

## Intelligent hydraulics in conjunction with multi-technology competence

As leading supplier in the field of industrial hydraulics Rexroth holds an outstanding position with components, systems, distinct application know-how and high competence in engineering.

With the widest selection of hydraulic products in the world, Rexroth will provide you with standard products, application-related systems and tailor-made solutions of highest quality.

Furthermore, with the aid of the latest micro-electronics, Rexroth has made hydraulics even more powerful than ever. The products fit easily into modern machine concepts and are extremely powerful while featuring high energy efficiency. As a supplier of all technologies Rexroth always offers the ideal drive solution for the application at hand. Rexroth is the ideal development partner if you want to develop highly efficient machines and production facilities – from the first point of contact right through to commissioning and over the entire life cycle.

Teams operating worldwide will take on the complete engineering of your machines and systems, right up to readiness for series production or handover of a turnkey system, if required.

Utilizing the multi-technology competence and drive and control technology from Rexroth will help you become more competitive than ever



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## Pressure and flow control valves

### Product range

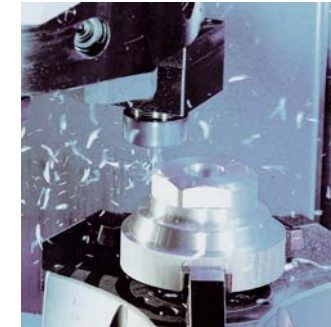
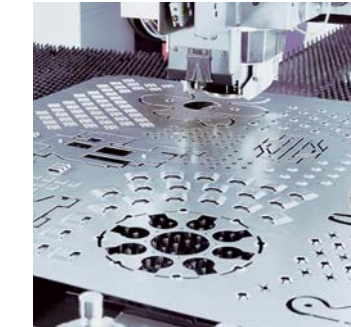


The data and properties specified in this brochure only serve to provide a general overview of the product range of "pressure and flow control valves" of Bosch Rexroth AG.

This overview does not include all of the technical data and variants available and is no substitute for technical data sheets. For more detailed information about the individual valves, please see the relevant technical data sheets.

No statements concerning a certain condition or suitability for a certain application can be derived from our information.

The information given does not release the user from the obligation of own judgement and verification.





	Pressure relief valves, direct operated				Pressure relief valves, pilot operated		Pump safety block			Pressure reducing valves, direct operated		Pressure reducing valves, pilot operated						
Type	DBD		DB	DBT, DZT	DBD	DB, DBW	DB...W65, DBW...W65	DB, DBW	DBA, DBAW, DBAE, DBAEE	DBA; DBAW	DR, DP	DR		3DR				
Size	6	8	10	15	20	25	30	6			6	10	10	16	25	32	10	16
Component series	1X		1X	1X	1X	5X	4X	3X	2X	1X	5X	4X	5X	4X	6X	5X		
Data sheet no.	25402		25408	25724	25710	25802	25818	25850	25891	25880	26564	26580	26892	26893	26915	26928		
Features	<ul style="list-style-type: none"> <li>▶ Threaded connection</li> <li>▶ Subplate mounting</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>		<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 3 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> </ul>	<ul style="list-style-type: none"> <li>▶ Cartridge valve</li> <li>▶ 2 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Flange connection</li> <li>▶ 3 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ SAE flange connection</li> <li>▶ Pressureless startup</li> <li>▶ Low circulation pressure</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ SAE flange connection</li> <li>▶ Pressureless startup</li> <li>▶ Low circulation pressure</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Type-examined safety valves according to Pressure Equipment Directive 87/23/EC, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 3-way design</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ 2-way design</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ 2-way design</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 3-way design</li> <li>▶ 4 adjustment types, optional</li> </ul>				
Maximum flow in l/min	330		60	3	20	650	400	2000	400	650	60	80	400	160	120	220		
Maximum operating pressure in bar	630		315	315	500	350	350	210	350	350	315	210	350	315	315	250		

	Pressure sequencing valves, direct operated		Pressure sequencing valves, pilot operated		Pressure shut-off valves, pilot operated			Throttle valves			Flow control valves				
Type	DZ, DP		DZ		DA	DA, DAW		MG, MK	FG, FK	F	2FRM	2FRM, 2FRH, 2FRW	3FRM		
Size	6		10	10	25	32	6	10	25	32	6	10	16	10	16
Component series	5X		4X	5X	5X	2X	1X	2X	2X; 3X	3X	3X	2X			
Data sheet no.	26076		26099	26391	26405	26411	27219	27226	27761	28163	28389	28862			
Features	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>		<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Check valve, optional</li> <li>▶ 4 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Switching pressure differential adjustable (10 ... 50 %)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 4 adjustment types, optional</li> <li>▶ Solenoid-actuated unloading by built-on directional spool valve</li> </ul>	<ul style="list-style-type: none"> <li>▶ For direct in-line installation</li> <li>▶ Pressure- and viscosity-related</li> </ul>	<ul style="list-style-type: none"> <li>▶ Block installation (cartridge valve, screw-in valve)</li> <li>▶ 3 adjustment types, optional</li> <li>▶ Various cracking pressures (type FK)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ Block installation</li> <li>▶ Lockable rotary knob</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ Threaded connection</li> <li>▶ 2-way design</li> <li>▶ Check valve, optional</li> <li>▶ 2 adjustment types, optional</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 2-way design</li> <li>▶ Mechanical actuation (type 2FRM)</li> <li>▶ Hydraulic actuation (type 2FRH)</li> <li>▶ Electro-hydraulic actuation (type 2FRW)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Subplate mounting</li> <li>▶ 3-way design</li> <li>▶ Mechanical actuation</li> <li>▶ Pressure relief valve, optional</li> <li>▶ Unloading port for free circulation, optional</li> </ul>			
Maximum flow in l/min	60		80	600	40	400	400	400	80	32	160	160			
Maximum operating pressure in bar	315		210	315	350	315	315	315	210	315	315	315			