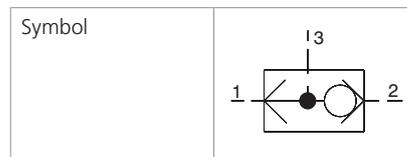


**Technical Features**

- › Rapid response to changes in load direction
- › Hardened precision parts
- › Sharp-edged steel seats for dirt-tolerant performance
- › Leak-free closing, suitable for durable fast-cycling
- › Compact design for a restricted installation space
- › In the standard version, the valve is zinc-coated for 520 h protection acc. to ISO 9227

**Functional Description**

A shuttle valve in the form of a screw-in cartridge. This valve prioritizes the respective higher pressure signal from either port 1 or 2. Tightness between ports 1 and 3 is ensured by a sharp-edge steel valve seat.



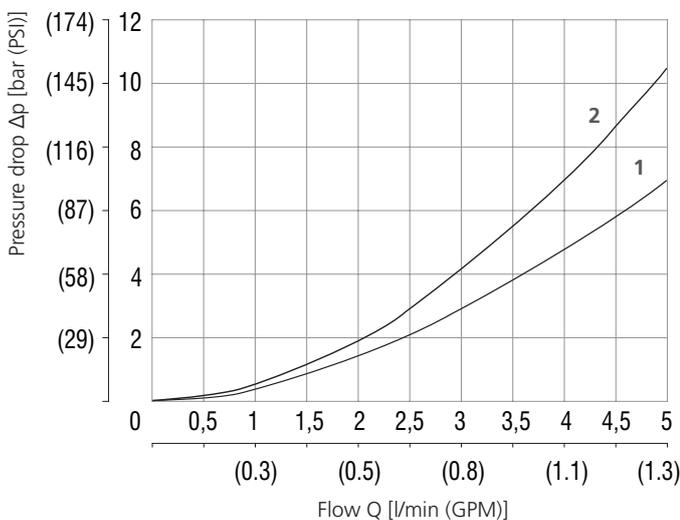
**Technical Data**

Valve size / Cartridge cavity		7/16-20 UNF-2A / N3 (C-4-3)
Max. flow	l/min (GPM)	5 (1.32)
Max. operating pressure	bar (PSI)	210 (3050)
Fluid temperature range (NBR)	°C (°F)	-30 ... +100 (-22 ... +212)
Weight	kg (lbs)	0.019 (0.042)

	Datasheet	Type
General information	GI_0060	Products and operating conditions
Cavity details / Form tools	SMT_0019	SMT-N3*
Spare parts	SP_8010	

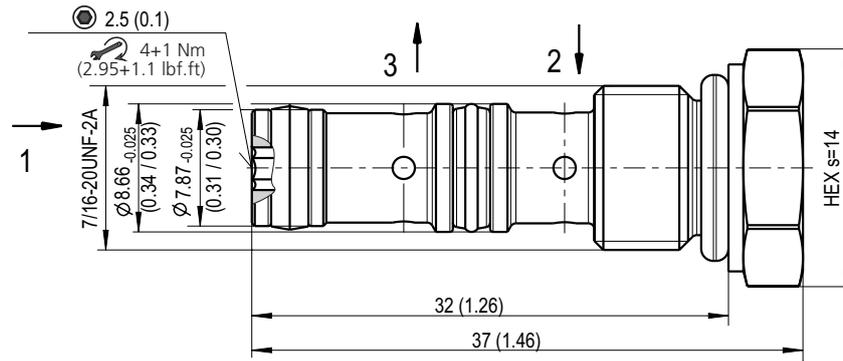
**Characteristics** measured at  $v = 32 \text{ mm}^2/\text{s}$  (156 SUS)

**Pressure drops  $\Delta p$ -Q**

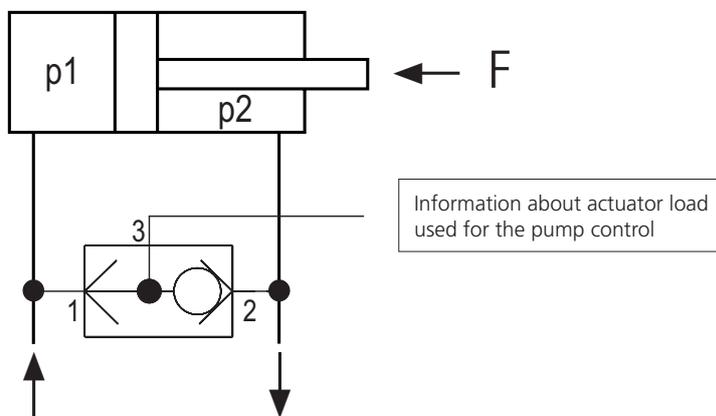


	Flow direction
1	1 → 3
2	2 → 3

Dimensions in millimeters (in)



Example of using a load shuttle valve for load sensing regulation



Ordering Code

