

Intermediate plate valves NG6

up to 40 l/min*

Rexroth
Bosch Group

Suitable: NG 6 intermediate plate valves are used in combination with NG 6 directional valves. The intermediate plate valves are fitted between the directional valves and the connection plate. Each intermediate plate has a specific function, they control the strength, movement and speed of a hydraulic cylinder or a hydraulic motor.

Materials: Housing: Spheroidal cast iron, internal parts: Steel, seals: NBR

Temperature range: -30°C to max. +80°C

Operating pressure: 0 to 315 bar

Nominal flow: Up to approx. 60 l/min depending on the valve used (request pressure loss curves if required), we recommend usage up to approx. 40 l/min

Media: Hydraulic oils on the basis of mineral oil (viscosity: Bosch Rexroth: 10-500 mm²/s, alternatively: 20-400 mm²/s)



TIP Use the valves up to approx. 40 l/min!

Function	Type Bosch-Rexroth	Pressure level	Type alternative	Pressure level	Symbol
Pressure limiting valves					
P → T	ZDB 6 VP2-4X/100V**	100 bar	LA-ZDB 6 P2/100	100 bar	
P → T	ZDB 6 VP2-4X/315V**	315 bar	LA-ZDB 6 P2/320	320 bar	
A → T	ZDB 6 VA2-4X/100V**	100 bar	LA-ZDB 6 A2/100	100 bar	
A → T	ZDB 6 VA2-4X/315V**	315 bar	LA-ZDB 6 A2/320	320 bar	
B → T	ZDB 6 VB2-4X/100V**	100 bar	LA-ZDB 6 B2/100	100 bar	
B → T	ZDB 6 VB2-4X/315V**	315 bar	LA-ZDB 6 B2/320	320 bar	
A → T & B → T	ZDB 6 VC2-4X/100V**	100 bar	LA-ZDB 6 C2/100	100 bar	
A → T & B → T	ZDB 6 VC2-4X/315V**	315 bar	LA-ZDB 6 C2/320	320 bar	
A → B & B → A	ZDB 6 VD2-4X/100V**	100 bar	LA-ZDB 6 D2/100	100 bar	
A → B & B → A	ZDB 6 VD2-4X/315V**	315 bar	LA-ZDB 6 D2/320	320 bar	
Pressure regulators					
P	ZDR 6 DP1-4X/75YM	75 bar	LA-ZDR 6 P1/100	100 bar	
P	ZDR 6 DP1-4X/210YM	210 bar	LA-ZDR 6 P1/210	210 bar	
A	ZDR 6 DA1-4X/75Y	75 bar	LA-ZDR 6 A1/100	100 bar	
A	ZDR 6 DA1-4X/210Y	210 bar	LA-ZDR 6 A1/210	210 bar	
B	ZDR 6 DB1-4X/75YM	75 bar	LA-ZDR 6 B1/100	100 bar	
B	ZDR 6 DB1-4X/210YM	210 bar	LA-ZDR 6 B1/210	210 bar	
One-way control valves (the one-way flow control can be changed by rotating)					
A	Z2FS 6 A2-4X/2QV**	---	LA-Z2FS 6 A	---	
B	Z2FS 6 B2-4X/2QV**	---	LA-Z2FS 6 B	---	
A + B	Z2FS 6 -2-4X/2QV**	---	LA-Z2FS 6 AB	---	
Pilot operated check valves					
A	Z2S 6 A1-6X/	---	LA-Z2S 6 A	---	
B	Z2S 6 B1-6X/	---	LA-Z2S 6 B	---	
A + B	Z2S 6 -1-6X/	---	LA-Z2S 6 AB	---	

* our operating recommendation ** seals made of FKM, temperature range -20°C to max. +80°C



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All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.