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GENERAL INFORMATION

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PROPORTIONAL VALVES

Ex-d

Size Qmax [l/min] Table **Pag**

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SERVOPROPORTIONAL DIRECTIONALS

zero overlap with LVDT transducer

DLHZA-TES, DLKZA-TES	direct, sleeve execution, on-board driver	06 ÷ 10	50 ÷ 100	FX150	9
DLHZA-T, DLKZA-T	direct, sleeve execution, off-board driver	06 ÷ 10	50 ÷ 100	FX140	21
DHZA-TES, DKZA-TES	direct, on-board driver	06 ÷ 10	60 ÷ 150	FX135	27
DPZA-LES	piloted, on-board driver, 2 LVDT transducers	10 ÷ 27	180 ÷ 800	FX235	37
LIQZA-LES	3 way cartridge, piloted, on-board driver, 2 LVDT transducers	25 ÷ 80	500 ÷ 5000	FX380	49
LIQZA-L	3 way cartridge, piloted, off-board driver, 2 LVDT transducers	25 ÷ 80	500 ÷ 5000	FX370	59

HIGH PERFORMANCE DIRECTIONALS

positive overlap with LVDT transducer

DHZA-TES, DKZA-TES	direct, on-board driver	06 ÷ 10	60 ÷ 150	FX130	65
DHZA-T, DKZA-T	direct, off-board driver	06 ÷ 10	60 ÷ 150	FX120	77
DPZA-LES	piloted, on-board driver, 2 LVDT transducers	10 ÷ 27	180 ÷ 800	FX230	83
DPZA-T	piloted, off-board driver, 1 LVDT transducer	10 ÷ 32	180 ÷ 1000	FX220	95
LIQZA-LES	2 way ISO cartridge, piloted, on-board driver, 2 LVDT transducers	25 ÷ 100	1200 ÷ 16000	FX360	103
LIQZA-L	2 way ISO cartridge, piloted, off-board driver, 2 LVDT transducers	25 ÷ 100	1200 ÷ 16000	FX350	113

DIRECTIONAL VALVES

positive overlap without transducer

DHZA-AES, DKZA-AES	direct, on-board driver	06 ÷ 10	60 ÷ 120	FX110	121
DHZA-A, DKZA-A	direct, off-board driver	06 ÷ 10	60 ÷ 120	FX100	133
DPZA-AES	piloted, on-board driver	10 ÷ 32	180 ÷ 1500	FX210	141
DPZA-A	piloted, off-board driver	10 ÷ 32	180 ÷ 1500	FX200	153

HIGH PERFORMANCE PRESSURE VALVES

with pressure transducer

RZMA-RES, AGMZA-RES	relief, direct or piloted, on-board driver	06 ÷ 32	4 ÷ 600	FX030	161
RZGA-RES, AGRCZA-RES	reducing, direct or piloted, on-board driver	06 ÷ 20	12 ÷ 300	FX060	173
LIMZA-RES	relief ISO cartridge, piloted, on-board driver	16 ÷ 80	200 ÷ 4500		
LIRZA-RES	reducing ISO cartridge, piloted, on-board driver	16 ÷ 40	160 ÷ 800	FX320	185
LICZA-RES	compensator ISO cartridge, piloted, on-board driver	16 ÷ 50	200 ÷ 2000		

		Size	Qmax [l/min]	Table	Pag
PRESSURE VALVES					
without transducer					
RZMA-AES, AGMZA-AES	relief, direct or piloted, on-board driver	06 ÷ 32	4 ÷ 600	FX020	197
RZMA-A, AGMZA-A	relief, direct or piloted, off-board driver	06 ÷ 32	4 ÷ 600	FX010	209
HZMA-A	relief, piloted, off-board driver, modular	06	40		
RZGA-AES, AGRCZA-AES	reducing, direct or piloted, on-board driver	06 ÷ 20	12 ÷ 300	FX050	217
RZGA-A, AGRCZA-A	reducing, direct or piloted, off-board driver	06 ÷ 20	12 ÷ 300	FX040	227
HZGA-A, KZGA-A	reducing, piloted, off-board driver, modular	06 ÷ 10	40 ÷ 100		
LIMZA-AES	relief ISO cartridge, piloted, on-board driver	16 ÷ 80	200 ÷ 4500		
LIRZA-AES	reducing ISO cartridge, piloted, on-board driver	16 ÷ 40	160 ÷ 800	FX310	235
LICZA-AES	compensator ISO cartridge, piloted, on-board driver	16 ÷ 50	200 ÷ 2000		
LIMZA-A	relief ISO cartridge, piloted, off-board driver	16 ÷ 80	200 ÷ 4500		
LIRZA-A	reducing ISO cartridge, piloted, off-board driver	16 ÷ 40	160 ÷ 800	FX300	247
LICZA-A	compensator ISO cartridge, piloted, off-board driver	16 ÷ 50	200 ÷ 2000		
for pilot lines, without transducer					
DHRZA-AES	3 way reducing, direct, on-board driver	06	24	FX080	255
DHRZA-A	3 way reducing, direct, off-board driver	06	24	FX070	263
FLOW VALVES					
pressure compensated					
QVHZA-TES, QVKZA-TES	direct, on-board driver, LVDT transducer	06 ÷ 10	45 ÷ 90	FX430	269
QVHZA-T, QVKZA-T	direct, off-board driver, LVDT transducer	06 ÷ 10	45 ÷ 90	FX420	279
QVHZA-AES, QVKZA-AES	direct, on-board driver, without transducer	06 ÷ 10	45 ÷ 90	FX410	285
QVHZA-A, QVKZA-A	direct, off-board driver, without transducer	06 ÷ 10	45 ÷ 90	FX400	295
ELECTRONIC DRIVERS					
off-board digital, DIN-rail EN 60715					
E-BM-TES/A, E-BM-LES/A	for directional and flow valves with LVDT transducers, fieldbus, P/Q control			GS240	301
E-BM-TEB/A, E-BM-LEB/A	for directional and flow valves with LVDT transducers			GS230	309
E-BM-AES/A	for valves without transducer, fieldbus			GS050	315
E-BM-AS/A	for valves without transducer			G030	321
ACCESSORIES					
E-ATRA-7	pressure transducer with amplified analog output signal			GX800	521
BA	single station subplates, mounting surfaces ISO 4401, 6264 and 5781			K280	523
BA-214, BA-314, BA-244	multi-station subplates, mounting surface ISO 4401			K290	527
BA-214/AL	multi-station subplates, mounting surface ISO 4401, aluminium			K295	531
HAND LEVERS	for on-off and proportional valves			E138	533
CABLE GLANDS	for proportional and on-off valves, standard or armoured cables			KX800	535
OPERATING INFORMATION					
Operating and maintenance information for ex-proof proportional valves				FX900	603

Supplementary components range available on www.atos.com