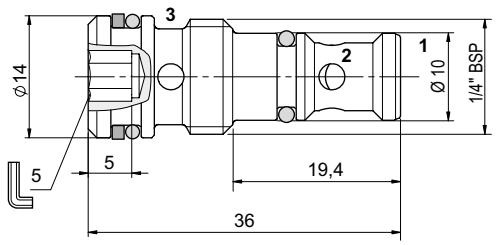
SHUTTLE VALVES



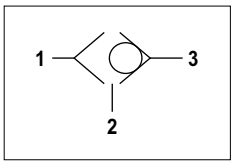
00012019	Spare seals kit

The shuttle type cartridge valves allow taking of the highest pressure signal to the external port via displacement of ball in tempered and ground steel. There are usually employed to signal the actuator load to a load sensing pump pressure compensator. External steel body protected on surface by zinc plating.

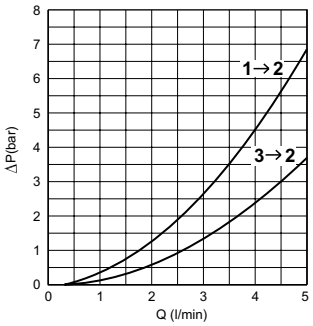
HYDRAULIC FEATURES

Max. working pressure	350 bar
Max. Flow	5 l/min
Max. Leakage (0 ÷ 5 drops/min)	0 ÷ 0.25 cm^3/min
Hydraulic fluid	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm^2/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamin. level class with filter	ISO 4406:1999 - class 19/17/14
Weight	0.023 kg
Tightening torque	18 ÷ 20 Nm
Cavity (1/4 BSP)	CA012001 (See section 17)

HYDRAULIC SYMBOL



PRESSURE DROPS



Fluid used: mineral based oil with viscosity 46 mm^2/s at 40°C.

ORDERING CODE

SH	03	**	2

- Series: **CRI** = Shuttle valve
- Size: **03** = 1/4 BSP
- Variants: **00** = No variants; **V1** = Viton
- **2** = Serial No.