Bosch Group

Intelligent hydraulics combined with multi-technology expertise

As a leading provider in the field of industrial hydraulics, Rexroth takes a top position with its components, systems and extensive know-how and expertise regarding applications and engineering.

From its hydraulics range, which is the widest in the world, Rexroth offers standard products, application-related systems and customer-specific special solutions of high quality.

Using highly advanced microelectronics, Rexroth has rendered hydraulics even more capable. The products can be easily integrated in state-of-the-art machinery concepts and are extremely powerful and energy efficient. As a supplier of all technologies, Rexroth always provides the perfect application-specific drive solution.

Rexroth is the ideal development partner for highly efficient machinery and production equipment – from the initial contact to commissioning and throughout the entire life cycle.

Worldwide operational teams assume all project planning tasks for your machines and systems until they are ready for start of production or turnkey delivery if desired.

Using the multi-technology expertise and drive and control technology of Rexroth, you will become more competitive than ever.





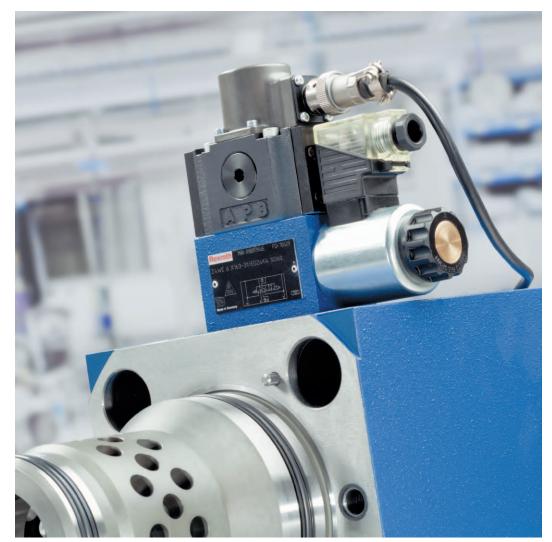
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Proportional and high-response pressure and flow control valves

Product overview









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

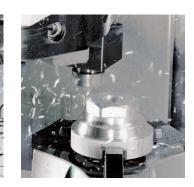
The overview does not include all technical data and variants and does not replace a technical data sheet. Detailed information on the individual valves can be found in the corresponding data sheets.

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 judgment and verification.









	Proportional pressure relief valves, direct operated		Proportional pressure relief valves, pilot operated					Proportional pressure reducing valves, pilot operated								
Туре	DBET, DBETE	DBETA	DBE, ZDBE	DBEBE		DBEM, DBEME	DBG	DRE, DREE, ZDRE, ZDREE	DRS, ZDRS	DREB	DREBE	ZDRE, ZDREE	DREM, DREME	3DREM, 3DREME	DRG	3DREP, 3DREPE
		The state of the s														
Size	6	6	6	6	10	10 25 32	8 10 15 20 25 32	6	6	6	6 10	10	10 25 32	10 16	8 10 15 20 25 32	6
Component series	6X	6X	2X	1X	1X	7X	1X	1X	1X	1X	1X	2X	6X	7X	1X	2X
Data sheet no.	29162	29262	29258	29159	29163	29361	29139	29175	29173	29182	29195 29199	29279	29276 29278	29286	29145	29184
Features	 Subplate mounting Coil 800 mA, optional Without/with integrated electronics (OBE) 	Subplate mountingWith integrated electronics (OBE)	 Subplate mounting Sandwich plate design With integrated electronics (OBE) 	 Subplate mounting Position-controlled With integrated elect 	tronics (OBE)	Subplate mounting Threaded connection With integrated electronics (OBE) Coil 800 mA, optional	Threaded connectionCartridge valve	 Subplate mounting Sandwich plate design 3-way version Without/with integrated electronics (OBE) 	 Subplate mounting Sandwich plate design 3-way version 	 Subplate mounting Position-controlled 3-way version 	 Subplate mounting Position-controlled With integrated electronics (OBE) 3-way version (size 6) 2-way version (size 10) 	 Sandwich plate design 3-way version Without/with integrated electronics (OBE) 	 Subplate mounting 2.5-way version Coil 800 mA, optional Without/with integrated electronics (OBE) 	 Subplate mounting 3-way version Without/with integrated electronics (OBE) 	Subplate mountingThreaded connection	 Subplate mounting Pilot control valve type WRZ Without/with integrated electronics (OBE)
Maximum flow in I/min	2	5	30	40	120	275 550 700	100 200 200 400 400 600	30	30	40	40 120	80	200 300 300	125 300	80 80 200 200 200 30	15
Maximum operating pressure in bar	420	500	350	315		350	315	315	210	315	315	315	315	315 250	315	100
Step response in ms	80	80	130	On 70; Off 15	~80	~100		~150		On 50; off 20	On 50; off 20 ~80	~160	~130			
External control electronics	VT-MSPA1-1-1X (data sheet 3022	3)	VT-MSPA1-11-1X (data sheet 30223)		٧	VT-MSPA1-1-1X (data sheet 30223)	VT-VRM1-1-1X (data sheet 30405)	VT-MSPA1-1-1X (data sheet 30223)	VT-MRMA1-1-1X (data sheet 30214)	VT-VRPA1-527-10 (data sheet 30052))	VT-MSPA1-11-1X (data sheet 30223)	VT-MSPA1-11-1X (data sheet 30223	3) VT-MSPA1-11-1X (data sheet 3022	3) VT-VRM1-1-1X (data sheet 30405)	VT 11118-1X (data sheet 30218)

