

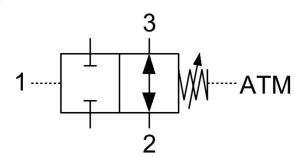
# SQC0.M22 VALVE SERIES

METRIC Cartridge - 300 bar

Direct acting with external Pilot and Vent



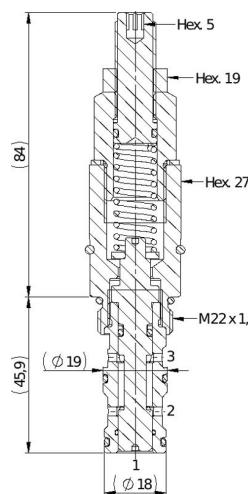
## HYDRAULIC SYMBOL



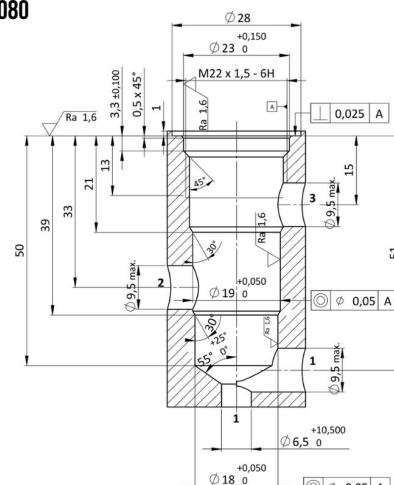
## DESCRIPTION

The SQC0.M22 is a screw in, cartridge style, direct acting, spool type hydraulic sequence valve with external pilot. Spring chamber is constantly air vented. The valve is designed to close flow connection between two ports that were previously connected. In the idle condition, the SCQ0.M22 allows flow to pass from 2 to 3. Once pilot pressure at 1 attains the spring setting the spool shifts and blocks flow between ports 2 and 3.

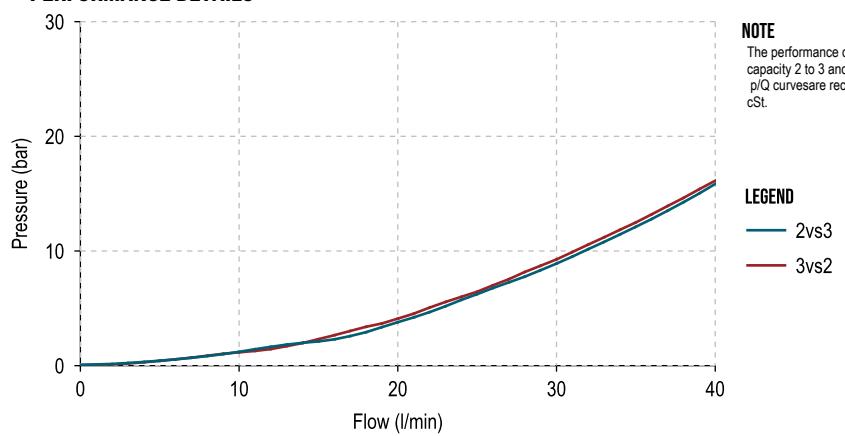
## CROSS SECTION



## CAVITY VH080



## PERFORMANCE DETAILS



## TECHNICAL DATA

|                                  |   |
|----------------------------------|---|
| MAXIMUM OPERATING PRESSURE       | 300 bar   |
| MAXIMUM FLOW                     | 40 l/min  |
| MAXIMUM INTERNAL LEAKAGE         | 50 $cm^3$ / min @ 300 bar - when pilot in port 1 is activated   |
| EXTERNAL COMPONENT TREATMENT     | Zn/Fe - standard (96h)<br>Zn/Ni (720h) (Upon customer request)  |
| O-RING TEMPERATURE RANGE         | -30° C to 110° C (standard sealing NBR - BUNA - N)<br>-35° C to 140° C (HNBR - Upon customer request)<br>-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  Hex.27  |
| TIGHTENING TORQUE NUT            | 13-17 Nm  Hex.19  |
| TECH. SPEC. FOR CHARACTERIZATION | see page 811  |
| OIL TESTING CONDITIONS           | ISO VG 46 cSt   |
| SEAL KIT CODE                    | SK.068 (standard sealing NBR-BUNA-N)  |
| WEIGHT                           | 0,327 kg  |

## ORDERING CODE

S Q C O

M 2 2

0 \*

\* \* \*

## VALVE BASIC CODE

### SIZE

METRIC M22x1,5 with Ø19 and Ø18 nose sizes

### MARKING

0 = Standard factory marking.  
Customized marking can be done upon request.

## PRESSURE SETTING IN [BAR]

Standard setting are multiple of 5 bars.

## SPRING RANGE

| Spring model code | Setting pressure range (bar) |
|-------------------|------------------------------|
| Y                 | 15-60                        |