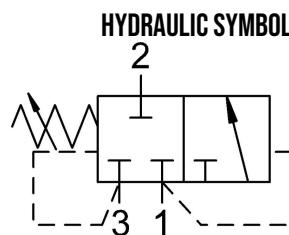


## SQC0.S08 VALVE SERIES

Hybrid SAE Cartridge - 250 bar

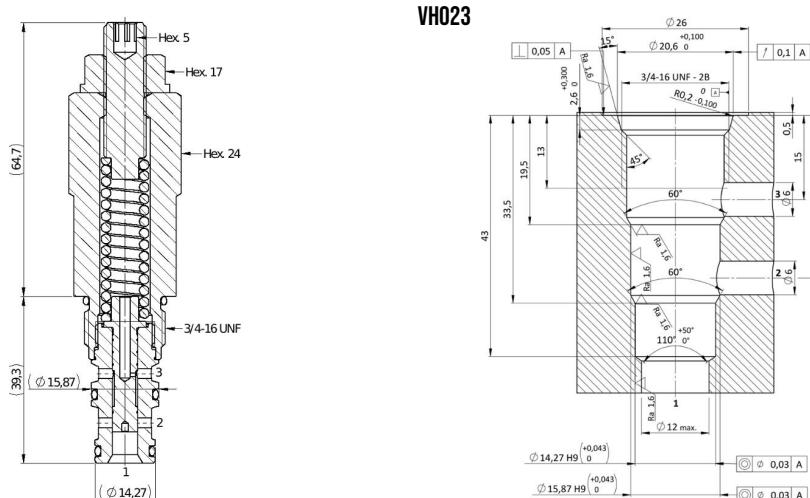
Direct acting with internal Pilot and Vent



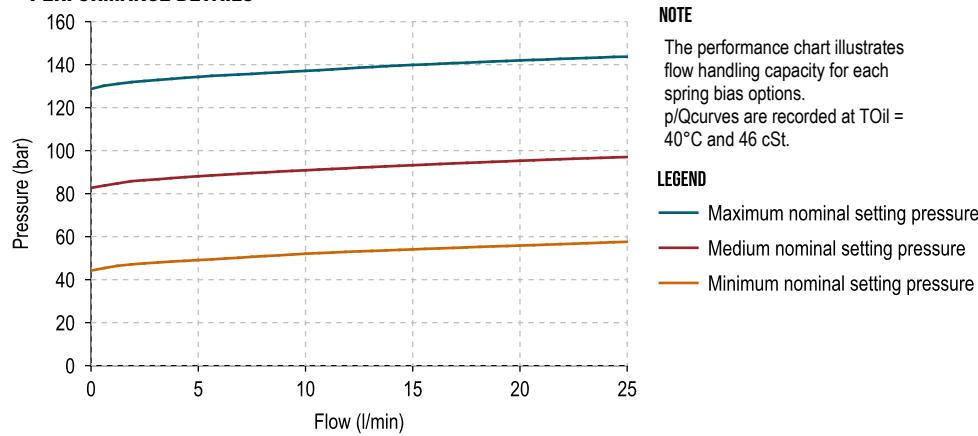
### DESCRIPTION

The SQC0.S08 is a screw in, cartridge style, direct acting, spool type hydraulic sequence valve with internal pilot. This valve has a spring chamber drain and is designed to direct oil to a secondary circuit once a predetermined pressure level is reached in the primary circuit. In the idle condition, the SQC0.S08 blocks flow at 1, and also allows no connection between 2 and 3. Once pressure setting is reached, the spool shifts and puts in connection ports 1 and 2, while blocking flow at 3. Note that the back pressure at port 3 is directly additive to the spring setting value.

### CROSS SECTION



### PERFORMANCE DETAILS



### TECHNICAL DATA

MAXIMUM OPERATING PRESSURE	250 bar
MAXIMUM FLOW	25 l/min
MAXIMUM INTERNAL LEAKAGE	50 cm <sup>3</sup> / min @ 300 bar - when pilot in port 1 is activated
EXTERNAL COMPONENT TREATMENT	Zn/Fe - standard (96h) Zn/Ni (720h) (Upon customer request)
O-RING TEMPERATURE RANGE	-30° C to 110° C (standard sealing NBR - BUNA - N) -35° C to 140° C (HNBR - Upon customer request) -23° C to 225° C (FKM - Upon customer request)
OIL TEMPERATURE RANGE	-30° C to 110° C
FLUIDS	Mineral - based or synthetics with lubricating properties
VISCOSITIES	7,4 to 420 cSt
FILTRATION	20/18/15 ISO 4406 (maximum filtration admitted)
ORIENTATION	No restrictions
INSTALLATION TORQUE	45-50 Nm
TIGHTENING TORQUE NUT	13-17 Nm
TECH. SPEC. FOR CHARACTERIZATION	see page 811
OIL TESTING CONDITIONS	ISO VG 46 cSt
SEAL KIT CODE	SK.069 (standard sealing NBR-BUNA-N)
WEIGHT	0,184 kg

### ORDERING CODE

S Q C 0

VALVE BASIC CODE

S 0 8

MARKING

0 \*

0

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PRESSURE SETTING IN [BAR]

Standard setting are multiple of 5 bars.

### SPRING RANGE

Spring model code	Setting pressure range (bar)
N	50-135