

GENERAL INDEX

1

PROPORTIONAL VALVES

2

AXIS & P/Q CONTROLS

3

ON-OFF VALVES

4

PUMPS

5

ACCESSORIES

6

GENERAL INFORMATION

CYLINDERS, see KTC catalog · FILTERS, see KTF catalog

INDEX

ON-OFF VALVES

	Size	Qmax [l/min]	Table	Pag
TECHNICAL INFORMATION				
Basics for on-off solenoid directional valves			E001	843
Basics for safety components			Y010	845
Mounting surface for electrohydraulic valves			P005	867
Mounting surface and cavities for cartridge valves			P006	871

DIRECTIONAL VALVES

solenoid operated

DHL	direct, spool type, subplate, AC or DC solenoids, compact execution	06	60	E018	545
DHI	direct, spool type, subplate, AC or DC solenoids	06	60	E010	551
DHE	direct, spool type, subplate, AC or DC solenoids, high flow	06	80	E015	555
DKE	direct, spool type, subplate, AC or DC solenoids	10	150	E025	559
DPHI, DPHE	piloted, spool type, subplate, AC or DC solenoids	10 ÷ 32	160 ÷ 1000	E085	563

leak free, solenoid operated

DLEH, DLEHM, CART LEH, CART LEHM	direct, poppet type, subplate, AC or DC solenoids	06	12 ÷ 30	E045	571
JO-DL	piloted, poppet type, screw-in cartridge, DC solenoids	UNF 3/4" ÷ 1 5/16"	40 ÷ 300	E105	575

mechanical, hydraulic, pneumatic operated

DH, DK, DP Mechanical	hand lever or cam operated, spool type, subplate	06 ÷ 25	50 ÷ 700	E150	579
DH, DK, DP Hydraulic	spool type, subplate	06 ÷ 32	50 ÷ 1000	E225	585
DH, DK, DP Pneumatic	spool type, subplate	06 ÷ 32	50 ÷ 1000	E255	589

PRESSURE VALVES

CART M, CART ARE	relief, direct, screw-in cartridge	G1/2" ÷ M35	2,5 ÷ 150	C010	593
ARE	relief, direct, in line	G1/4" ÷ G1/2"	40 ÷ 100	C020	599
ARAM	relief, piloted, in line, optional AC or DC solenoids	G3/4" ÷ G1 1/4"	350 ÷ 500	C045	603
AGAM	relief, piloted, subplate, optional AC or DC solenoids	10 ÷ 32	200 ÷ 600	C066	609
REM	relief, piloted, flanged, optional AC or DC solenoids	SAE 3/4" ÷ 1 1/4"	200 ÷ 600	C073	615
AGIR	reducing, piloted, subplate	10 ÷ 32	160 ÷ 400		
AGIS	sequence, piloted, subplate	10 ÷ 32	200 ÷ 600	C070	621
AGIU	unloading, piloted, subplate, optional AC or DC solenoids	10 ÷ 32	100 ÷ 300		

FLOW VALVES

QV	pressure compensated, 2 way, subplate	06	24	C210	627
AQFR	throttle, in line	G3/8" ÷ 1 1/4"	30 ÷ 250	C280	629

		Size	Qmax [l/min]	Table	Pag
CHECK VALVES					
DB, DR	direct, screw-in cartridge	G1/4" ÷ G1/2	95	C400	631
ADR	direct, in line	G1/4" ÷ G1 1/4"	500	C406	633
ADRL	piloted, in line	G3/8" ÷ G1 1/4"	300	C450	635
AGRL	piloted, subplate	10 ÷ 32	160 ÷ 500		

SAFETY VALVES**directionals, machine directive 2006/42/EC**

DHI/FV, DHE/FV, DKE/FV	direct, spool type, subplate, AC or DC solenoids	06 ÷ 10	60 ÷ 150	EY010	639
DHI/FI, DHE/FI, DKE/FI					
HF/FV	direct, spool type, modular, AC or DC solenoids	06	60	EY050	649
JO-DL/FV	piloted, poppet type, leak free screw-in cartridge, DC solenoids	UNF 3/4" ÷ 1 5/16"	40 ÷ 300	EY105	653
DPHI/FV, DPHE/FV	piloted, spool type, subplate, AC or DC solenoids	10 ÷ 25	160 ÷ 700	EY030	657
LIFI, LIDA/FV, LIDAS/FV	piloted, poppet type, ISO cartridge, optional AC or DC solenoids	16 ÷ 50	120 ÷ 1800	EY120	667

pressure relief, PED 2014/68/UE

CART M/PED	direct, screw-in cartridge	G1/2" ÷ M35	2,5 ÷ 150	CY010	675
CART ARE/PED					
ARE/PED	direct, in line	G3/8" ÷ G1/2"	60 ÷ 100	CY020	679
ARAM/PED	piloted, in line, optional AC or DC solenoids	G3/4" ÷ G1 1/4"	350 ÷ 500	CY045	683
AGAM/PED	piloted, subplate, optional AC or DC solenoids	10 ÷ 32	200 ÷ 600	CY066	689

MODULAR VALVES**directionals**

HF	direct, spool type, modular, AC or DC solenoids	06	60	D050	695
----	---	----	----	------	------------

pressure

HMP, HM, KM	relief, direct or piloted, poppet type	06 ÷ 10	35 ÷ 120	D120	699
HS, KS	sequence, direct or piloted, spool type	06 ÷ 10	40 ÷ 80	D130	703
HG, KG, JPG	reducing, direct or piloted, spool type, 3 or 2 way	06 ÷ 25	50 ÷ 300	D140	705
HC, KC, JPC	compensator, direct or piloted, spool type, 2 way	06 ÷ 16	50 ÷ 200	D150	709

flow

DHQ	direct, pressure compensated, by-pass solenoid valve	06	36	D170	711
HQ, KQ, JPQ	throttle, reverse free flow	06 ÷ 25	80 ÷ 300	D160	713

check

HR, KR, JPR	direct or piloted	06 ÷ 25	60 ÷ 300	D180	717
-------------	-------------------	---------	----------	------	------------

		Size	Qmax [l/min]	Table	Pag
ISO CARTRIDGES					
SC LI	2 way, slip-in	16 ÷ 100	270 ÷ 9000	H003	721
directionals					
LIDEW, LIDBH	functional covers, optional AC or DC solenoids	16 ÷ 100	270 ÷ 9000	H030	725
LIDAS, LIDASH	2 way, active piloting, optional AC or DC solenoids	16 ÷ 50	240 ÷ 2100	H050	731
pressure					
LIMM	relief, functional covers, optional AC or DC solenoids	16 ÷ 80	180 ÷ 4900		
LIRA	reducing, functional covers	16 ÷ 40	140 ÷ 750	H010	735
LIC	compensator, functional covers	16 ÷ 80	180 ÷ 4900		
flow					
LIDD	functional covers, throttle with stroke limiter	16 ÷ 63	270 ÷ 4000	H020	741
check					
LIDA	normally closed, functional covers	16 ÷ 100	270 ÷ 9000		
LIDO	normally open, functional covers	16 ÷ 50	160 ÷ 1800		
LIDB	normally closed, functional covers, shuttle valve	16 ÷ 63	270 ÷ 4000	H040	745
LIDR	normally closed, functional covers, check valve	16 ÷ 63	270 ÷ 4000		
ACCESSORIES					
E-ATR-8	pressure transducer with amplified analog output signal			GS465	813
E-DAP-2	electronic pressure switch with digital output signals and display			GS470	815
MAP	manual pressure switch with fixed differential switching pressure			D250	817
BA	single station subplates, mounting surfaces ISO 4401, 6264 and 5781			K280	819
BA-214, BA-314, BA-244	multi-station subplates, mounting surface ISO 4401			K290	823
BA-214/AL	multi-station subplates, mounting surface ISO 4401, aluminium			K295	827
HAND LEVERS	for on-off and proportional valves			E138	829
HANDWHEELS & KNOBS	for on-off and proportional valves			K150	831
CONNECTORS	for transducers, on-off and proportional valves			K800	833
OPERATING INFORMATION					
Operating and maintenance information for on-off valves				E900	885
Operating and maintenance information for safety PED pressure relief valves				CY900	891

Supplementary components range available on www.atos.com