

Part number:

**096-10092a**

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

21 100/110 ED



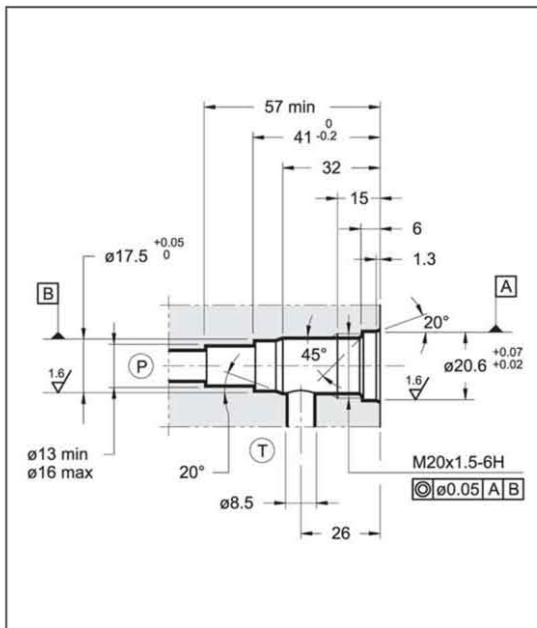
## CR DIRECT OPERATED PRESSURE CONTROL VALVE SERIES 22

### CARTRIDGE TYPE

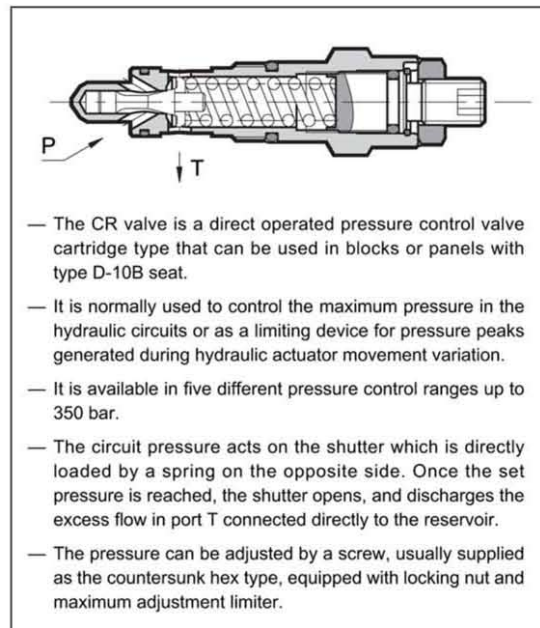
**p** max 350 bar

**Q** max 50 l/min

### SEAT DIMENSIONS: D-10B



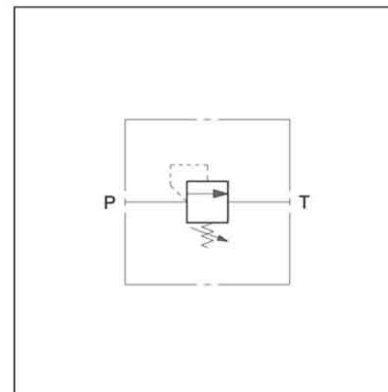
### OPERATING PRINCIPLE



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

|   |   |           |
|---|---|-----------|
| Max working pressure                          | bar                                       | 350       |
| Minimum controlled pressure and pressure drop | see diagram                               |           |
| Maximum flow rate                             | l/min                                     | 50        |
| Ambient temperature range                     | °C  | -20 / +50 |
| Fluid temperature range                       | °C  | -20 / +80 |
| Fluid viscosity range                         | cSt                                       | 10 ÷ 400  |
| Fluid contamination degree                    | According to ISO 4406:1999 class 20/18/15 |           |
| Recommended viscosity                         | cSt                                       | 25        |
| Mass  | kg  | 0,16      |
| Surface treatment: electrolytic zinc covering | Fe // Zn 8 // B<br>EN 12329               |           |

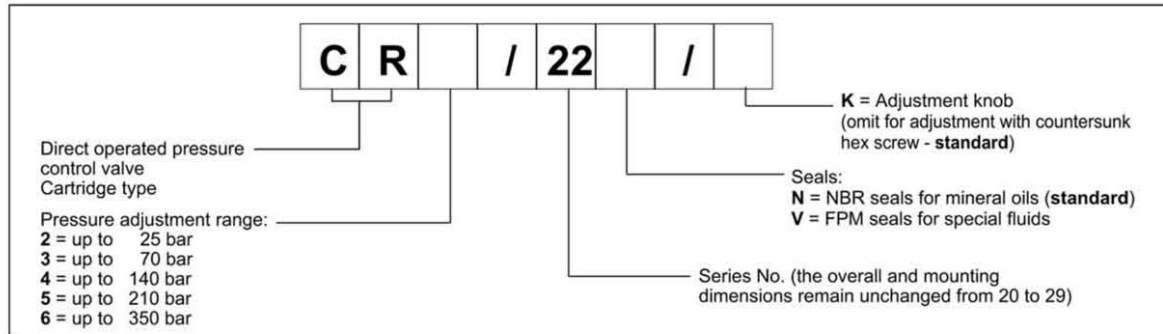
### HYDRAULIC SYMBOL



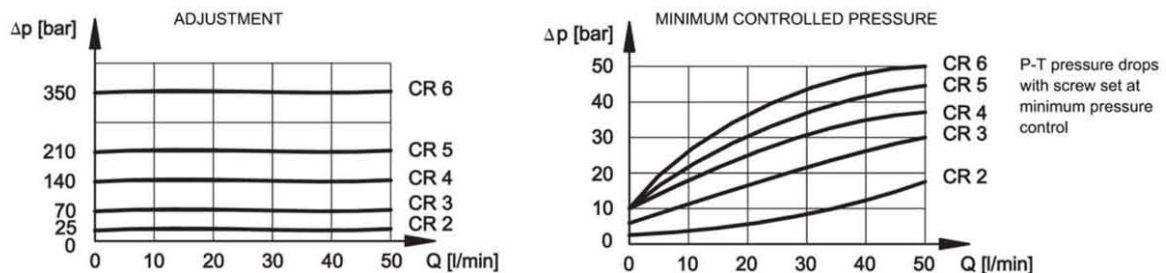
# CR

## SERIES 22

### 1 - IDENTIFICATION CODE



### 2 - CHARACTERISTIC CURVES (values 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

