP313-A2

NP313-5PORT 3 WAY



NP313-A2C/A2P/A2R

SPECIFICATION

Part No.	NP313(A1)	NP313(A2)	NP313(A2C/A2P/A2R)
Medium	Air		
Port Size	3/8 PT, NPT, G		
Pneumatic control	Single	Double	
Ambient Temp	-5 ~ 60℃ (No freezing)		
Flow(L/min)	4300		
Reflective Time	0.05s		
Circulation Volume (Cv)	1.77		
Pilot pressure range	22~114PSI/ 1.5~8Bar / 0.15~0.8MPa		

ORDER INFORMATION

NP 3 1 3 (A □) /

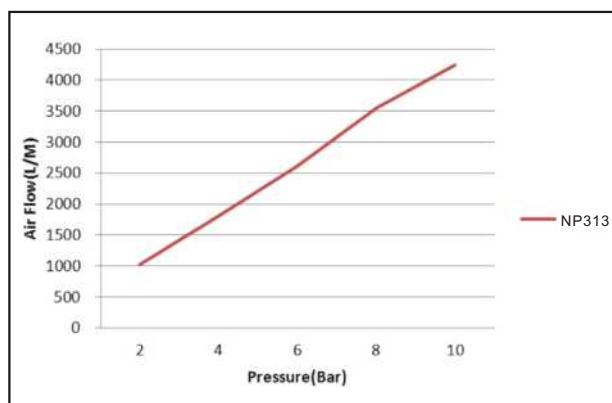
NP: Pneumatic Valve
3: Body size: 3/8
1: Port size: 3/8
3: Pneumatic:
1: Single
2: Double

NP 3 1 3 (A □ □)

NP: Pneumatic Valve
3: Body size: 3/8
1: Port size: 3/8
3: Pneumatic:
1: Single
2: Double
□: Position:
C: Closed Center
P: Pressurized Center
R: Exhaust Center

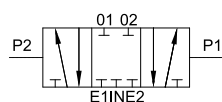
NP313-5PORT 2 WAY NP313-5PORT 3 WAY

PNEUMATIC VALVE



Normal form:

IN \ E1 \ E2:
Air intake (blocked)



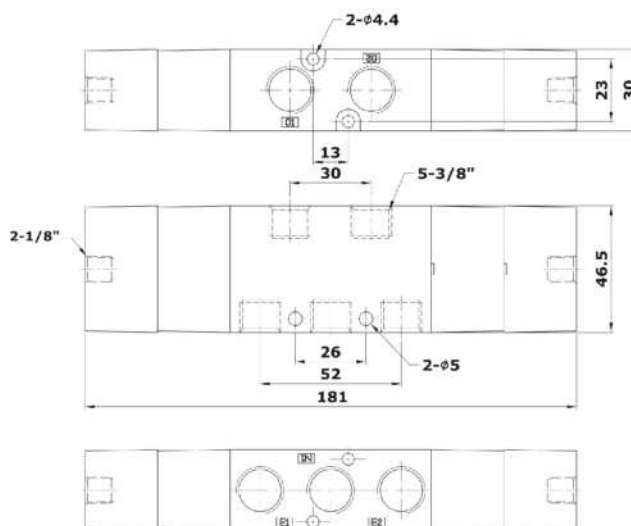
When the left air intake:

IN: Air intake
E1: Air intake (blocked)
E2: Exhaust place

When the right air intake:

IN: Air intake
E1: Exhaust place
E2: Air intake (blocked)

NP313-5Port3 way Drawing



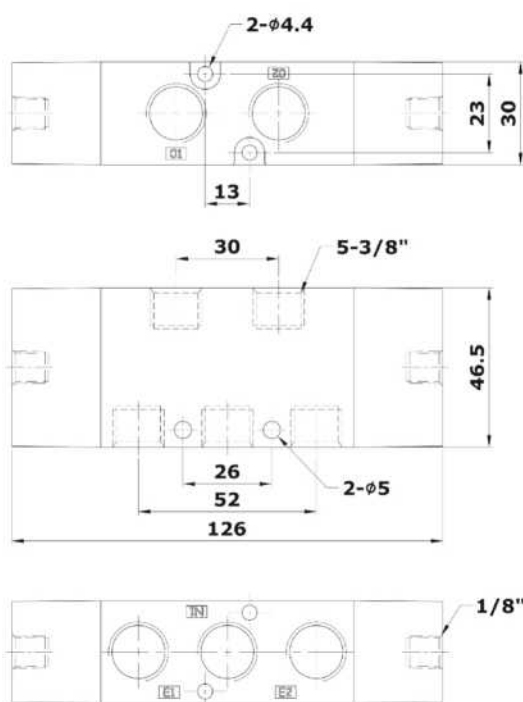
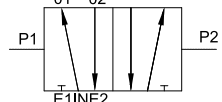
NP313-5Port 2 Way Double Pneumatic Control Drawing

When the left air intake:

IN: Air intake
E1: Air intake (blocked)
E2: Exhaust place

When the right air intake:

IN: Air intake
E1: Exhaust place
E2: Air intake (blocked)



NP313-5Port 2 Way Single Pneumatic Control Drawing

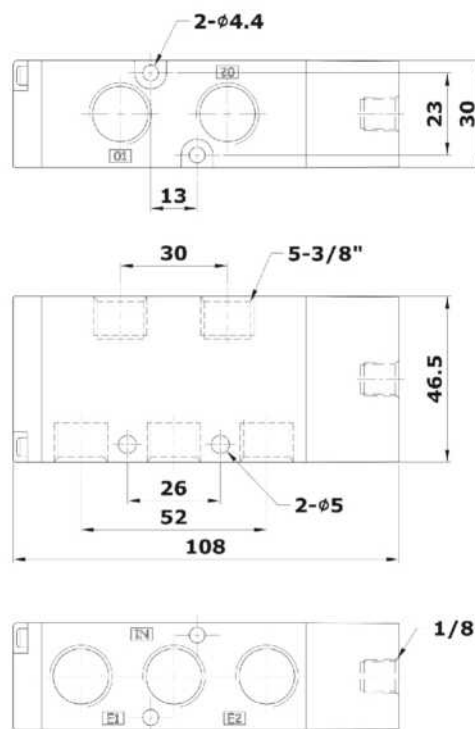
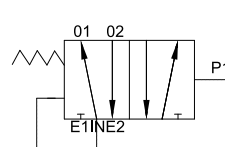
Normal form:

IN: Air intake
E1: Air intake (blocked)
E2: Exhaust place

When the right air intake:

IN: Air intake
E1: Exhaust place
E2: Air intake (blocked)

Other: Springs



Mechanical Valves



NH212



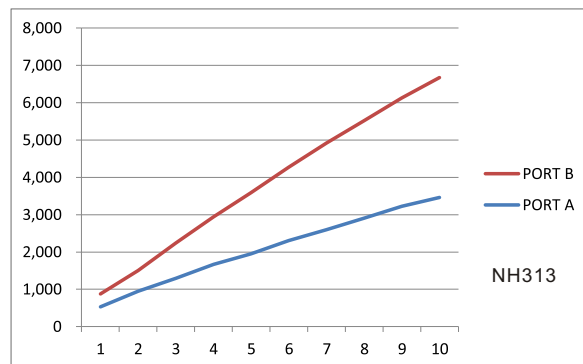
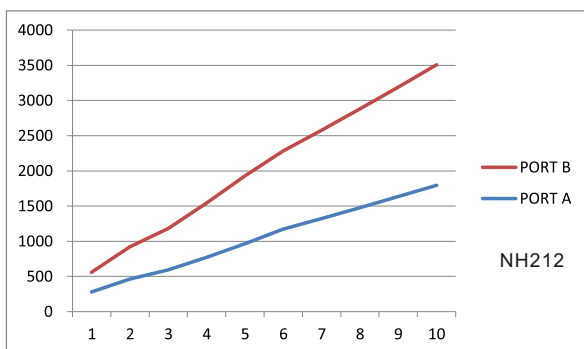
NH313

SPECIFICATION

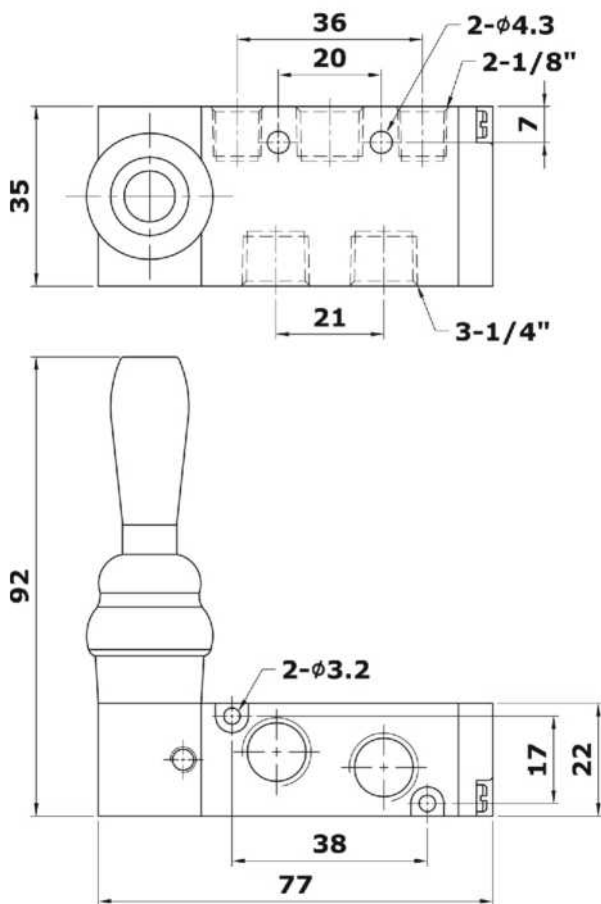
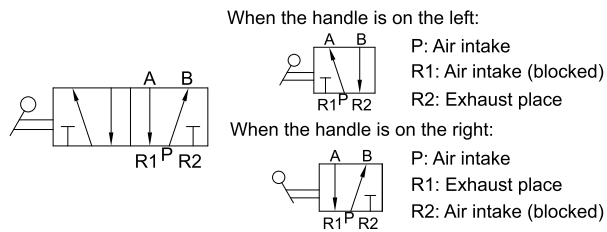
Part No.	NH212	NH313
Medium	Air	
Port Size	1/4"	3/8"
Thread	PT, NPT, G	
No. of port & position	5 Port 2 way	
Working Pressure	0~145 PSI / 0~10 Bar / 0~1.0MPa	
Ambient Temp	-10 ~ 60°C (No freezing)	
Flow (L/min)	2100	2500

ORDER INFORMATION

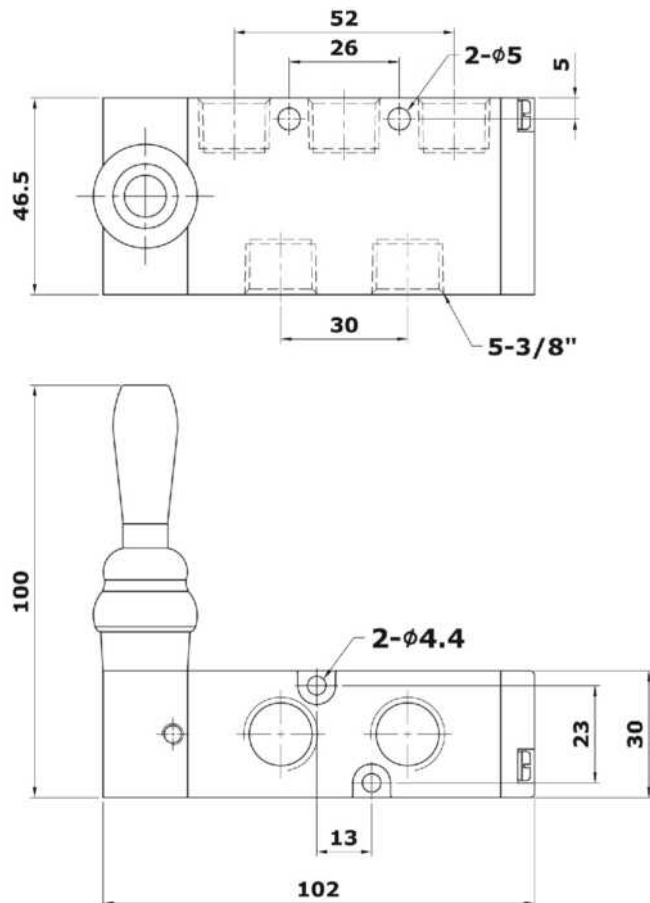
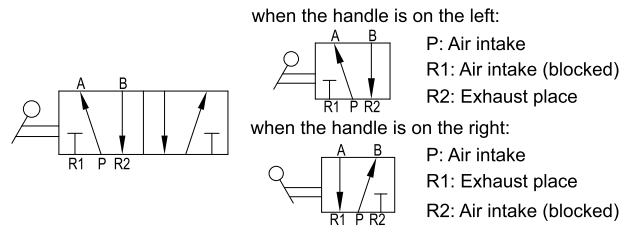
NH ☐ **1** ☐
 Mechanical Valve
 Body size:
 2-1/4
 3-3/8
 Port size:
 2-1/4
 3-3/8



NH212 Drawing



NH313 Drawing



HAND VALVE

NH222 /
NH222-32

Hand Valve



NH222



NH222-32

SPECIFICATION

Part No.	NH222		NH222-32	
Medium	Air			
Port Size	1/4"			
Thread	PT, NPT, G			
No.of port & position	5 Port 2 way		3 Port 2 way	
Working Pressure	0~218 PSI / 0 ~15 Bar / 0~1.5MPa			
Ambient Temp	-10 ~ 60°C (No freezing)			
Flow (L/min)	400			

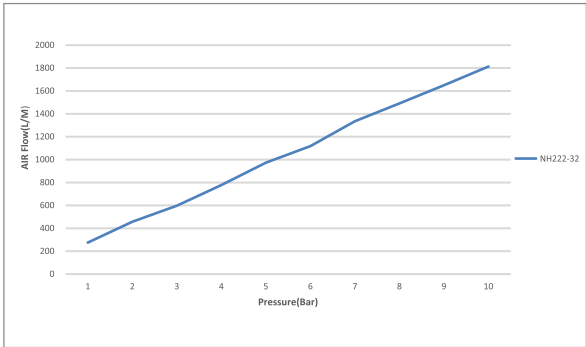
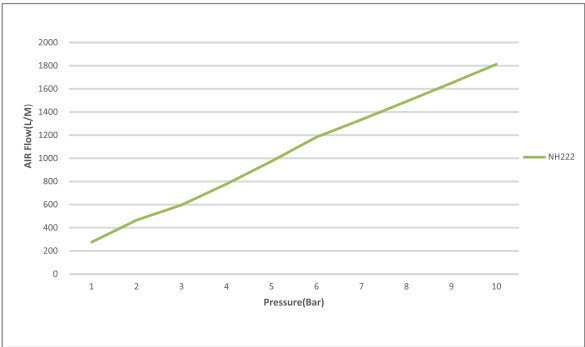
ORDER INFORMATION

NH ☐ 2 ☐

Port size:
2-1/4

Body size:
2-1/4

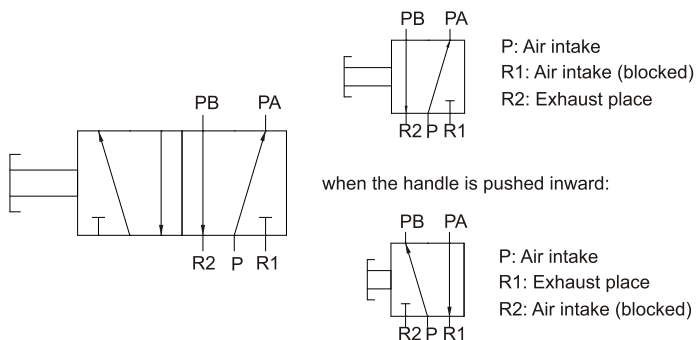
Hand Valve



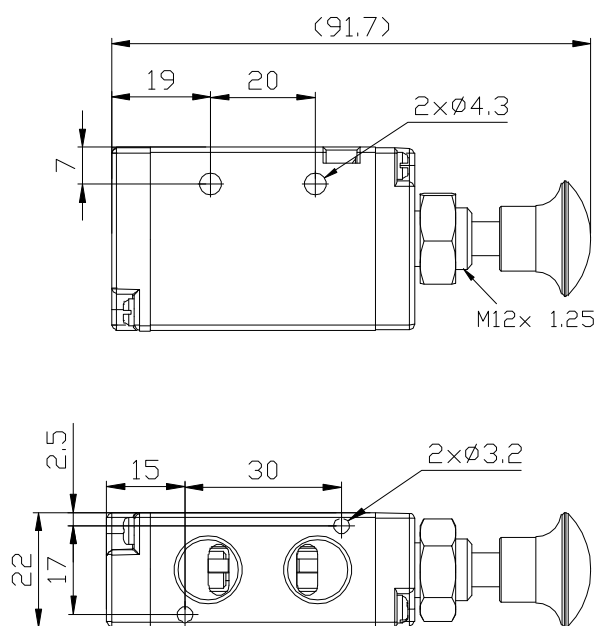
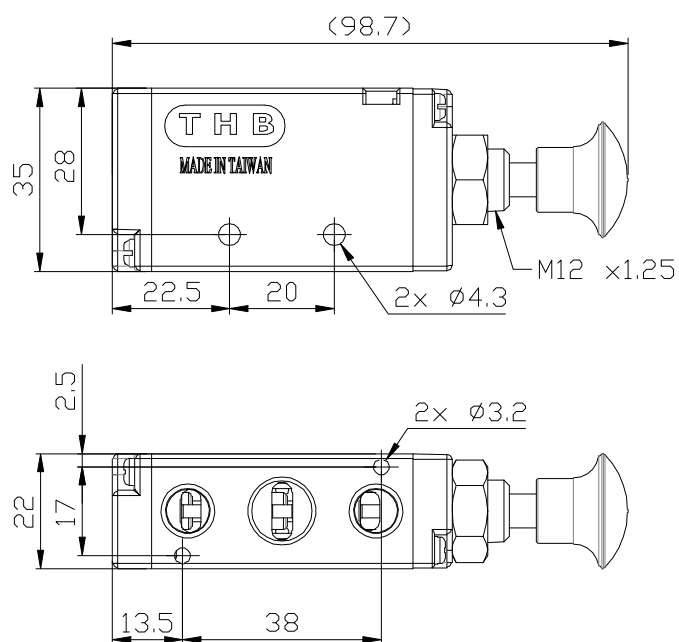
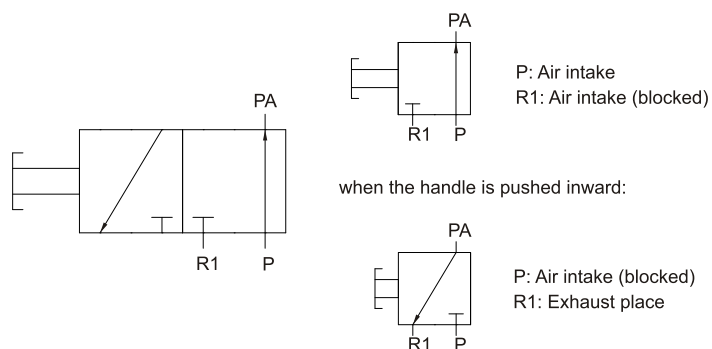
NH222 - 5 PORT 2 WAY

NH222-32 - 3 PORT 2 WAY

when the handle is pulled outwards:



when the handle is pulled outwards:

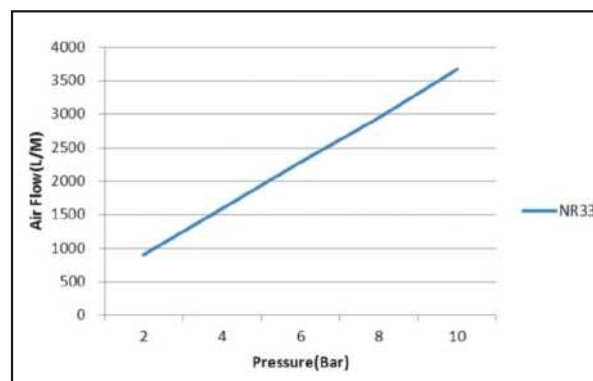


ROTARY VALVE

NR33-4PORT 3 WAY

ROTARY VALVE

R.O.C. Patent NO.M576217



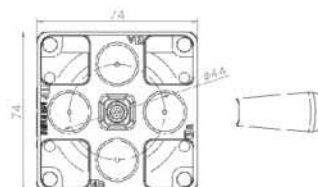
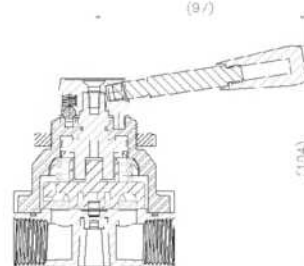
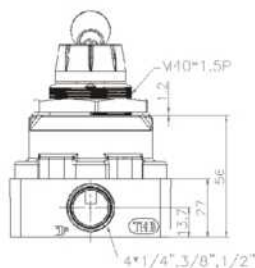
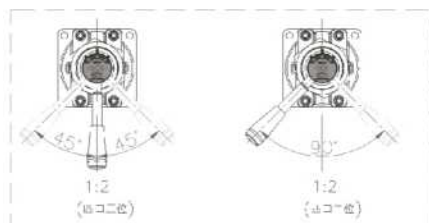
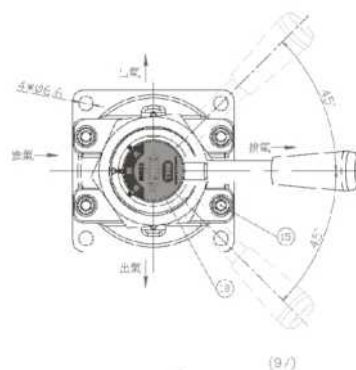
SPECIFICATION

Part No.	NR32	NR33
Medium	Air	
Port Size	1/4" 3/8" 1/2"PT,NPT,G	
Max Working Pressure	175PSI / 12Bar / 1.2MPa	
Ambient Temp	5~80°C	
Flow(L/min)	2500 at 100PSI(7Bar/0.7MPa)	
Valve Type	4 Port 2Way	4 Port 3Way

NR33-4PORT 3 WAY Drawing

ORDER INFORMATION

NR **3** ☐
 | | |
 Rotary Valve: 5Port Body size: 3/8
 Port size:
 2-1/4
 3-3/8
 4-1/2



NF322
NF422

FOOT VALVE



NF322

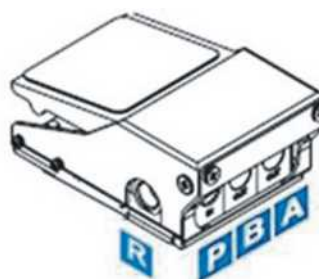
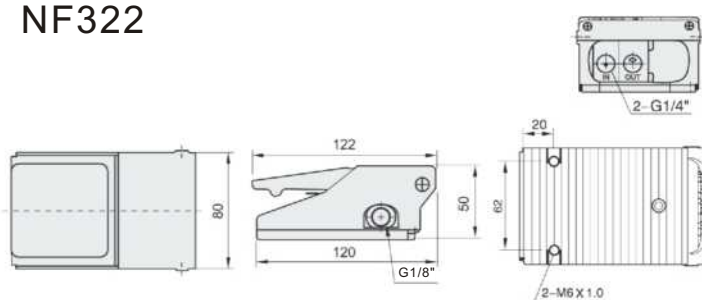


NF422

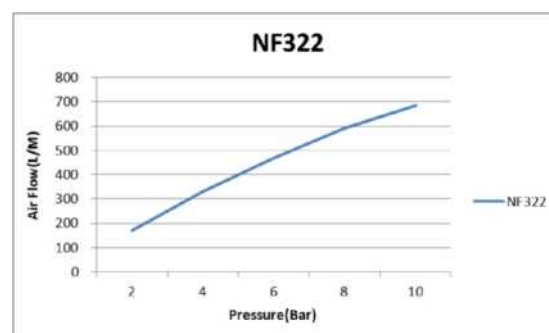
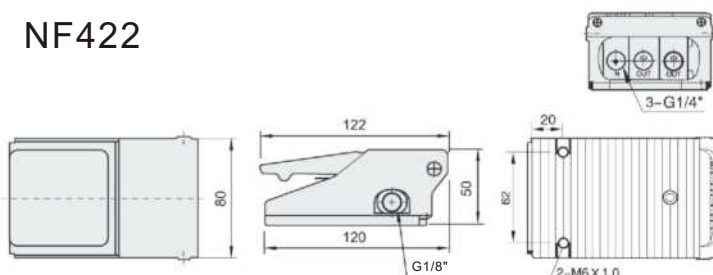
SPECIFICATION

Part No.	NF322	NF422
Working Medium	Air	
Acting Type	External Control	
Lubrication	Not Required	
Working Pressure	0~116 PSI / 0~8 Bar / 0~0.8Mpa	
Max Pressure	174PSI(12Bar/1.2Mpa)	
Working Temperature	-5~60°C	
Port Size	1/4"	
Effective Orifice	8mm ²	

NF322



NF422



CRM Series Rotary Table

ROTARY TABLE/AIR GRIPPER

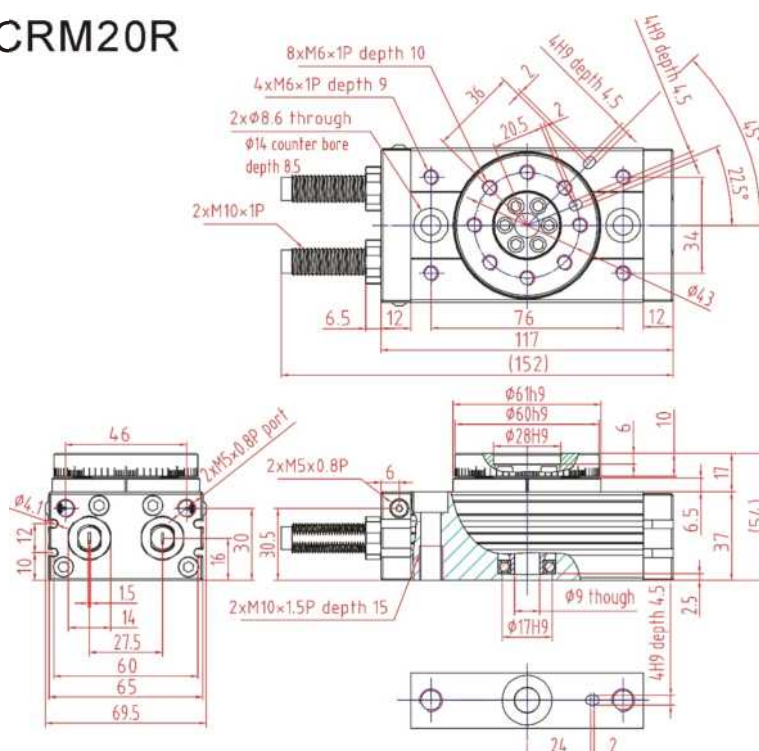
R.O.C. Patent NO.M514527



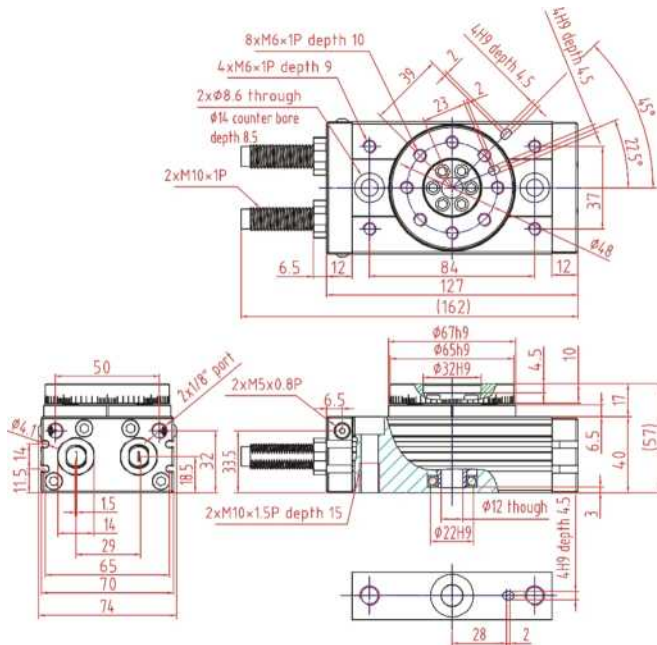
ROTARY TABLE/AIR GRIPPER

Model		CRM20R	CRM30R	CRM50R	CRM100R
Action		Double acting			
Cylinder bore size(mm)		Φ18	Φ21	Φ25	Φ32
Port size	End Ports	M5x0.8	1/8"		
	Side Ports	M5x0.8			
Fluid		Air			
Operating pressure		14.5 ~87PSI / 1~6Bar / 0.1~0.6Mpa			
Ambient and fluid temperature		0~+60°C (No Freezing)			
Angle Adjustment Range		0~190°(Max)			

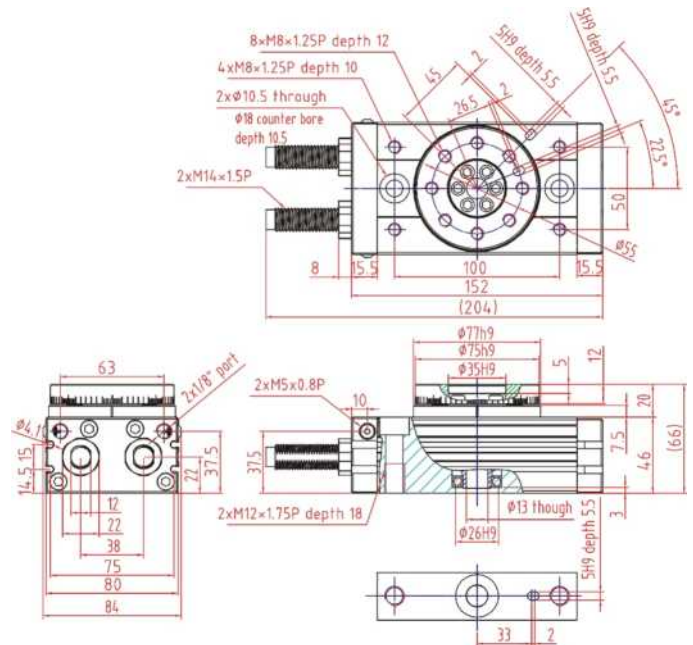
CRM20R



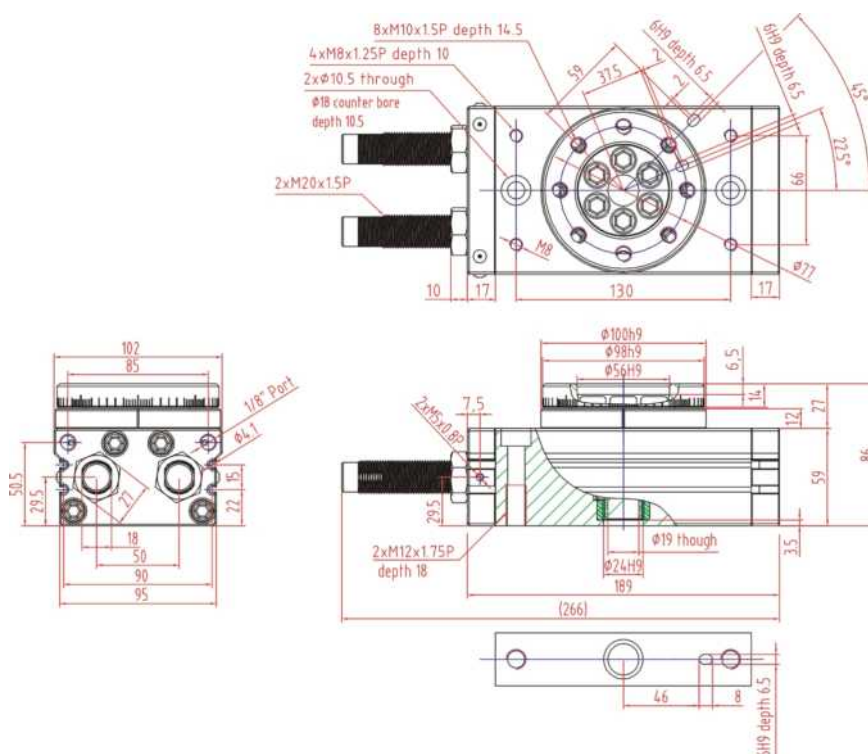
CRM30R



CRM50R



CRM100R



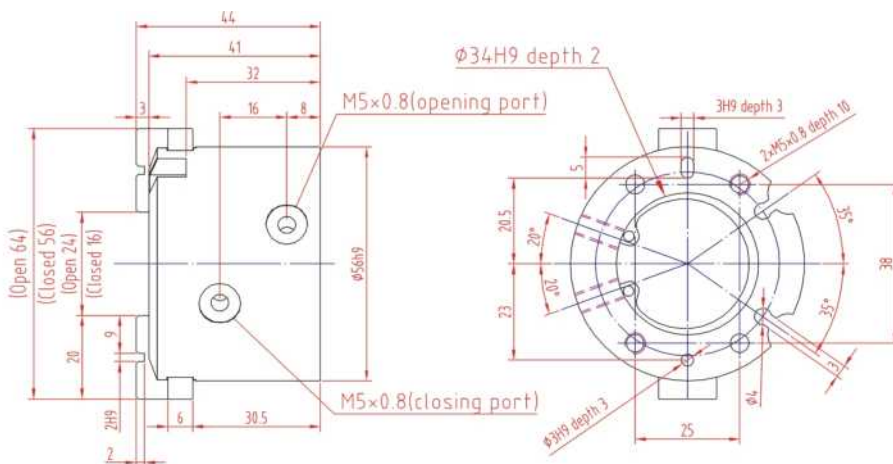
Parallel Style Air Gripper 2-Finger Type



Part NO.		GC322	GC402	GC502	GC632	GC802
Cylinder Bore Size (mm)		32	40	50	63	80
Port Size		M5x0.8				1/8"
Fluid		Air				
Operating Pressure (Bar)		1~6				
Ambient and Fluid Temperature(°C)		-10~+60				
Repeatability (mm)		±0.01				
Max. Operating Frequency(C.P.M.)		60				
Opening /Closing Stroke (Both Sides) (mm)		8	8	12	16	20
Action		Double Acting				
Effective Gripping Force(N) At5Bar	External Grip	110	175	280	500	750
	Internal Grip	120	190	305	535	785

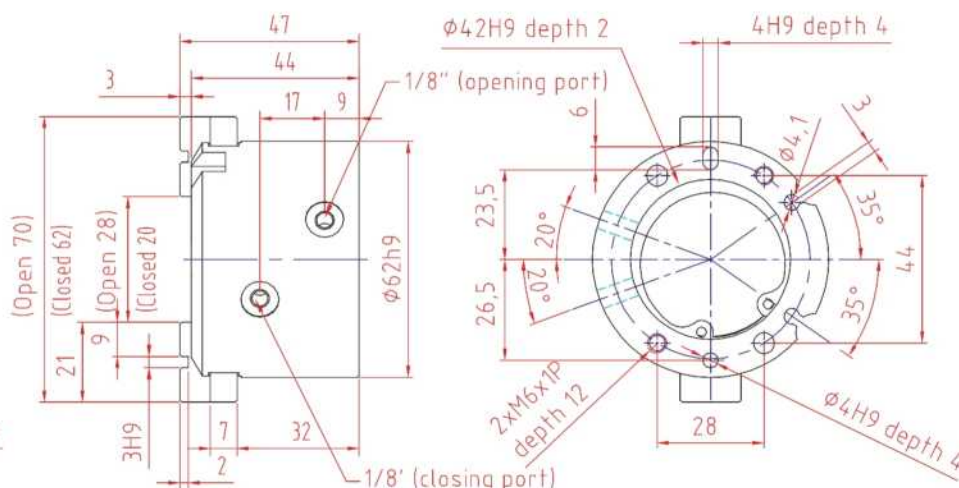
Technical drawing of a mechanical part with the following dimensions and annotations:

- Top Section:**
 - Two holes: $2 \times \phi 4.5$ through 8 counterbore 9 depth
 - Overall width: 25
 - Overall height: 38
- Bottom Section:**
 - Overall height: 45
 - Overall width: 13.9
 - Bottom hole: $\phi 8 \pm 0.02$
 - Bottom hole thread: 4-M4 $\times 0.7$ depth 8
- Other Features:**
 - Two circular features on the sides, each with a center mark.
 - A curved section on the left side.

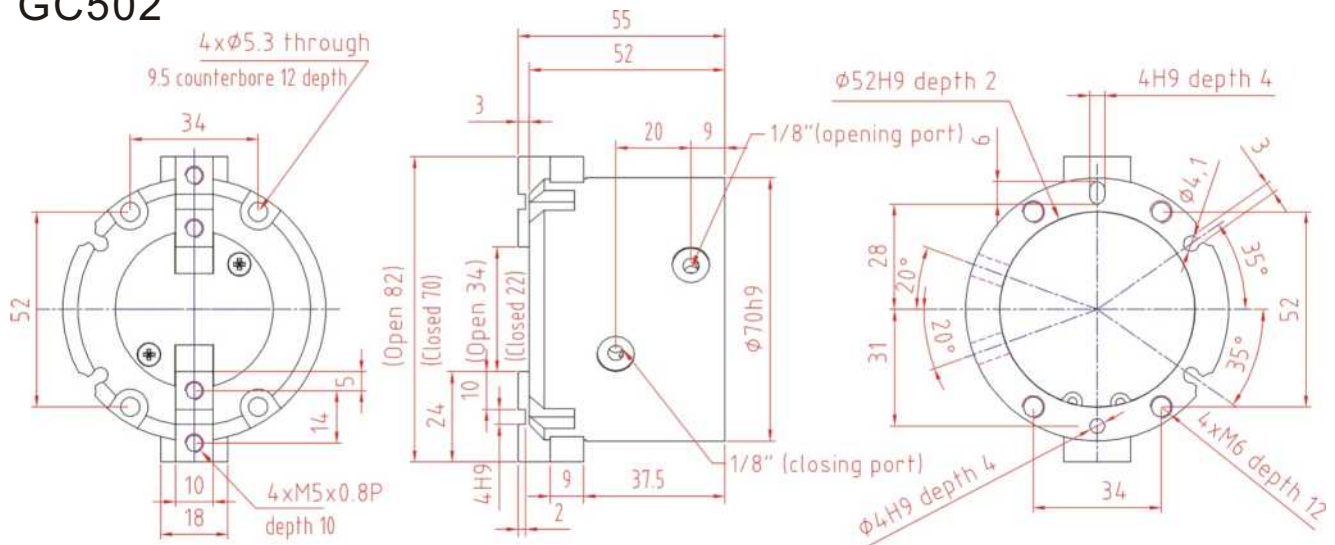


Technical drawing of a circular mechanical part with the following dimensions and features:

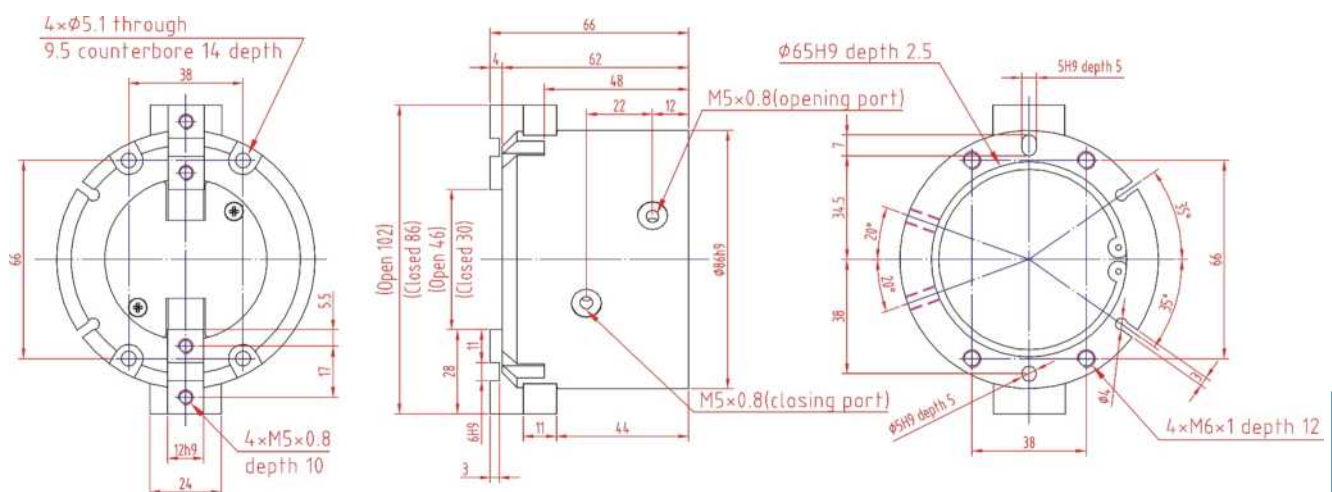
- Top hole: $2 \times \phi 5.3$ through
- Counterbore: $\phi 9.5$ counterbore 9 depth
- Top hole diameter: 28
- Left side dimension: 4.4
- Right side dimension: 4.5
- Bottom hole diameter: 12
- Bottom hole diameter: 8h9
- Bottom hole diameter: 16
- Bottom hole diameter: $4 \times M4 \times 0.7P$
- Bottom hole depth: depth 8



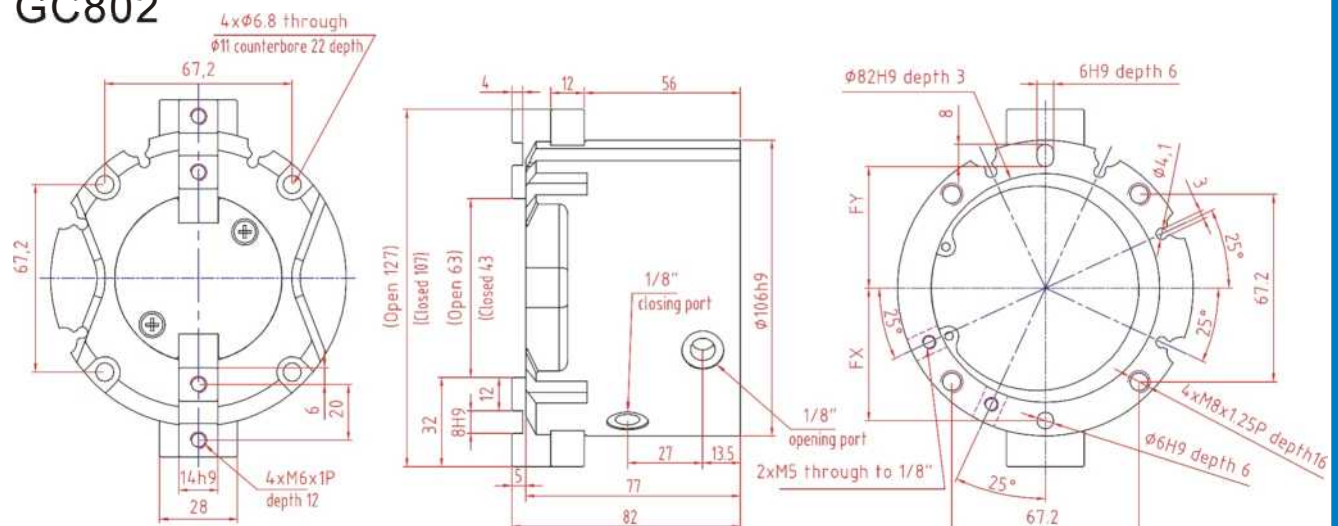
GC502



GC632



GC802



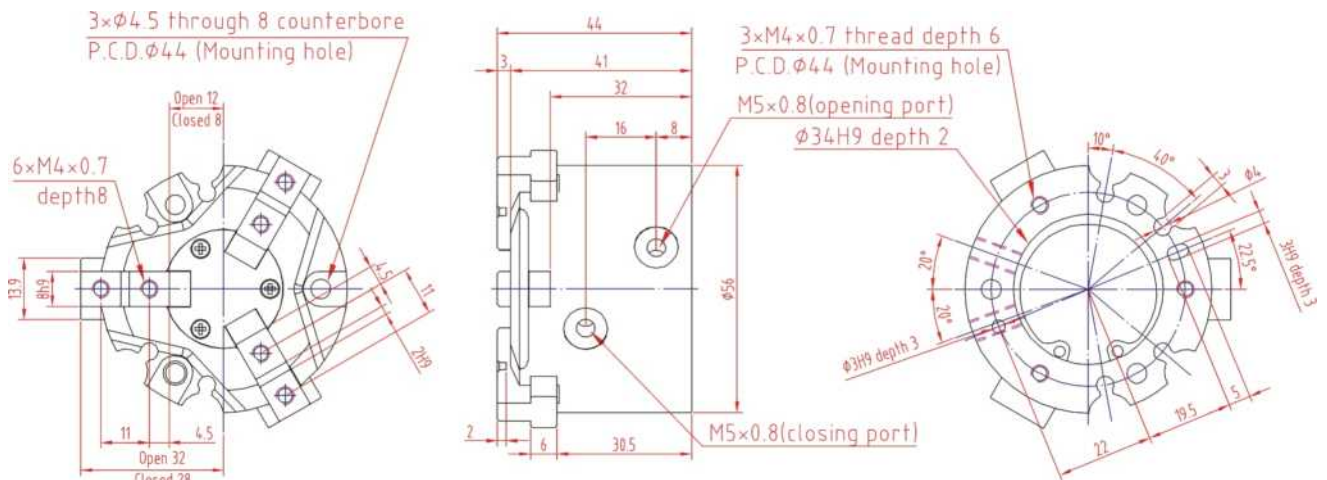
ROTARY TABLE/AIR GRIPPER

Parallel Style Air Gripper 3-Finger Type

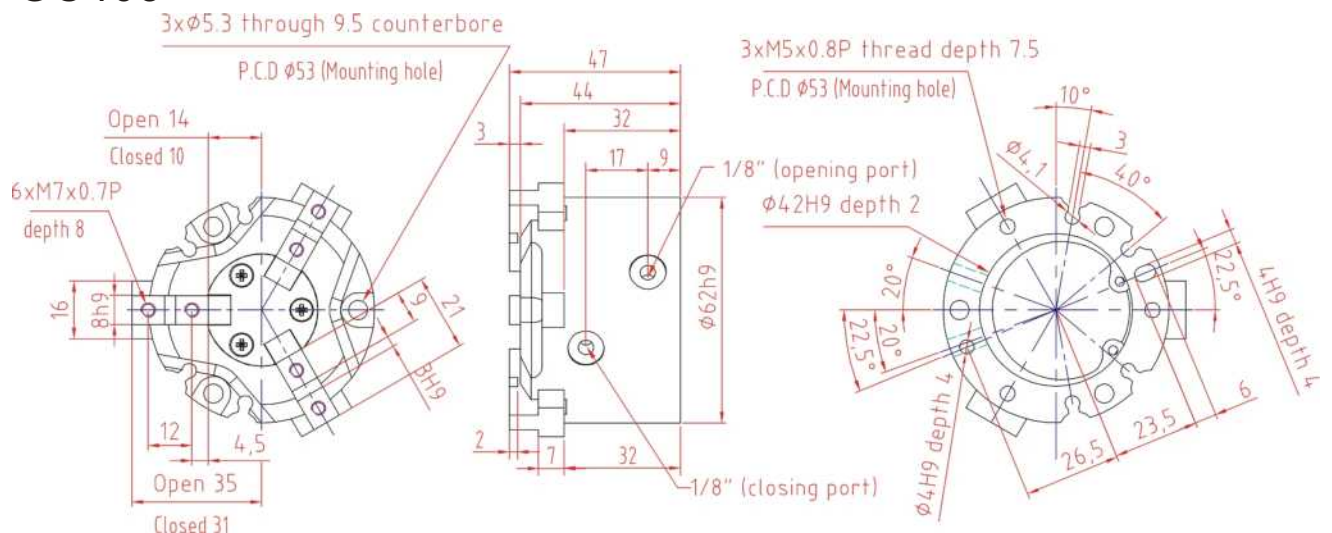


Part NO.	GC323	GC403	GC503	GC633	GC803
Cylinder Bore Size (mm)	32	40	50	63	80
Port Size	M5x0.8				1/8"
Fluid	Air				
Operating Pressure (Bar)	1~6				
Ambient and Fluid Temperature(°C)	-10~+60				
Repeatability (mm)	±0.01				
Max. Operating Frequency(C.P.M.)	60				
Opening /Closing Stroke (Both Sides) (mm)	8	8	12	16	20
Action	Double Acting				
Effective Gripping Force(N) At 5Bar	External Grip	74	118	187	335
	Internal Grip	82	130	204	359
		500	525		

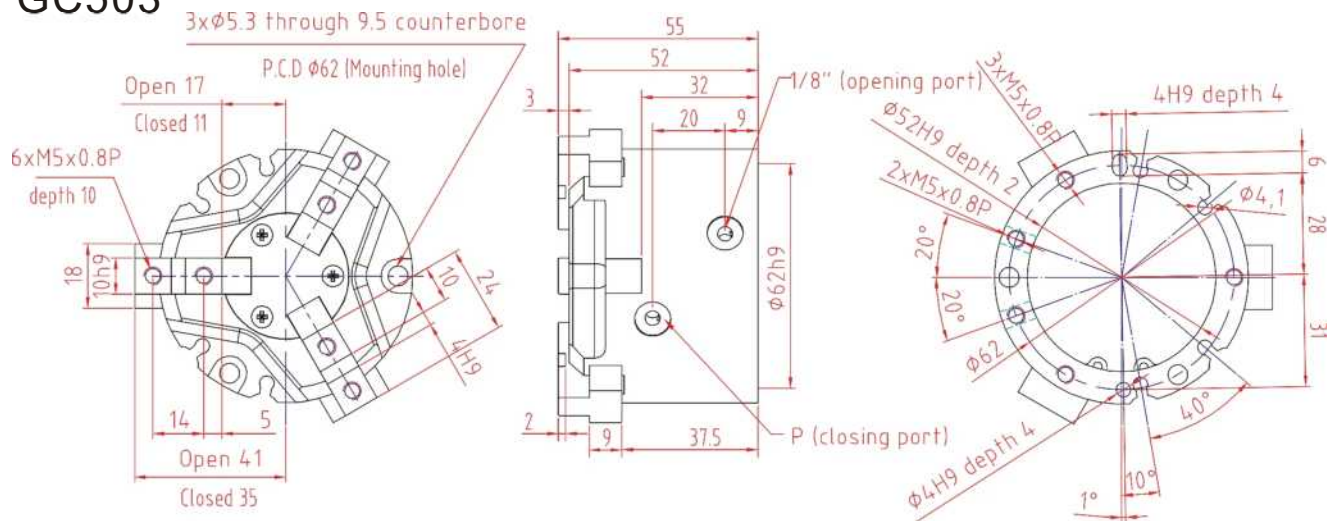
GC323



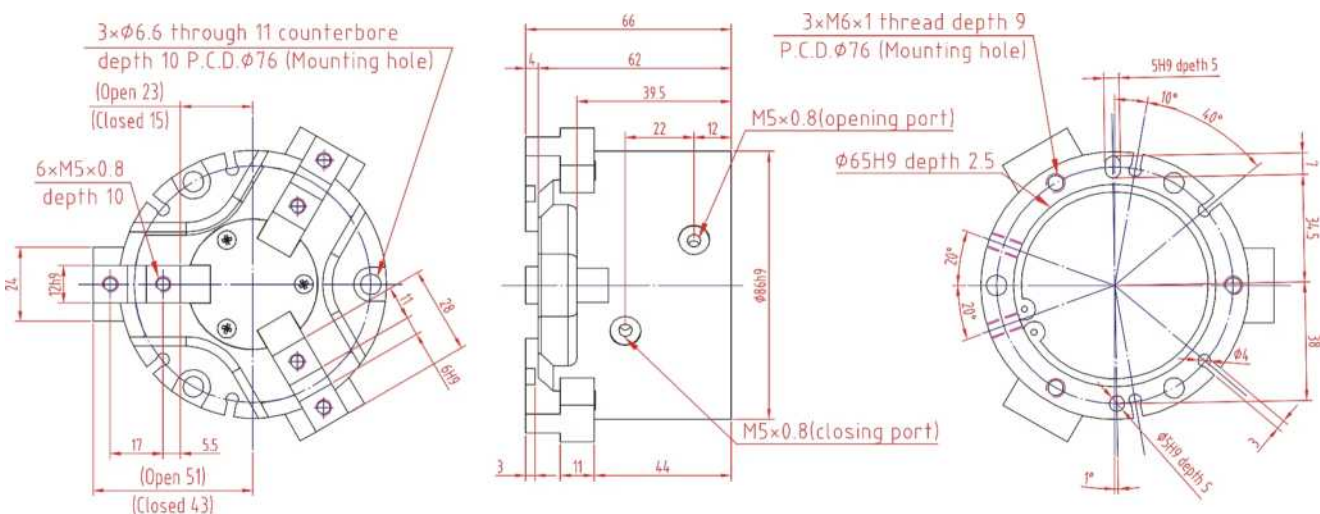
GC403



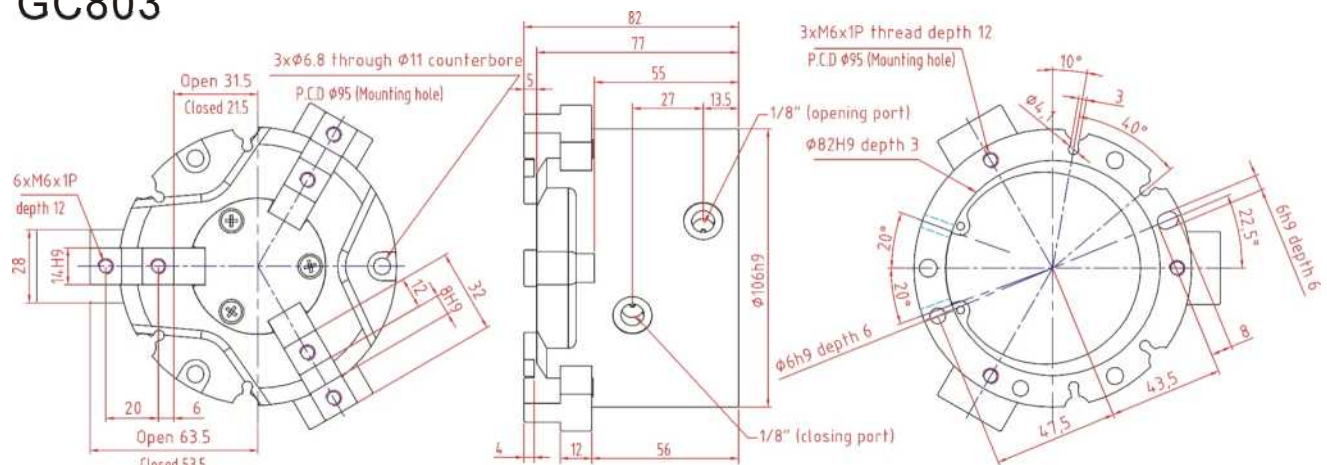
GC503



GC633



GC803



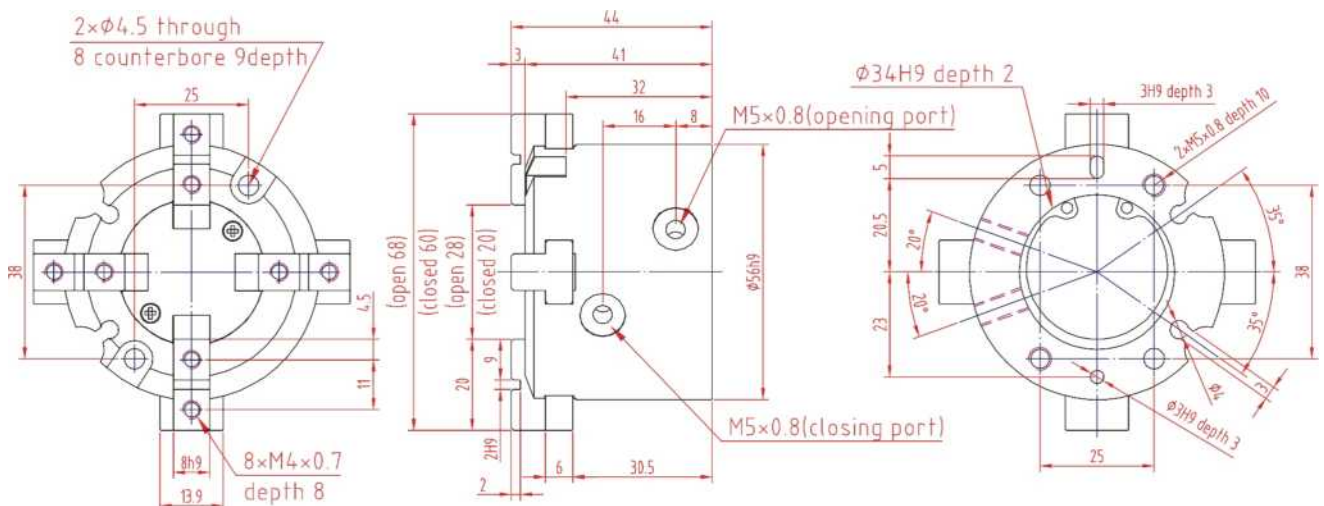
ROTARY TABLE/AIR GRIPPER

Parallel Style Air Gripper 4-Finger Type

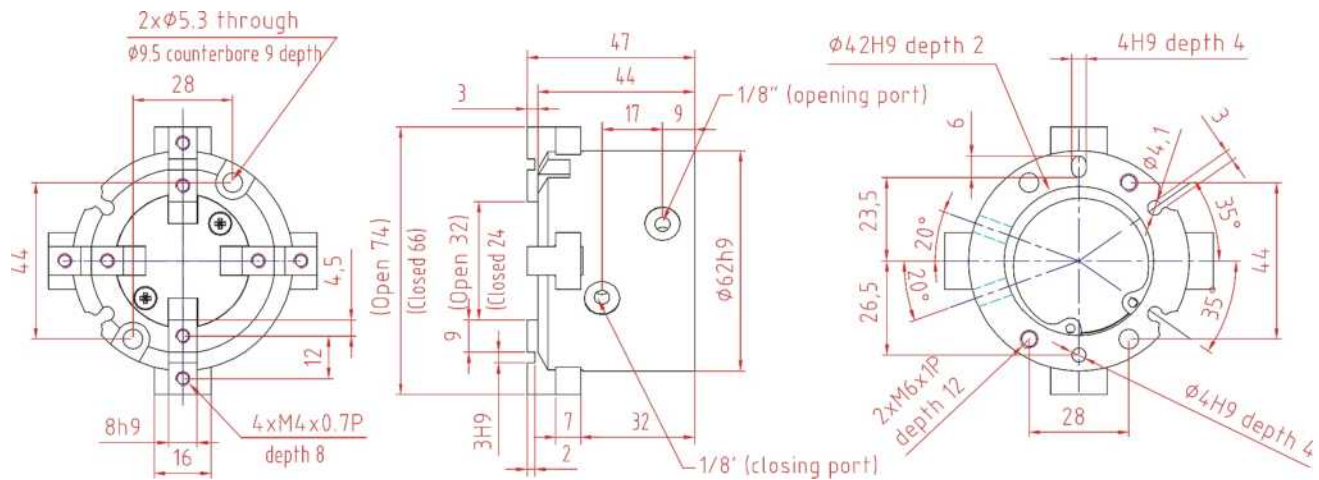


Part NO.	GC324	GC404	GC504	GC634
Cylinder Bore Size (mm)	32	40	50	63
Port Size	M5x0.8			
Fluid	Air			
Operating Pressure (Bar)	1~6			
Ambient and Fluid Temperature(°C)	-10~+60			
Repeatability (mm)	±0.01			
Max. Operating Frequency(C.P.M.)	60			
Opening /Closing Stroke (Both Sides) (mm)	8	8	12	16
Action	Double Acting			
Effective Gripping Force(N) At 5Bar	External Grip	55	88	140
	Internal Grip	61	97	153
		251	268	

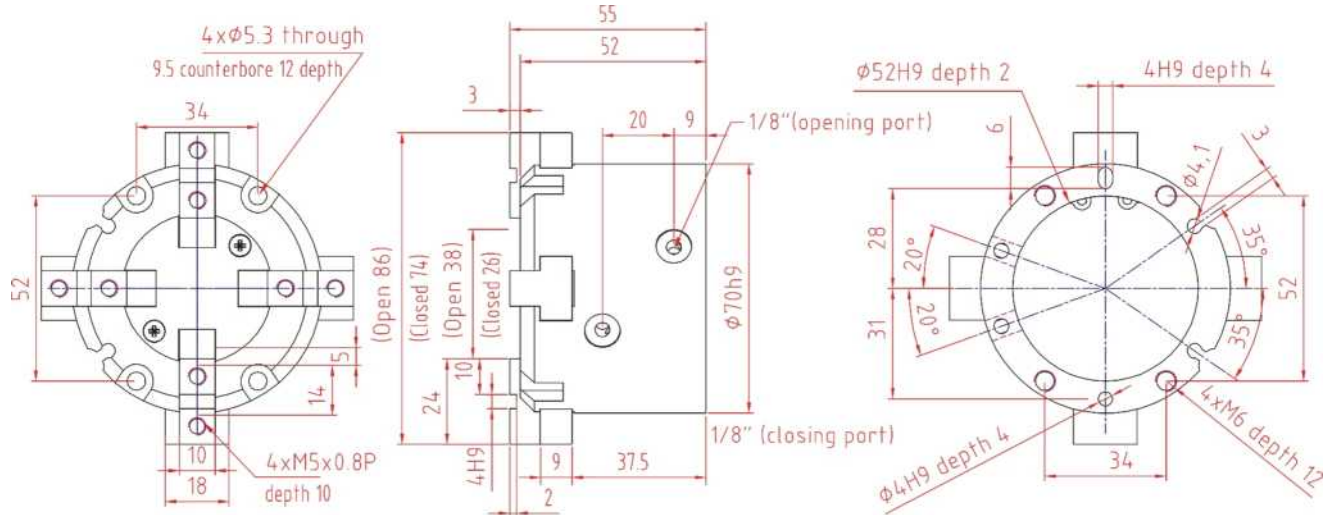
GC324



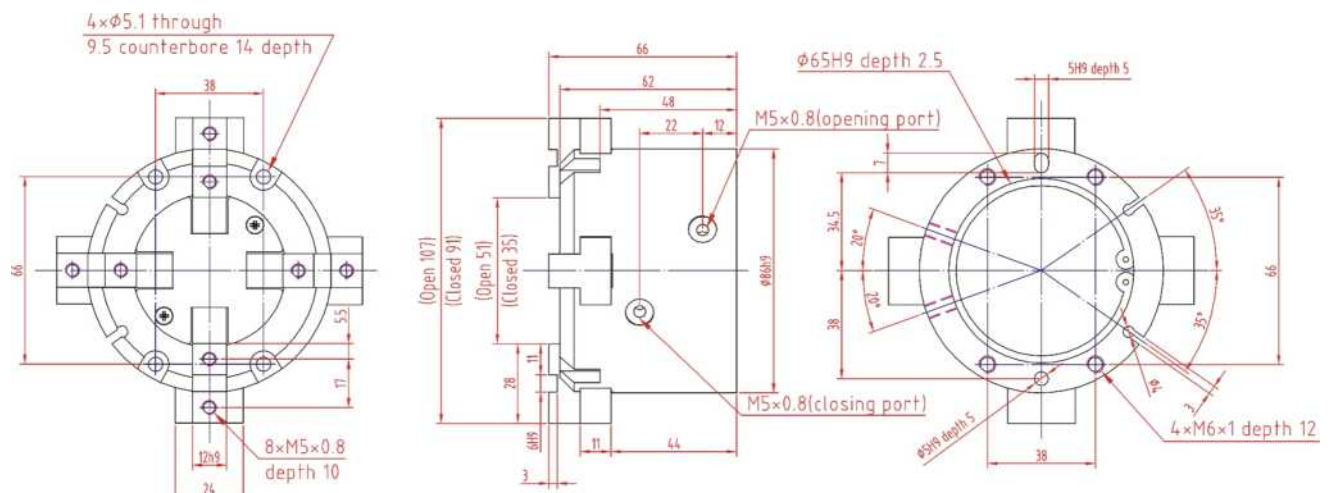
GC404



GC504



GC634



FLOW CONTROL VALVE



SPECIFICATION :

Part no.	VF201	VF202
Medium	Air	
Port Size	1/8" PT,NPT,G	1/4" PT,NPT,G
Operating Pressure Range	0~15Bar (0~218psi)	
Proof Pressure	290PSI / 20Bar / 2Mpa	
Ambient Temp	-20~80°C	
Flow(L/min) @5bar (72psi)	650	
Number of Needle Rotations	14	

FEATURES :

1. High flow (650L@5bar) with light weight (64g)
2. The inlet and outlet holes are on the same axis
3. Completely airtight when fasten the screw
4. Easily install in any equipment
5. Precise adjustment screw with 0.5mm thread pitch

Application:

Mounting position in any airflow equipment