

NG 6 hydraulic valves



TIP 4 fastening screws are needed for each directional valve!

Fastening screws for NG 6 valves

DIN 912

Strength class: 12.9

Tightening torque: 8.9 Nm

Determining the screw length: The total screw length is determined by adding the screw length of the directional control valve + clamping length of the distance plates.

Supply volume: 1 pc screw

Screw length of the directional control valve

+

Total clamping length the intermediate plate valves

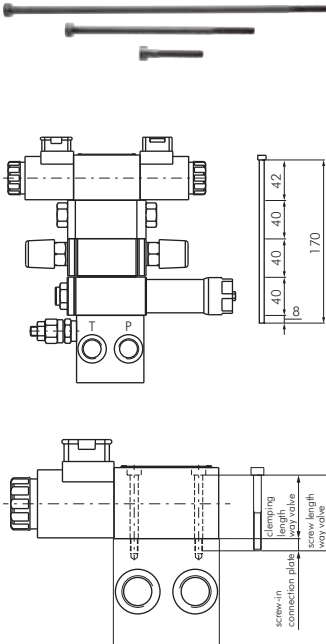
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Total screw length

	Bosch-Rexroth	Alternative
Directional valve screw length	50	45
Clamping length of the intermediate plate valves	40	40*

* pressure regulators "alternative" 45 mm

Type	Screw length
912-M5X30 12.9	30
912-M5X45 12.9	45
912-M5X50 12.9	50
912-M5X70 12.9	70
912-M5X80 12.9	80
912-M5X85 12.9	85
912-M5X90 12.9	90
912-M5X100 12.9	100
912-M5X110 12.9	110
912-M5X120 12.9	120
912-M5X125 12.9	125
912-M5X130 12.9	130
912-M5X140 12.9	140
912-M5X150 12.9	150
912-M5X160 12.9	160
912-M5X170 12.9	170
912-M5X180 12.9	180



Connecting plates with pressure limiting valves for valves with NG 6 wiring diagrams

Materials: Connection plate: Cast iron, pressure limiting valve: Zinc-plated steel, seals: NBR

Pressurising agent temperature: -20°C to max. +80°C

Operating pressure: Max. 315 bar

Settings range for the pressure limiting valve: 100 to 350 bar

Flowrate range: Max. 30 l/min

Description: All connecting plates are equipped with a pressure limiting valve. The connections A + B are positioned lateral to the valve connection surface. The pressure and return flow connections P + T are drilled through and can be used optionally from both sides. The connection boards can optionally be mounted by the M8 female threads on the front, or alongside the existing mounting holes.

Type	Connection site	Total length L	Drilling distance LB
GRPDBV 61	1	120	108
GRPDBV 62	2	170	158
GRPDBV 63	3	220	208
GRPDBV 64	4	270	258
GRPDBV 65	5	320	308
GRPDBV 66	6	370	358
GRPDBV 67	7	420	408
GRPDBV 68	8	470	458



Connecting plates for valves with NG 6 wiring diagrams

Materials: Connection plate: Cast iron

Pressurising agent temperature: -20°C to max. +80°C

Operating pressure: Max. 315 bar

Flowrate range: Max. 30 l/min (GRPS 61: max. 50l/min)

Description: The connections A + B are positioned lateral to the valve connection surface. Pressure and return flow connections P + T are drilled through and can be optionally used by both the sides. The connection plate can be mounted using either the M8-female thread on the front side or the mounting holes* positioned longitudinally.

Type	Connection site	Total length L	Drilling distance LB
GRPS 61	1	80	57
GRPS 62	2	120	108
GRPS 63	3	170	158
GRPS 64	4	220	208
GRPS 65	5	270	258
GRPS 66	6	320	308
GRPS 67	7	370	358
GRPS 68	8	420	408

* not in type GRPS 61

