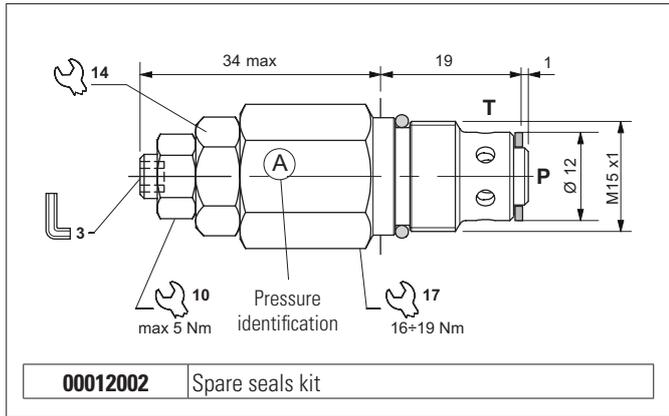


DIRECT ACTING PRESSURE RELIEF VALVES (FOR POWER PACKS SERIES MR/MW)



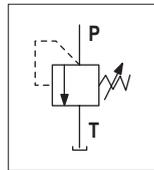
The direct acting relief valve limits the pressure in a hydraulic circuit. It raises the safety level by making it impossible for the plant operators to set a higher pressure rating, than that specified in the catalogue. It has a pack spring with a mechanical stop. It has a galvanised steel body. The guided ball poppet is in tempered and ground steel.

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HYDRAULIC FEATURES

Max. working pressure	220 bar
Setting range:	
Spring A	25 ÷ 80 bar
Spring B	75 ÷ 220 bar
Spring C	5 ÷ 30 bar
Max. Flow	6 l/min
Hydraulic fluid	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm ² /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamin. level class with filter	ISO 4406:1999 - class 19/17/14
Weight	0.05 kg
Tightening torque	see draw
Cavity (M15x1)	CN033001 (See section 17)

HYDRAULIC SYMBOL

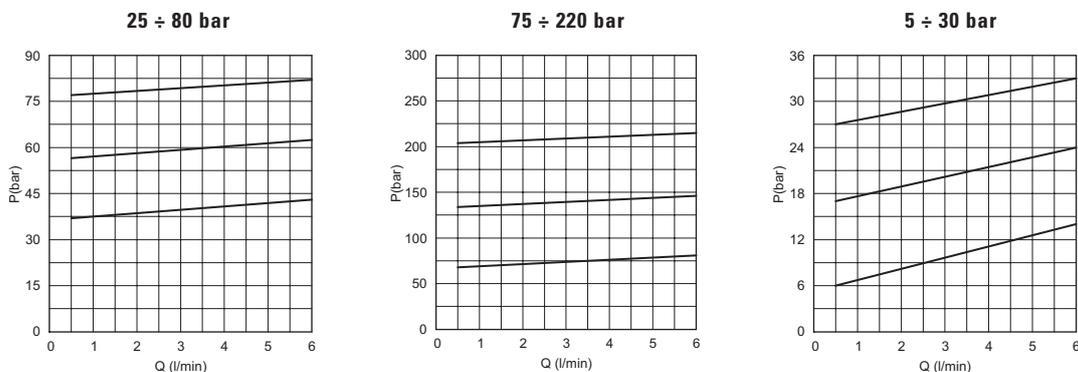


ORDERING CODE

Code	Identification (see draw)	Setting range	Pressure increasing at each turn of screw
21000010.000	A	25 ÷ 80 bar	17 bar ± 10%
21000011.000	B	75 ÷ 220 bar	45 bar ± 10%
21000009.000	C	5 ÷ 30 bar	7 bar ± 10%

The minimum permissible setting pressure depending on the spring: see curves below

PRESSURE-FLOW RATE



Fluid used: mineral based oil with viscosity 32 mm²/s at 50°C.