



PKH.EP.3E.I

Tough pneumatically driven
3-way stainless steel ball valve
with L- or T-bore.

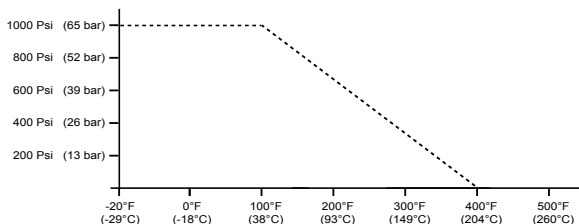
SIZE

1/4" to 2"

CONNECTION

Internal thread acc. ISO 7/1 (DIN 2999) / DIN 259.
Mounting flange acc. ISO 5211

NOMINAL PRESSURE



TEMPERATURE RANGE (Medium)

-10° to +200°C (operating pressure dependent)

MATERIAL

Body: 1.4408
Ball: 1.4401
Ball seal: PTFE, glasfiber
Stem: 1.4401
Steam seal: PTFE, glasfiber

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 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

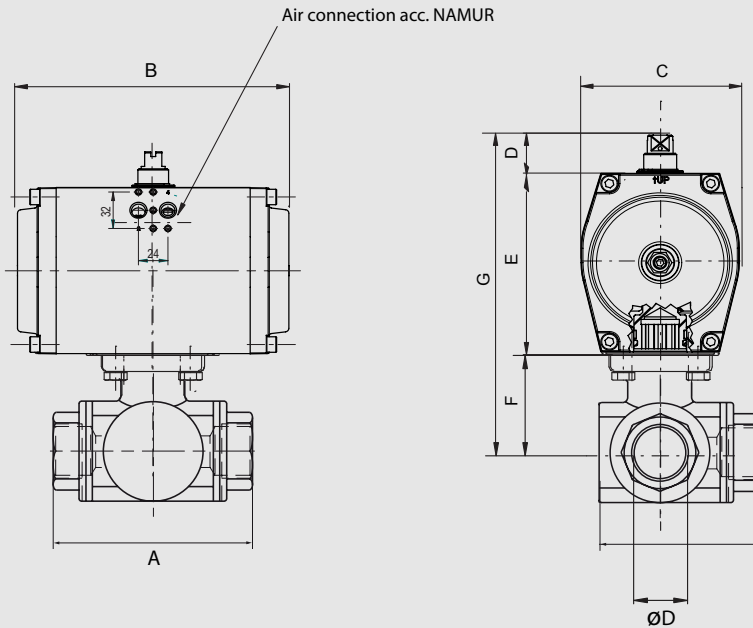
5,5 bar, other control pressure on request.

PNEUMATIC CONTROL

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

OPTIONS AND ACCESSORIES

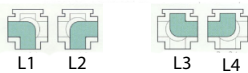
Limit switch box with mechanical microswitches or inductive sensors.



PKH.EP.3E.I	Nominal width [mm]		max. press. [bar] PN	M(1) + 30% [Nm]	Flange	square	Pneumatic actuator	Dimensions [mm] and weight [kg]								Order code (2) (3)
	Rp	ØD						A	B	C	D	E	F	G	Weight	
double acting	1/4"	12	63	13	F03/F04	9	GTKB.43x90	80	116	61,5	30	65	33,2	128,2	1,55	PKH.EP.3E.I.yy.DN08.43.DA.100
	3/8"	12	63	13	F03/F04	9	GTKB.43x90	80	116	61,5	30	65	33,2	128,2	1,55	PKH.EP.3E.I.yy.DN10.43.DA.100
	1/2"	12	63	13	F03/F04	9	GTKB.43x90	80	116	61,5	30	65	35,0	130,0	1,55	PKH.EP.3E.I.yy.DN15.43.DA.100
	3/4"	15	63	18	F04/F05	11	GTKB.52x90	87,5	133	61,5	30	74	41,1	145,1	2,10	PKH.EP.3E.I.yy.DN20.52.DA.100
	1"	20	63	22	F04/F05	11	GTKB.52x90	100	133	68,5	30	74	44,5	148,5	2,80	PKH.EP.3E.I.yy.DN25.52.DA.100
	1 1/4"	25	63	35	F04/F05	11	GTKB.63x90	123	137	68,5	30	88	49,4	167,4	4,65	PKH.EP.3E.I.yy.DN32.63.DA.100
	1 1/2"	32	63	42	F04/F05	11	GTKB.75x90	142,2	161	80	30	100	55,0	185,0	6,30	PKH.EP.3E.I.yy.DN40.75.DA.100
	2"	40	63	68	F05/F07	14	GTKB.83x90	170,6	180	92,5	30	100	66,5	196,5	10,4	PKH.EP.3E.I.yy.DN50.83.DA.100
single acting	1/4"	12	63	13	F03/F04	9	GTKB.52x90.10	80	133	68,5	30	74	33,2	137,2	1,95	PKH.EP.3E.I.yy.DN80.52.xx.100
	3/8"	12	63	13	F03/F04	9	GTKB.52x90.10	80	133	68,5	30	74	33,2	137,2	1,95	PKH.EP.3E.I.yy.DN08.52.xx.100
	1/2"	12	63	13	F03/F04	9	GTKB.52x90.10	80	133	68,5	30	74	35,0	139,0	1,95	PKH.EP.3E.I.yy.DN10.52.xx.100
	3/4"	15	63	18	F04/F05	11	GTKB.63x90.10	87,5	137	80	30	88	41,1	159,1	2,87	PKH.EP.3E.I.yy.DN15.63.xx.100
	1"	20	63	22	F04/F05	11	GTKB.75x90.08	100	161	92,5	30	100	44,5	174,5	4,45	PKH.EP.3E.I.yy.DN20.75.xx.100
	1 1/4"	25	63	35	F04/F05	11	GTKB.83x90.08	123	180	92,5	30	100	49,4	179,4	6,15	PKH.EP.3E.I.yy.DN25.83.xx.100
	1 1/2"	32	63	42	F04/F05	11	GTKB.83x90.10	142,2	180	92,5	30	100	55,0	185,0	7,15	PKH.EP.3E.I.yy.DN32.83.xx.100
	2"	40	63	68	F05/F07	14	GTKB.92x90.10	170,6	209	110,5	30	117	66,5	213,5	11,9	PKH.EP.3E.I.yy.DN50.92.xx.100

(1) = Max. ball valve torque + 30%. (2) = Placeholder for function version NC (normal closed) or NO (normal open). (3) = Placeholder for version L- or T-bore and function version.

Flow direction L-bore



Flow direction T-bore

