

PKH.EP.E3.I

Tough pneumatically driven stainless steel ball valve with 3-pcs housing and M3- casing length.



SIZE

DN08 (1/4") to DN100 (4")

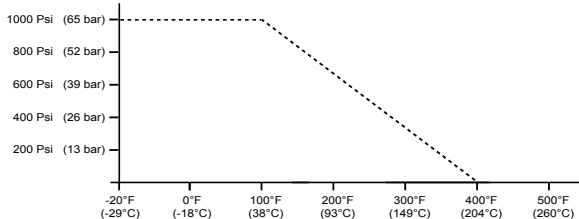
CONNECTION

Internal thread DIN 2999 / DIN 259.

Mounting flange ISO 5211

Casing length acc. DIN 3202 - M3

NOMINAL PRESSURE



MATERIALS

Body: Stainless steel AISI 316

Ball: Stainless steel AISI 316

Ball seal: PTFE, glasfiber

Stem: Stainless steel AISI 316

Stem seal: PTFE

FLOW DIRECTION

Random

MOUNTING POSITION

See mounting reference for industrial valves

FLOW MEDIUM

Neutral gases and fluids. For aggressive medium see material resistance table. Medium which lead to an increase of operating torque could require other actuator sizes.

OPERATION METHOD (Standard)

Pneumatic actuators, double- or single acting, spring open (NO) or spring closed (NC) version.

CONTROL MEDIUM

Compressed air or inert gases acc. PNEUROP/ISO class 4, other control medium on request.

CONTROL PRESSURE

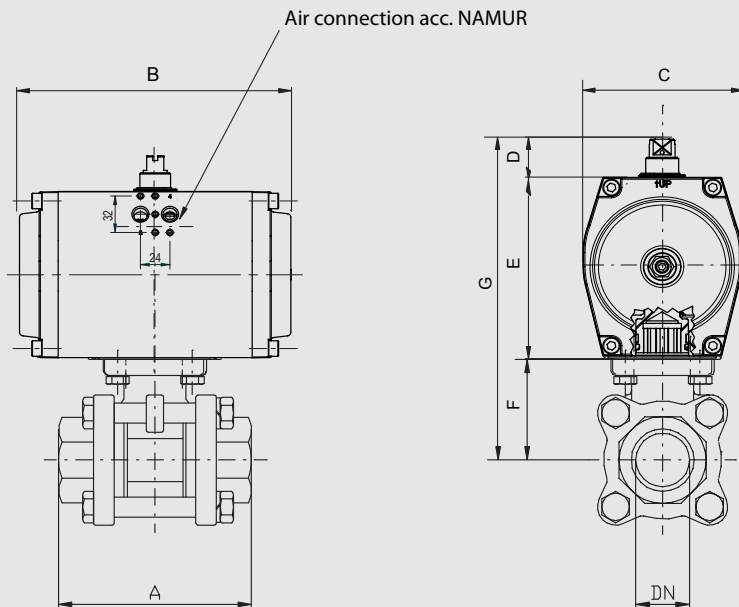
5,5 bar, other control pressure on request.

PNEUMATIC CONTROL

With either direct-mounted (NAMUR) or separate 3/2- or 5/2-way control valve or positioner.

OPTIONS AND ACCESSORIES

Limit switch box with mechanical microswitchs or inductive sensors.



PKH.EP.E3.I	Nominal width [mm]		max. press. [bar] PN	M(1) + 30% [Nm]	Flange	square	Pneumatic actuator	Dimensions [mm] and weight [kg]							Order code (2)	
	DN	Rp						A	B	C	D	E	F	G		Weight
double acting	8	1/4"	63	6,5	F03/F04	9	GTKB.43x90	65	116	61,5	30	65	40	135	1,35	PKH.EPE3.I.DN08.43.DA.100
	10	3/8"	63	6,5	F03/F04	9	GTKB.43x90	65	116	61,5	30	65	40	135	1,35	PKH.EPE3.I.DN10.43.DA.100
	15	1/2"	63	9,1	F03/F04	9	GTKB.43x90	75	116	61,5	30	65	40	135	1,40	PKH.EPE3.I.DN15.43.DA.100
	20	3/4"	63	11,7	F03/F04	9	GTKB.43x90	80	116	61,5	30	65	44	139	1,50	PKH.EPE3.I.DN20.43.DA.100
	25	1"	63	16,9	F04/F05	11	GTKB.52x90	90	133	68,5	30	74	52	156	2,25	PKH.EPI.E3.DN25.52.DA.100
	32	1 1/4"	63	26,0	F04/F05	11	GTKB.63x90	110	137	80	30	88	58	176	3,50	PKH.EPE3.I.DN32.63.DA.100
	40	1 1/2"	63	36,4	F05/F07	14	GTKB.63x90	120	137	80	30	88	68	186	4,40	PKH.EPE3.I.DN40.63.DA.100
	50	2"	63	48,1	F05/F07	14	GTKB.75x90	140	161	92,5	30	100	77	207	6,85	PKH.EPE3.I.DN50.75.DA.100
	65	2 1/2"	63	63,7	F07/F10	17	GTKB.83x90	185	180	92,5	30	100	98	228	12,0	PKH.EPE3.I.DN65.83.DA.100
	80	3"	63	70,2	F07/F10	17	GTKB.92x90	205	209	110,5	30	117	110	257	17,6	PKH.EPE3.I.DN80.92.DA.100
100	4"	63	80,6	F10	22	GTKB.110x90	240	221	120	30	140	138	308	27,8	PKH.EPE3.I.DN100.110.DA.100	
single acting	8	1/4"	63	6,5	F03/F04	9	GTKB.43x90.06	65	116	61,5	30	65	40	135	1,45	PKH.EPE3.I.DN08.43.xx.100
	10	3/8"	63	6,5	F03/F04	9	GTKB.43x90.06	65	116	61,5	30	65	40	135	1,45	PKH.EPE3.I.DN10.43.xx.100
	15	1/2"	63	9,1	F03/F04	9	GTKB.52x90.09	75	133	68,5	30	74	40	144	1,85	PKH.EPE3.I.DN15.52.xx.100
	20	3/4"	63	11,7	F03/F04	9	GTKB.52x90.10	80	133	68,5	30	74	44	148	1,90	PKH.EPE3.I.DN20.52.xx.100
	25	1"	63	16,9	F04/F05	11	GTKB.63x90.10	90	137	80	30	88	52	170	2,95	PKH.EPE3.I.DN25.63.xx.100
	32	1 1/4"	63	26,0	F04/F05	11	GTKB.75x90.10	110	161	92,5	30	100	58	188	4,50	PKH.EPE3.I.DN32.75.xx.100
	40	1 1/2"	63	36,4	F05/F07	14	GTKB.83x90.10	120	180	92,5	30	100	68	198	5,95	PKH.EPE3.I.DN40.83.xx.100
	50	2"	63	48,1	F05/F07	14	GTKB.92x90.10	140	209	110,5	30	117	77	224	9,90	PKH.EPE3.I.DN50.92.xx.100
	65	2 1/2"	63	63,7	F07/F10	17	GTKB.110x90.08	185	221	120	30	140	98	268	15,7	PKH.EPE3.I.DN65.110.xx.100
	80	3"	63	70,2	F07/F10	17	GTXB.110x90.10	205	221	120	30	140	110	280	20,4	PKH.EPE3.I.DN80.110.xx.100
100	4"	63	80,6	F10	22	GTXB.118x90.08	240	291	120	30	140	138	308	30,95	PKH.EPE3.I.DN100.118.xx.100	

(1) = Ball valve break torque incl. 30%. (2) = Placeholder for description NC (closed) or NO (normal open).