

Part number:



# CHM5

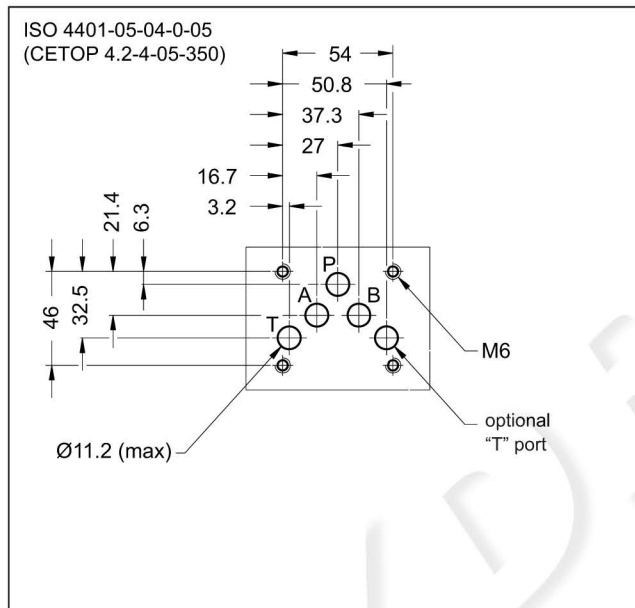
## PILOT OPERATED CHECK VALVE

### SERIES 11

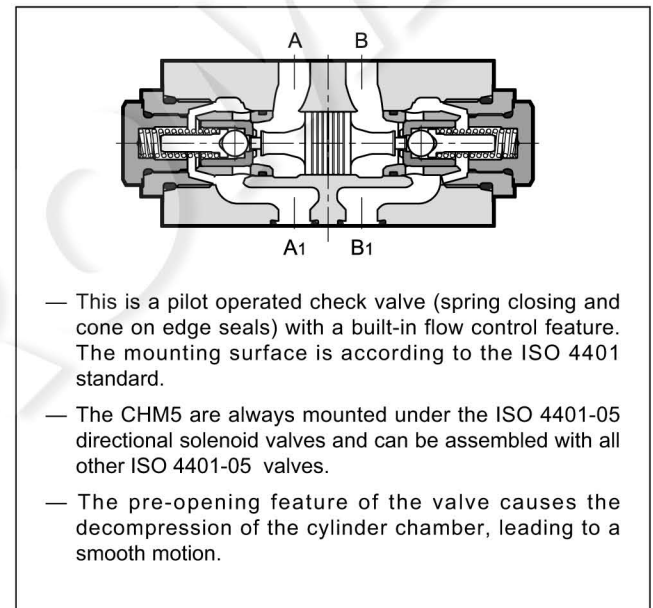
#### MODULAR VERSION ISO 4401-05

**p** max 350 bar  
**Q** max 120 l/min

#### MOUNTING INTERFACE



#### OPERATING PRINCIPLE

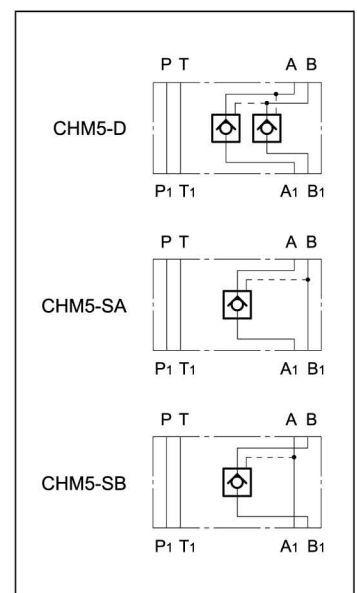


#### PERFORMANCES

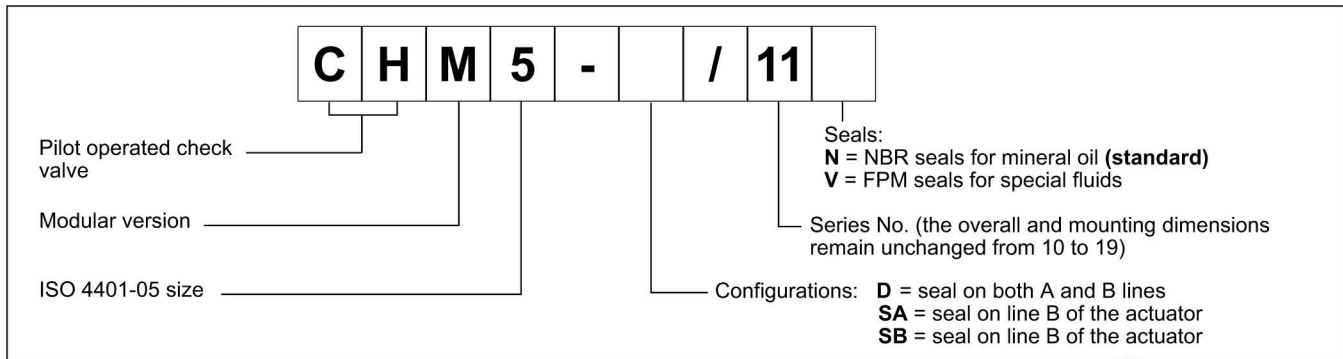
(measured with mineral oil of viscosity 36 cSt at 50°C)

|                               |   |           |
|-------------------------------|---|-----------|
| Maximum operating pressure    | bar                                       | 350       |
| Maximum flow rate             | l/min                                     | 120       |
| Decompression ratio           |   | 14,9:1    |
| Piloting ratio                |   | 2,3:1     |
| Check valve cracking pressure | bar                                       | 2         |
| Ambient temperature range     | °C  | -20 / +60 |
| Fluid temperature range       | °C  | -20 / +80 |
| Fluid viscosity range         | cSt                                       | 10 ÷ 400  |
| Recommended viscosity         | cSt                                       | 25        |
| Fluid contamination degree    | According to ISO 4406:1999 class 20/18/15 |           |
| Mass: CHM5-D                  | kg  | 2,2       |
| CHM5-SA and CHM5-SB           |   | 1,9       |

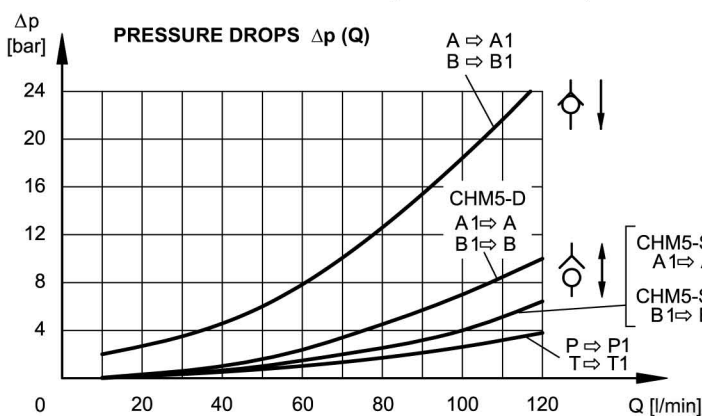
#### HYDRAULIC SYMBOLS



### 1 - IDENTIFICATION CODE



### 2 - CHARACTERISTIC CURVES (obtained with viscosity of 36 cSt at 50°C)



### 3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids HL or HM type, according to ISO 6743-4. For these fluids, use NBR seals (code N). For fluids HFDR type (phosphate esters) use FPM seals (code V).

For the use of other kinds of fluid such as HFA, HFB, HFC, please consult our technical department.

Using fluids at temperatures higher than 80 °C causes a faster degradation of the fluid and of the seals characteristics. The fluid must be preserved in its physical and chemical characteristics.

### 4 - OVERALL AND MOUNTING DIMENSIONS

