

# ***Ball Valves and Sliding Sleeve Valves***



# Ball valves and Sliding sleeve valves

## Ball valves

- 3 distinct series
- Vented and non vented
- Bubble tight shut-off
- Positive 90 ° movement
- Wide variety of fluids

## Sliding sleeve valves

- Linear sleeve operated 3/2 valve
- Simple airline isolation
- Compact
- Minimum space for valve operation



## Operating information

### Ball valves

	3/2 Standard	2/2 Light	2/2 Heavy Duty
Pressure	Vacuum to 40 bar	Vacuum to 11,7 bar	Vacuum to 40 bar
Temperature	-20 °C to +100 °C		
Fluids	Air only	Air, oil, gases	Air, oil, gases

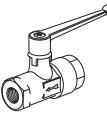
### Sliding sleeve valves

Working pressure	Max 40 bar
Working temperature	-20 °C to +100 °C


### Ball Valves

Fluids in circulation	Temperature		Fluids in circulation	Temperature	
	Min °C	Max°C		Min°C	Max°C
Compressed air	-20	+100	Natural gas	-20	+40
Methylated spirits	-20	+40	Glycerine	-20	+40
Diluted anti-freeze	-20	+90	Glycol	-20	+40
Butane	-20	+60	Cutting oils	-20	+100
Carbonate of soda		+40	Oils and greases	-20	+90
Carbonated water		+40	Hydraulic oils	-20	+90
Sea water		+90	Saponified liquids		+30
Distilled water		+90	Fuel oil	-20	+40
Water+carb gas		+40	Methane	-20	+60
Tap water		+90	Paraffin		+60
Petroleum	-20	+40	Propane	-20	+60
CO <sup>2</sup>	-20	+60	Stearine		+60
Town gas	-20	+40			


## 3/2 Standard series Ball valves

Symbol	Ø Flow passage mm	Ø Exhaust passage mm	Port size	Order code
	10	1,5	G1/8	<b>706</b>
	13	2	G1/4	<b>707</b>
	13	2	G3/8	<b>708</b>
	16	2	G1/2	<b>709</b>
	18	2,5	G3/4	<b>710</b>
	19	3	G1	<b>711</b>

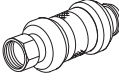
## 2/2 Light series Ball valves

Symbol	Ø Flow passage mm	Port size	Order code
	4	G1/4	<b>700</b>
	7	G3/8	<b>701</b>
	10	G1/2	<b>702</b>
	13	G3/4	<b>703</b>

## 2/2 Heavy duty series Ball valves

Symbol	Ø Flow passage mm	Port size	Order code
	32	G1 <sup>1</sup> / <sub>2</sub>	<b>704</b>
	40	G2	<b>705</b>

## Sliding sleeve valve

Symbol	Connection	Order code
	G1/8	<b>9721900560</b>
	G1/4	<b>9721900561</b>
	G3/8	<b>9721900562</b>
	G1/2	<b>9721900563</b>