



RM*-W

PRESSURE CONTROL VALVES

RM2-W SERIES 31

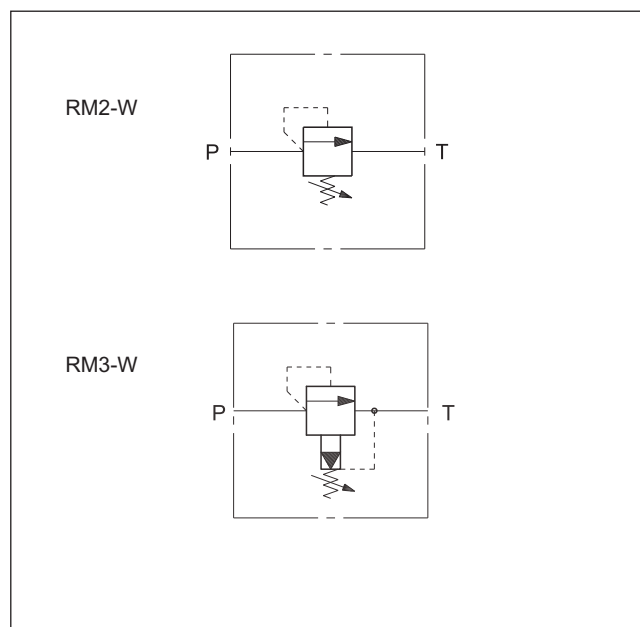
RM3-W SERIES 30

THREADED PORTS

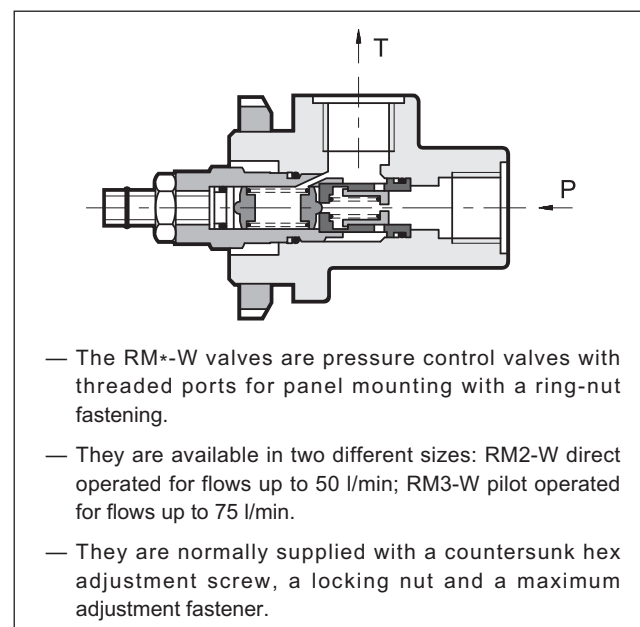
p max **350** bar

Q max (see table of performances)

HYDRAULIC SYMBOLS



OPERATING PRINCIPLE



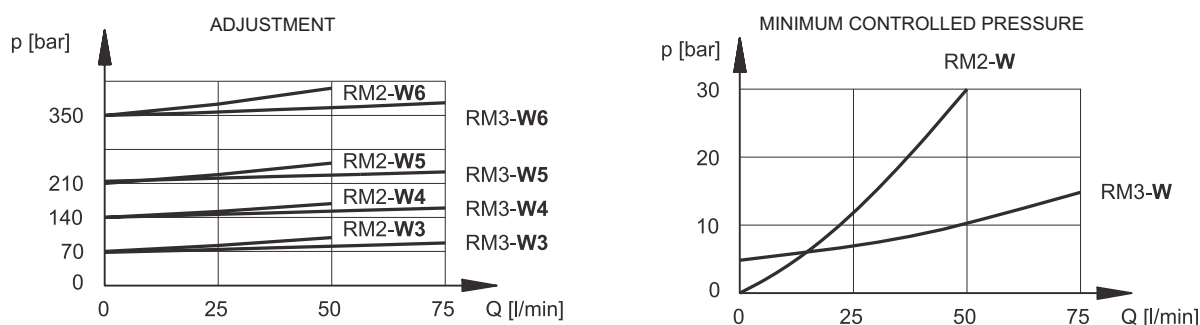
PERFORMANCES (measured with mineral oil of viscosity 36 cSt at 50°C)

		RM2-W	RM3-W
Maximum operating pressure	bar	350	
Minumum controlled pressure		see diagram	
Maximum flow rate	l/min	50	75
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	0,9	

1 - IDENTIFICATION CODE

R	M	-	W	/		/	
Pressure control valve				K = Adjustment knob for RM2-W M1 = Adjustment knob for RM3-W (omit for adjustment with countersunk hex screw)			
Nominal dimension: 2 = 3/8" 3 = 1/2"				Seals: N = NBR seals for mineral oils (standard) V = FPM seals for special fluids			
Threaded ports BSP				Series no.: 31 for RM2-W 30 for RM3-W (the overall and mounting dimensions remain unchanged from 30 to 39)			
Pressure adjustment range: 3 = up to 70 bar 5 = up to 210 bar 4 = up to 140 bar 6 = up to 350 bar							

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

