



3 Way Pneumatic Actuated Brass Ball Valve

- L or T port flow path
- Namur interface
- Compact and lightweight
- Cost effective
- Single and double acting

Description

A Compact and lightweight combination of pneumatic actuator and 3 way brass reduced bore ball valve. The valve is nickel plated with PTFE seats, hard chrome plated ball and screwed BSP parallel female. The valve and pneumatic actuator fit directly onto each other so no mounting kit is required, thus making the package more compact and cost effective. A Namur interface allows easy fitting of both solenoid and position switch box.



Description

A brass 3-way reduced bore ball valve, screwed BSP with either L or T port flow path. Suitable for pressures up to PN 40 (see chart) and temperatures of 100° C. The valve is supplied with a double acting (air to open and air to close) pneumatic actuator, alternatively a spring close/open fail safe pneumatic actuator. Both actuators have been sized on 5.5 bar pilot pressure.



Beschreibung

Ein Messing 3-Wege- Kugelhahn mit reduziertem Durchgang , geschraubt BSP mit entweder L oder T-Anschluss Strömungspfad . Geeignet für Drücke bis PN 40 (siehe Grafik) und Temperaturen von 100° C. Das Ventil ist mit einem doppelt wirkenden geliefert (Luft öffnet und Luft und zum Schließen) Pneumatiktrieb , wahlweise eine Feder Schließen / Öffnen fail safe pneumatischen Antrieb . Beide Antriebe sind auf 5,5 bar Steuerdruck bemessen worden .



Descripción

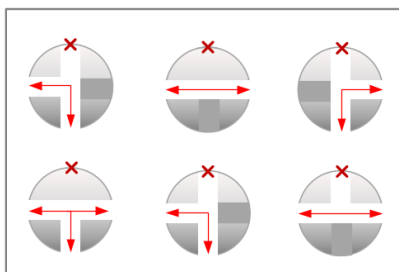
A 3 vías válvula de bola de paso reducido latón, rosca BSP con L o vía de flujo de la conexión T . Adecuado para presiones hasta PN 40 (ver gráfico) y temperaturas de 100° C. La válvula se suministra con un doble efecto (aire para abrir y aire para cerrar) actuador neumático , alternativamente, un resorte de cierre / apertura falle actuador neumático seguro. Ambos actuadores se han dimensionado en la presión de mando 5,5 bar.



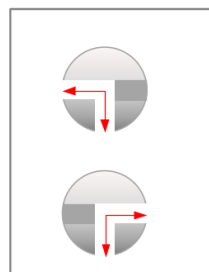
Description

Un laiton vanne 3 voies passage réduit de balle , vissé BSP avec L ou chemin d'écoulement de l'orifice T . Convient pour des pressions allant jusqu'à PN 40 (voir graphique) et des températures de 100 ° C. La vanne est livrée avec un double effet (air pour ouvrir et de l'air pour fermer) actionneur pneumatique , en variante, un proche de printemps / open sûr actionneur pneumatique sécuritaire . Les deux actionneurs ont été dimensionnés sur la pression pilote de 5,5 bar.

T PORT

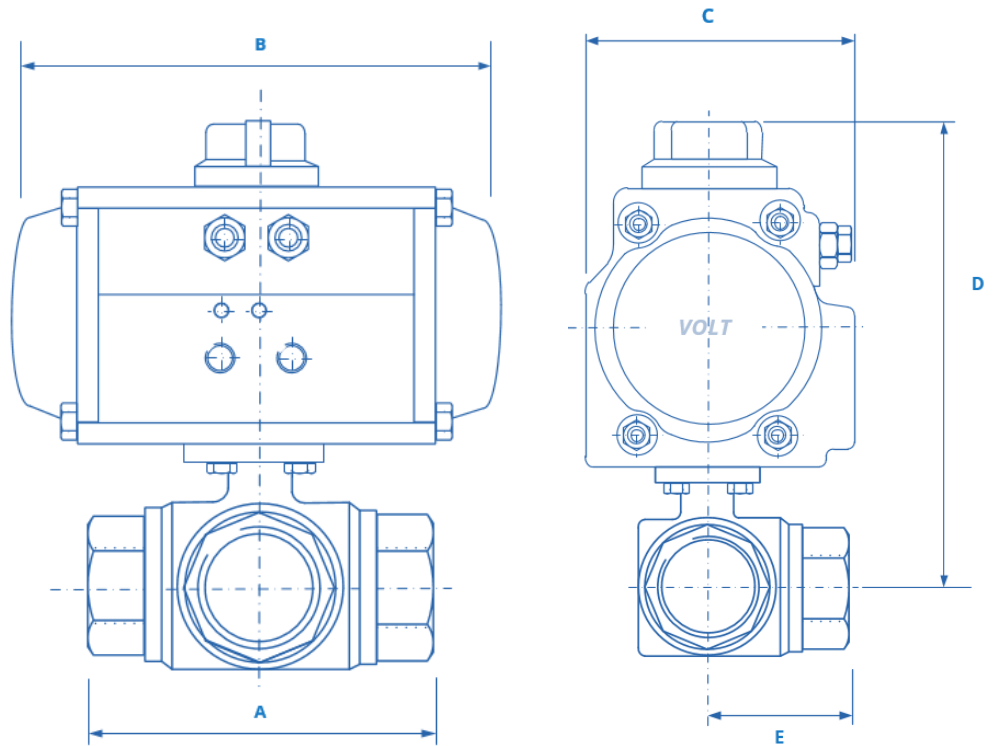


L PORT



FLOW PATHS

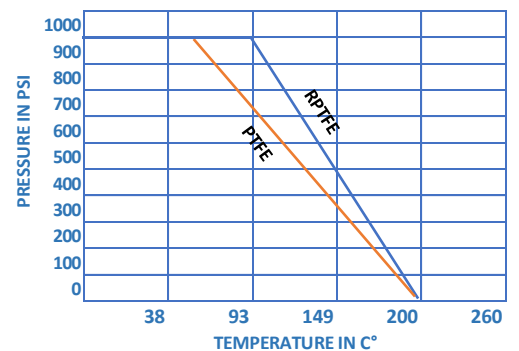
- L or T port flow path
- Namur interface
- Compact and lightweight
- Cost effective
- Single and double acting
- Reduced Bore



Dimensions

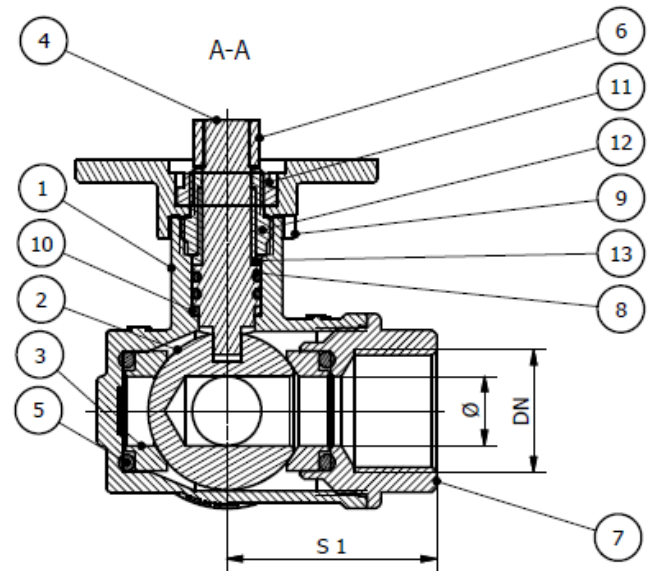
Valve	Spring Return	A	B	C	D	E
1/4"	HP50S	65	144	72	124	33
3/8"	HP50S	65	144	72	124	33
1/2"	HP50S	78	144	72	124	39
3/4"	HP63S	87	163	85	150	44
1"	HP63S	105	163	85	155	53
1 1/4"	HP63S	118	163	85	160	59
1 1/2"	HP66S	134	202	85	178	72
2"	HP75S	161	210	96	205	81

PRESSURE V TEMPERATURE CHART



Dimensions

Valve	Double Acting	A	B	C	D	E
1/4"	HPD50	65	144	72	124	33
3/8"	HPD50	65	144	72	124	33
1/2"	HPD50	78	144	72	127	39
3/4"	HPD50	87	144	72	136	44
1"	HPD50	105	144	72	141	53
1 1/4"	HPD50	118	144	72	146	59
1 1/2"	HPD50	134	202	85	178	72
2"	HPD66	161	202	85	188	81



Material List

Body	EN12420-CW617N-Nickled
Ball	EN12420-CW617N-Chromium Plated
Seat	PTFE F391
Pushrod	EN12164-CW614N
O-Ring	NBR
Square	EN12164-CW614N
Sleeve	EN12420-CW617N-Nickled
O-Ring	NBR
Motor Plate Disc	EN12420-CW617N-Nickled
Anti-Scuff Ring	PTFE F391
nut	EN12164-CW614N
Nut	EN12164-CW614N
Anti-Scuff Ring	PTFE F391

Standard Valve Specification

Body Ends	:	Brass Nickel Plated
Seat	:	PTFE
Stem seal	:	RPTFE
Pressure Rating	:	PN40 (see Graph)
Ends	:	Screwed BSP
Temperature	:	100°C

Pressure / Temperature Ratings

Max Pressure	40 Bar
Temperature	-10°C to 100°C