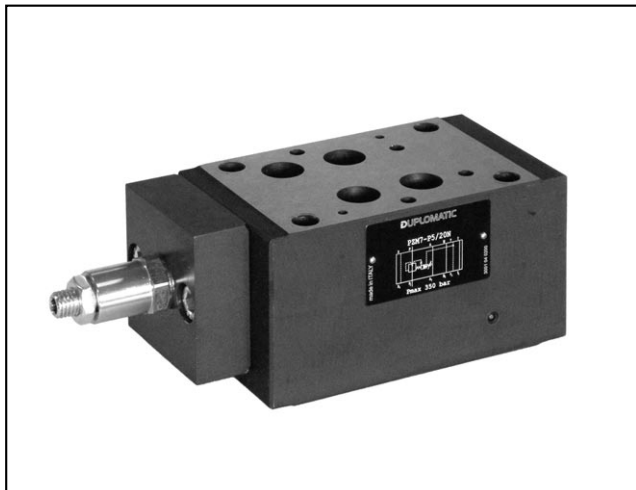


PRM7

PRESSURE RELIEF VALVE, PILOT OPERATED SERIES 20

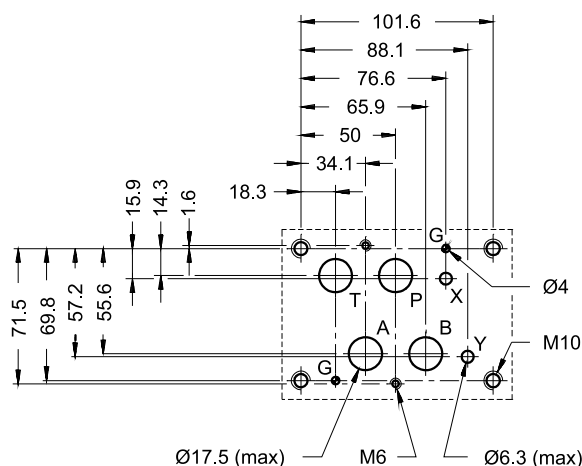


MODULAR VERSION ISO 4401-07

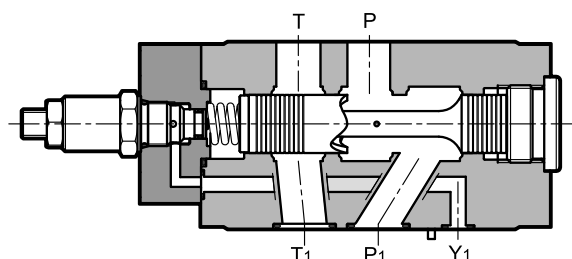
p max 350 bar
Q max 300 l/min

MOUNTING INTERFACE

ISO 4401-07-07-0-05
(CETOP 4.2-4-07)



OPERATING PRINCIPLE



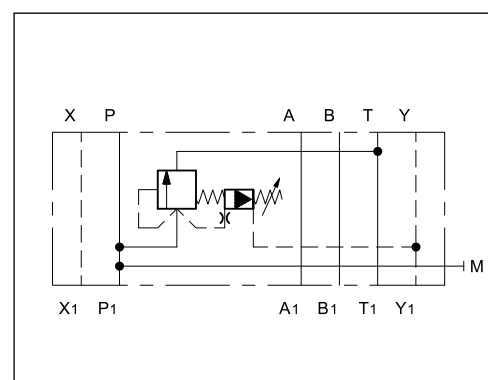
- The PMR7 valve is a pilot operated pressure relief valve made as a modular version with a mounting surface according to ISO 4401-07 standards.
- It can be assembled with all ISO 4401-07 modular valves without the use of pipes, using suitable tie-rods or bolts.
- This valve is used as a hydraulic circuit pressure limiting device.
- It is available with pressure adjustment on port P and relief in T, and five pressure adjustment ranges.
- It is supplied with an adjustment screw. The knob is available as option.

PERFORMANCES

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

Maximum operating pressure	bar	350
Maximum flow rate	l/min	300
Ambient temperature range	°C	-20 / +60
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	7,5

HYDRAULIC SYMBOL



Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Киров (8332)68-02-04
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Красноярск (391)204-63-61
Курск (4712)77-13-04
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Новокузнецк (3843)20-46-81
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Пенза (8412)22-31-16

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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

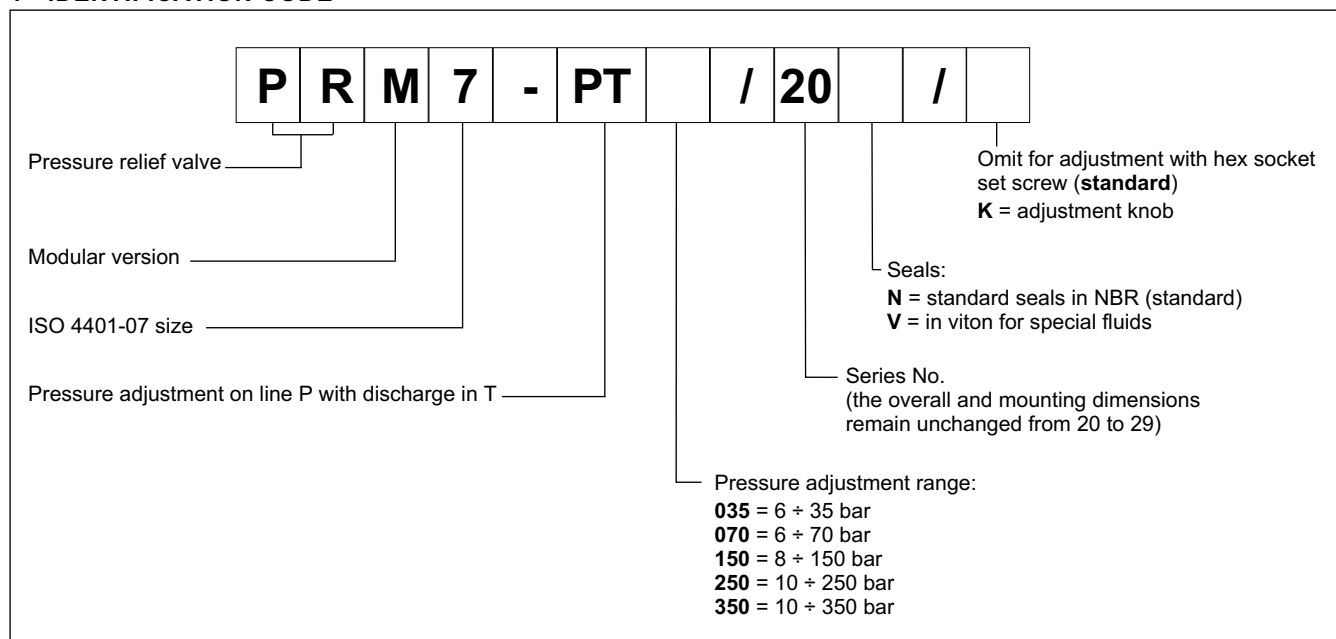
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

1 - IDENTIFICATION CODE



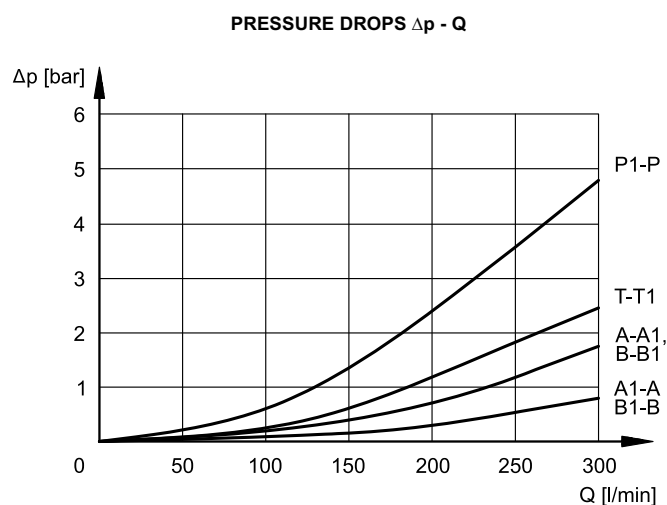
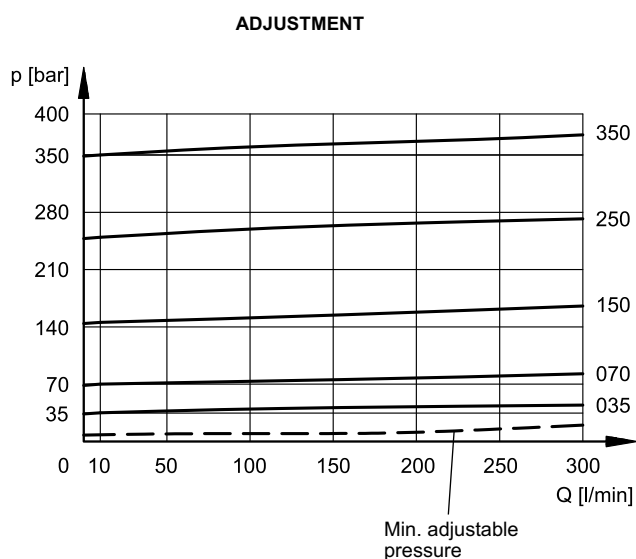
3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids HL or HM type, according to ISO 6743-4. For these fluids, use NBR seals. 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.

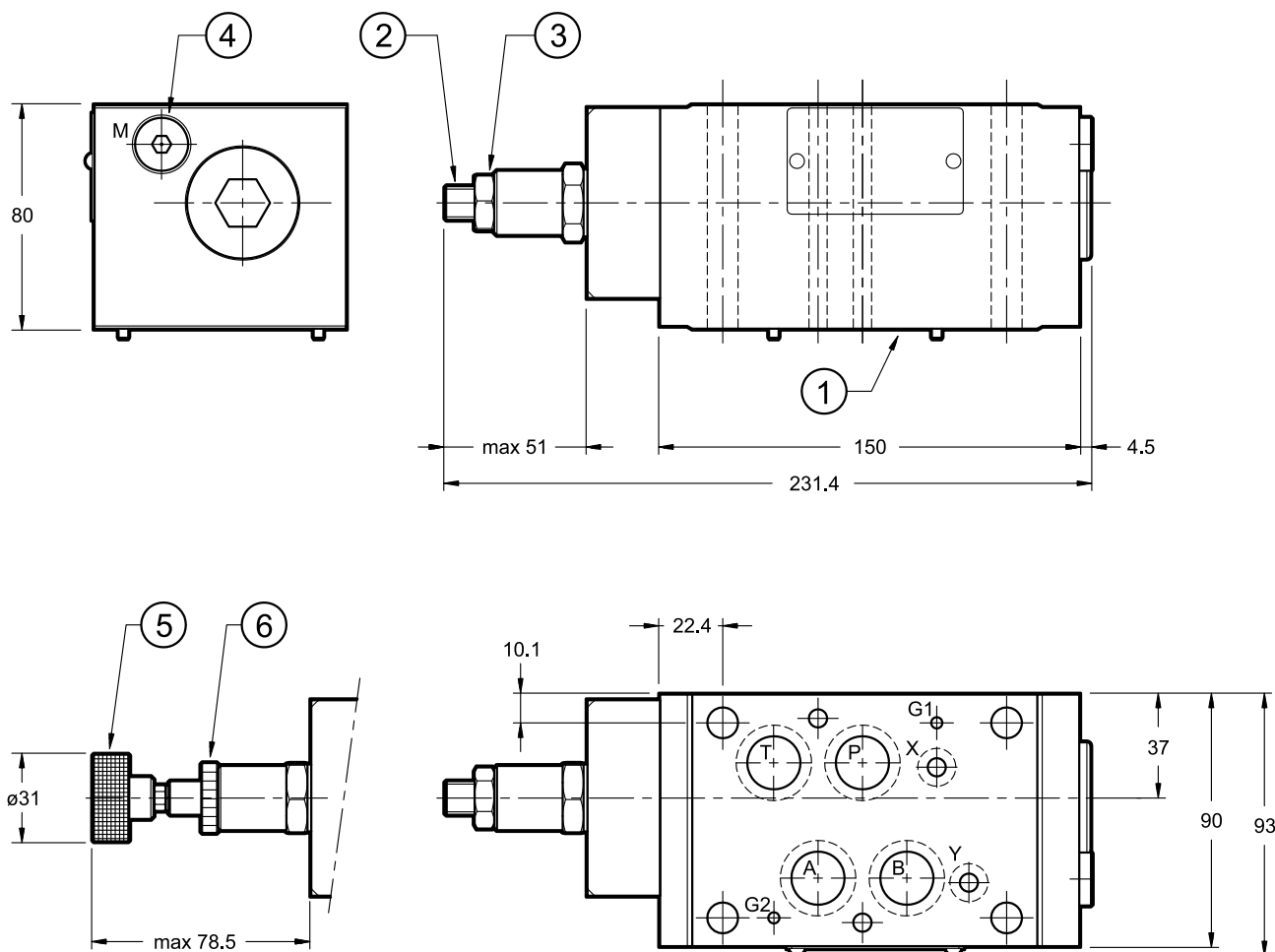
2 - CHARACTERISTIC CURVES

(values obtained with viscosity of 36 cSt at 50°C)



4 - OVERALL AND MOUNTING DIMENSIONS

dimension en mm



1	Mounting surface with sealing rings: N. 4 OR type 130 (40x95x2.62) N. 2 OR type 2043 (10.82x1.78)
2	Standard adjustment screw (standard). Hex key 6 Rotate clockwise to increase pressure
3	Locking nut: spanner 19
4	Pressure gauge port: 1/4" BSP
5	Adjustment knob: K
6	Locking ring

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