



DIPLOMATIC  
HYDRAULICS

21 110/103 ED



# CRQ

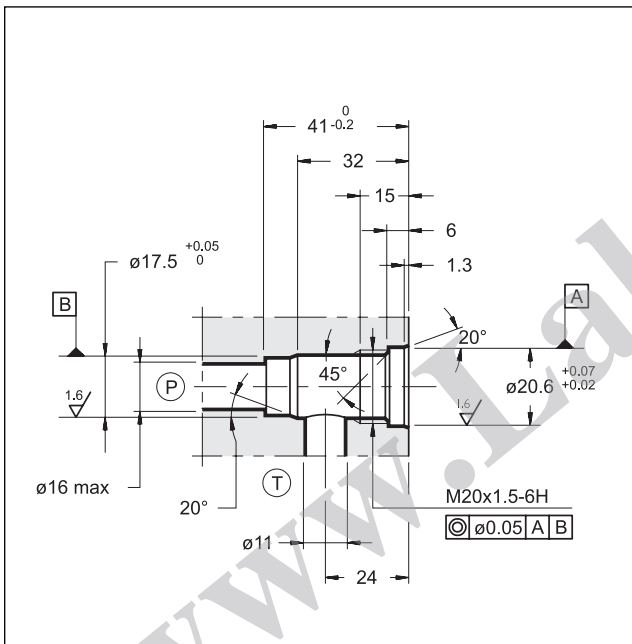
## PILOT OPERATED PRESSURE CONTROL VALVE SERIES 12

### CARTRIDGE TYPE

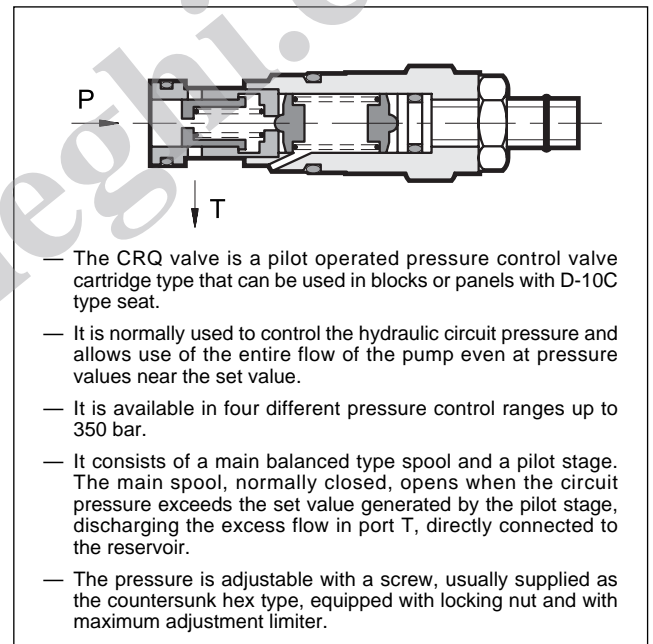
**p** max 350 bar

**Q** max 100 l/min

### SEAT DIMENSIONS: D-10C



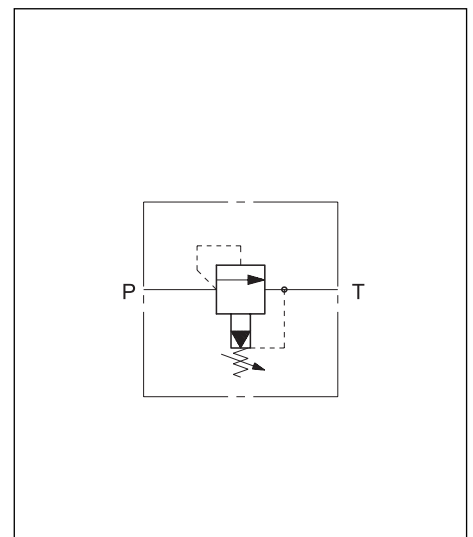
### OPERATING PRINCIPLE



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

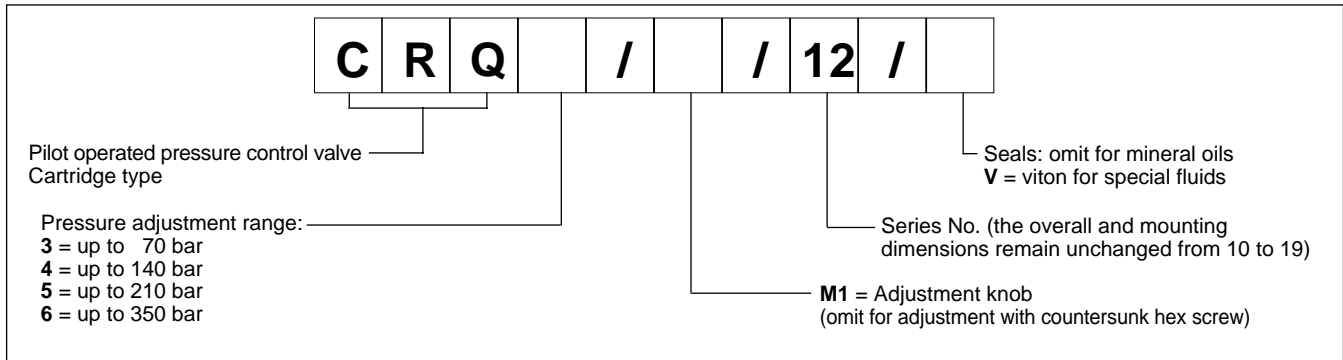
Max working pressure	bar	350
Minimum controlled pressure and pressure drop	see diagram	
Maximum flow rate	l/min	100
Ambient temperature range	°C	-20 ÷ +50
Fluid temperature range	°C	-20 ÷ +80
Fluid viscosity range	cSt	10 ÷ 400
Recommended viscosity	cSt	25
Fluid contamination degree	According to NAS 1638 class 10	
Mass	kg	0.16
Surface treatment with white colour zinc	Fe / Zn 8c 1B UNI ISO 2081/4520	

### HYDRAULIC SYMBOL

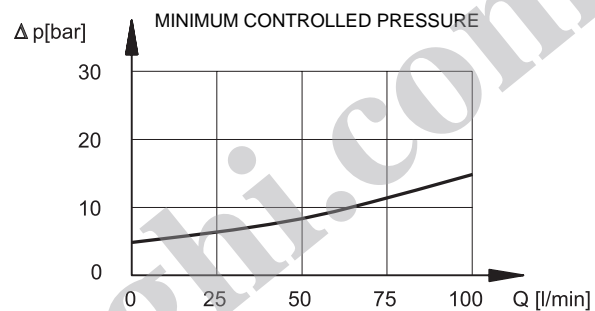
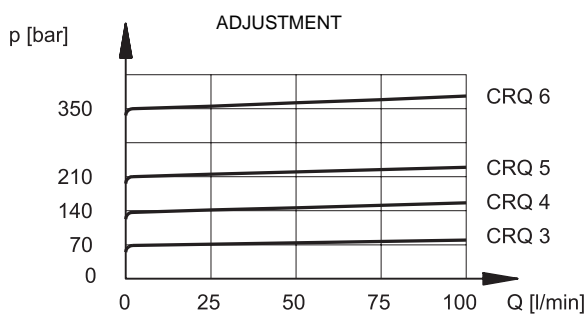




## 1 - IDENTIFICATION CODE



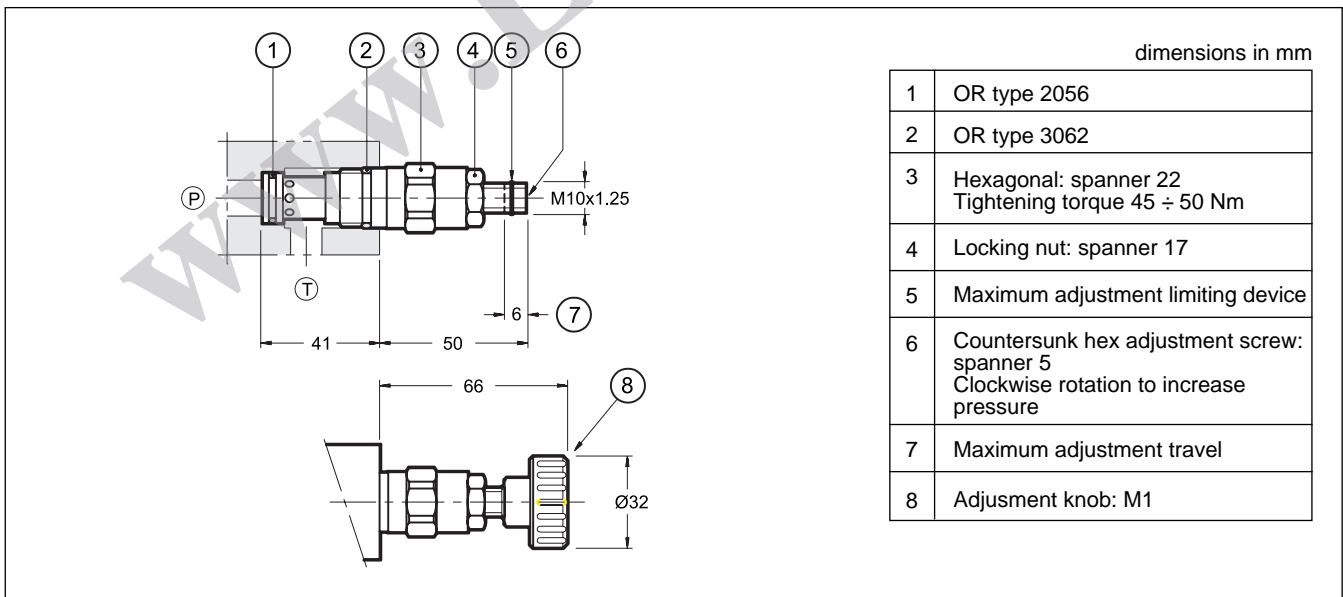
## 2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



## 3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

## 4 - OVERALL AND MOUNTING DIMENSIONS



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