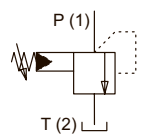
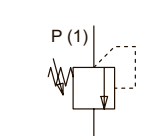
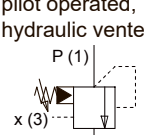
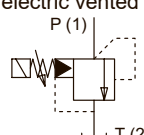
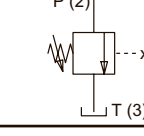
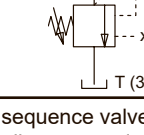
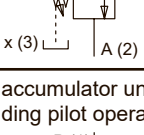
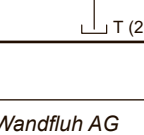
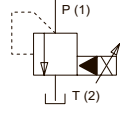
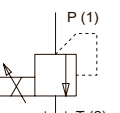
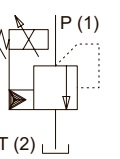
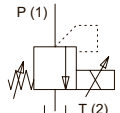


**OVERVIEW PRESSURE RELIEF-, PRESSURE SEQUENCE-, ACCUMULATOR UNLOADING VALVES**

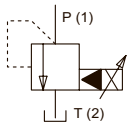
Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
pilot operated 	Type	<b>BV.PM18</b>		<b>BV.PM22</b> <b>BVTPM22</b> <b>BC.PM22</b>		<b>BV.PM33</b>	
	Data sheet	2.1-510		2.1-530 2.1-532 2.1-538		2.1-550	
	Cavity	2.13-1001		2.13-1003		2.13-1041	
direct operated 	Type	<b>BS.PM18</b>	<b>BESPU08</b>	<b>BA.PM22</b> <b>BK.PM22</b> <b>BESPM22</b>	<b>BESPU10</b>		
	Data sheet	2.1-520	2.1-523	2.1-540 2.1-542 2.1-539	2.1-590		
	Cavity	2.13-1001	2.13-1043	2.13-1003	2.13-1054		
pilot operated, hydraulic vented 	Type			<b>BV.PM22-Z9</b>			
	Data sheet			2.1-534			
	Cavity			2.13-1007			
pilot operated, electric vented 	Type			<b>BVEPM22</b>			
	Data sheet			2.1-536			
	Cavity			2.13-1003			
remote controlled direct operated 	Type			<b>BX.PM22</b>			
	Data sheet			2.1-544			
	Cavity			2.13-1037			
unloading valve direct operated 	Type			<b>BY.PM22</b>			
	Data sheet			2.1-544			
	Cavity			2.13-1037			
sequence valve pilot operated 	Type			<b>FV.PM22</b>			
	Data sheet			2.1-546			
	Cavity			2.13-1006			
accumulator unloading pilot operated 	Type			<b>US.PM22</b>			
	Data sheet			2.1-548			
	Cavity			2.13-1006			

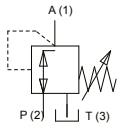
## OVERVIEW PROPORTIONAL PRESSURE RELIEF VALVES

Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
pilot operated 	Type	<b>BVPPM18</b>		<b>BVPPM22</b>		<b>BVPPM33</b>	<b>BVPPM42</b>
	Data sheet	2.3-510		2.3-529		2.3-551	2.3-590
	Type ■			<b>BVPPM22-./ME</b>		<b>BVPPM33-./ME</b>	
	Data sheet			2.3-537		2.3-553	
	Type ●			<b>BVBPM22</b>			
	Data sheet			2.3-536			
Cavity		2.13-1001		2.13-1003		2.13-1041	2.13-1048
direct operated 	Type	<b>BDPPM18</b>		<b>BDPPM22</b>			
	Data sheet	2.3-520		2.3-539			
	Type ■			<b>BDPPM22-./ME</b>			
	Data sheet			2.3-561			
	Type ●			<b>BDBPM22</b>			
	Data sheet			2.3-547			
	Type			<b>BSPPM22</b>			
	Data sheet			2.3-571			
Cavity		2.13-1001		2.13-1003			
pilot operated Inverse 	Type			<b>BNIPM22</b>			
	Data sheet			2.3-533			
	Type			<b>BVIPM22</b>			
	Data sheet			2.3-528			
Cavity			2.13-1003				
direct operated Inverse 	Type			<b>BDIPM22</b>			
	Data sheet			2.3-548			
	Type ■			<b>BDIPM22-./ME</b>			
	Data sheet			2.3-562			
Cavity			2.13-1003				

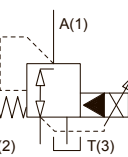
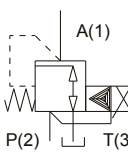
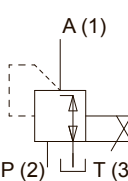
■ Execution with integrated electronics ● Execution Ex d

**OVERVIEW PRESSURE REDUCING VALVES**

Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
pilot operated 	Type	<b>MV.PM18</b>		<b>MV.PM22</b>			
	Data sheet	2.2-510		2.2-530			
	Cavity	2.13-1020		2.13-1004			


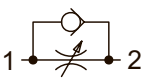
Function		Size					
		M16x1.5	M18x1.5	M22x1.5	7/8"-14 UNF	M33x2	M42x2
direct operated 	Type	<b>MD.PM16</b>		<b>MSSPM22</b>	<b>MD.PU10</b>		
	Data sheet	2.2-508		2.2-532	2.2-550		
	Cavity	2.13-1051			2.13-1045		

**OVERVIEW PROPORTIONAL PRESSURE REDUCING VALVES**

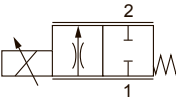
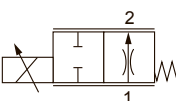
Function		Size					
		M16x1.5	M18x1.5	M22x1.5	7/8"-14 UNF	M33x2	M42x2
pilot operated 	Type		<b>MVPPM18</b>	<b>MVPPM22</b>	<b>MVPPU10</b>	<b>MVPPM33</b>	<b>MVPPM42</b>
	Data sheet		2.3-610	2.3-629	2.3-672	2.3-649	2.3-690
	Type ■			<b>MVPPM22-./ME</b>		<b>MVPPM33-./ME</b>	
	Data sheet			2.3-632		2.3-652	
	Type ●			<b>MVBPM22</b>		MVBPM33	
	Data sheet			2.3-635		2.3-654	
	Cavity		2.13-1020	2.13-1004	2.13-1045	2.13-1040	2.13-1047
pilot operated 	Type			<b>MQPPM22</b>			
	Data sheet			2.3-641			
	Type ■			<b>MQPPM22-./ME</b>			
	Data sheet			2.3-643			
	Type ●			<b>MQBPM22</b>			
	Data sheet			2.3-644			
	Cavity			2.13-1004			
direct operated 	Type	<b>MDPPM16</b>		<b>MPPPM22</b>	<b>MPPPU10</b>		
	Data sheet	2.3-605		2.3-625	2.3-673		
	Type	<b>MGPPM16</b>					
	Data sheet	2.3-607					
	Type ●	<b>MDBPM16</b>		<b>MPBPM22</b>			
	Data sheet	2.3-602		2.3-627			
	Type ●	<b>MGBPM16</b>					
	Data sheet	2.3-608					
	Type	<b>MDIPM16</b>					
	Data sheet	2.3-603					
Cavity	2.13-1051		2.13-1004				

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**OVERVIEW THROTTLE- AND RESTRICTOR VALVES**

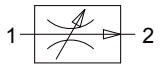
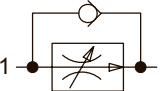
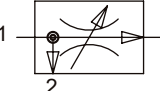
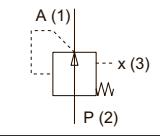
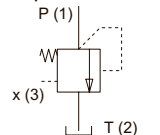
Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
Throttle valve 	Type	<b>DN.PM18</b> <b>DNIPM18</b>		<b>DNIPM22</b>		<b>DNIPM33</b>	
	Data sheet	2.4-510 2.4-512		2.4-532		2.4-552	
	Cavity	2.13-1002		2.13-1008		2.13-1005	
Restrictor valve 	Type	<b>DR.PM18</b>					
	Data sheet	2.4-610					
	Cavity	2.13-1002					

**OVERVIEW PROPORTIONAL THROTTLE VALVES**

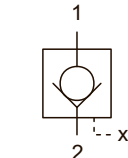
Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
Throttle valve normally closed 	Type	<b>DNPPM18</b>		<b>DNPPM22</b>		<b>DNPPM33</b>	
	Data sheet	2.6-510		2.6-531		2.6-551	
	Type ■			<b>DNPPM22-../ME</b>		<b>DNPPM33-../ME</b>	
	Data sheet			2.6-541		2.6-561	
	Type ●			<b>DNBPM22</b>			
	Data sheet			2.6-535			
	Cavity	2.13-1002		2.13-1008		2.13-1005	
Throttle valve normally open 	Type	<b>DOPPM18</b>		<b>DOPPM22</b>		<b>DOPPM33</b>	
	Data sheet	2.6-510		2.6-531		2.6-551	
	Type ■			<b>DOPPM22-../ME</b>			
	Data sheet			2.6-541			
	Type ●			<b>DOBPM22</b>			
	Data sheet			2.6-535			
	Cavity	2.13-1002		2.13-1008		2.13-1005	

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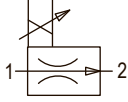
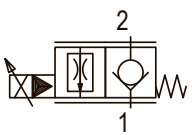
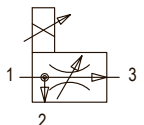
**OVERVIEW FLOW CONTROL-, PRESSURE COMPENSATING VALVES**

Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
2-way 	Type	<b>QA.PM18</b>		<b>QZ.PM22</b>		<b>QZ.PM33</b>	
	Data sheet	2.5-510		2.5-535		2.5-550	
	Cavity	2.13-1002		2.13-1008		2.13-1005	
2-way 	Type			<b>QRSPM22</b>			
	Data sheet			2.5-530			
	Cavity			2.13-1008			
3-way 	Type			<b>QD.PM22</b>		<b>QD.PM33</b>	
	Data sheet			2.5-540		2.5-555	
	Cavity			2.13-1004		2.13-1040	
2-way pressure compensator 	Type			<b>UZFPM22</b>		<b>UZFPM33</b>	
	Data sheet			2.5-630		2.5-650	
	Cavity			2.13-1006		2.13-1011	
3-way pressure compensator 	Type			<b>UDFPM22</b>		<b>UDFPM33</b>	
	Data sheet			2.5-630		2.5-650	
	Cavity			2.13-1006		2.13-1011	

**OVERVIEW NON-RETURN VALVES**

Function		Size					
		M18x1.5	3/4"-16 UNF	M22x1.5	7/8"-14 UNF	M33x2	M42x2
hydraulic pilot 	Type			<b>RNXPM22</b>		<b>RNXPM33</b>	
	Data sheet			2.7-61		2.7-62	
	Cavity			2.13-1006		2.13-1011	

## OVERVIEW PROPORTIONAL FLOW CONTROL VALVES

Function		Size					
		M18x1.5	7/8"-14 UNF	M22x1.5	1 5/16"-12 UN	M33x2	M42x2
2-way 	Type	<b>QZPPM18</b>		<b>QNPPM22</b>	<b>QNPPU16</b>	<b>QNPPM33</b>	<b>QNPPM42</b>
	Data sheet	2.6-610		2.6-631	2.6-675	2.6-651	2.6-690
	Type ■			<b>QNPPM22-../ME</b>		<b>QNPPM33-../ME</b>	
	Data sheet			2.6-633		2.6-659	
	Type			<b>QNBPM22</b>		<b>QNBPM33</b>	
	Data sheet			2.6-634		2.6-655	
	Cavity	2.13-1038		2.13-1008	2.13-1049	2.13-1005	2.13-1050
2-way seat-tight 	Type		<b>QSPPU10</b>			<b>QSPPM33</b>	
	Data sheet		2.6-638			2.6-661	
	Cavity		2.13-1058			2.13-1005	
3-way 	Type			<b>QDPPM22</b>	<b>QDPPU16</b>	<b>QDPPM33</b>	<b>QDPPM42</b>
	Data sheet			2.6-644	2.6-670	2.6-666	2.6-695
	Type ■			<b>QDPPM22-../ME</b>		<b>QDPPM33-../ME</b>	
	Data sheet			2.6-647		2.6-668	
	Type ●			<b>QDBPM22</b>			
	Data sheet			2.6-648			
	Cavity			2.13-1004	2.13-1046	2.13-1040	2.13-1047

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