

For directional, pressure, flow-control and check valves

Cartridge Valves

Market

Applications are demanding:

- Higher system pressures and flow rates
- Lower power losses
- More favorable cost/performance ratios

Our solution: The Bucher Hydraulics cartridge valve program

Cartridge valves

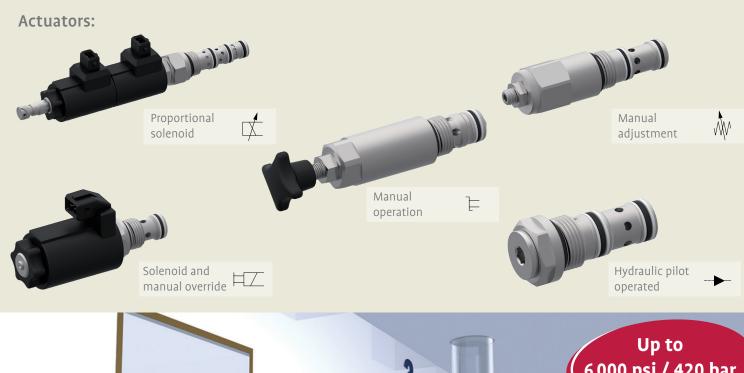
Our cartridge valve line covers a large area of valve functions and cavities for both ANSI (SAE) and DIN (EN) standards.

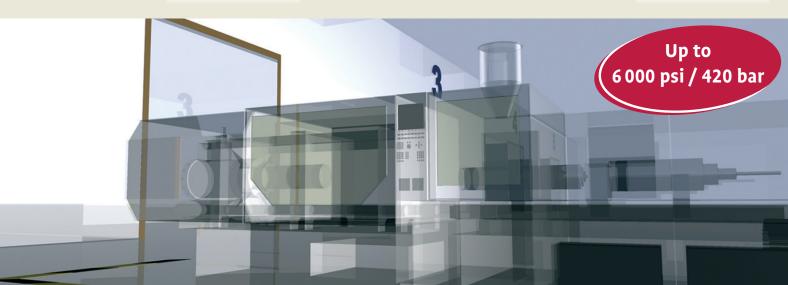
The high level of functional reliability and the great stability of our components are used in different applications:

- Mobile hydraulics with vast experience in construction, agricultural and municipal machinery
- Industrial hydraulics with its stringent safety requirements
- Equipment for wind power generation

Your benefits

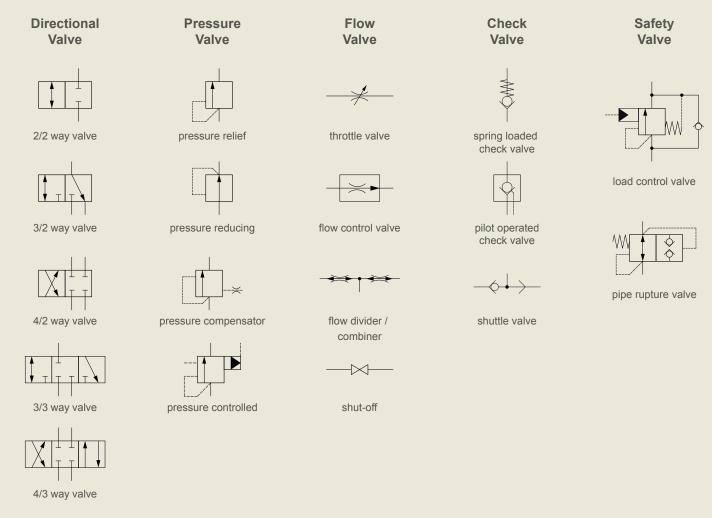
- Maximum flow rate and pressure, low pressure loss
- Save space and weight with compact design
- Long life at maximum performance levels
- High functional stability throughout the entire pressure and flow rate range
- Flexibility, availability and good cost/ performance ratio
- Safety: All valves are tested before leaving the factory







Functions



Sizes

Nominal flow	< 2.5 gpm < 10 l/min	< 5 gpm < 20 l/min	< 11 gpm < 40 l/min	< 19 gpm < 70 l/min	< 37 gpm < 140 l/min	< 50 gpm < 190 l/min	< 90 gpm < 350 l/min
		I					
							SAE
Size SAE	AN 04	AN 08		AN 10	AN 12	AN 16	-
Thread SAE	⁷ /16" - 20 UNF	³/4" - 16 UNF		⁷ /8" - 14 UNF	1 ¹ / ₁₆ " - 12 UN	1 ⁵ / ₁₆ " - 12 UN	-
							ISO
Size ISO	NG 14	NG 5	NG 6	NG 10		NG 16	
Thread ISO	M20 x 1.5	M20x1.5	M20 x 1.5	M24 x 1.5		M42 x 2	