

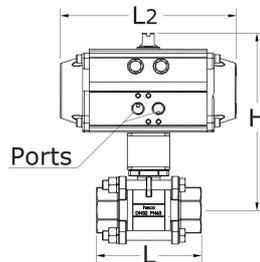
ball valve F/F, 3-piece

[short name: K3L.IG*](#)

full bore

with pneumatic actuator

mounted on bracket



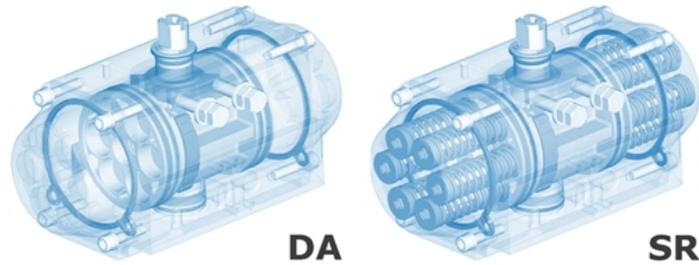
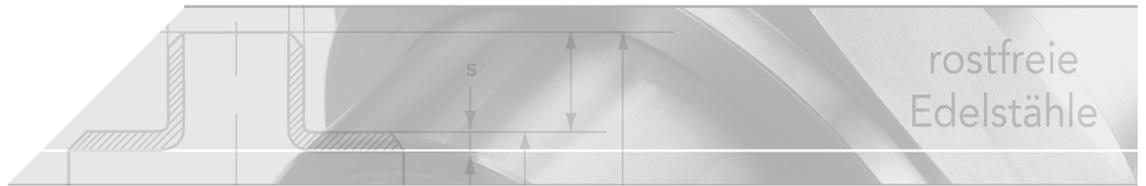
[technical product sheet](#)

available material: ask

Industrial valves > ball valves > with actuator > pneumatic > threaded ends, 3-piece > 3-piece with bracket

full description:

ball valve F/F, 3-piece
full bore
with pneumatic actuator
mounted on bracket
hard anodized aluminium
temperature range: -20°C to +80°C
designed for liquid and light
lubricating media with a
control air pressure of 6 bar.
(Please notice the operating manual!)



DA (double-acting)

double-acting pneumatic actuators
(air opens/ air close)

SR (spring-return)

single-action pneumatic actuators
(air opens/ spring close)

Technical data for actuator

Designation	Properties
temperature range	-20°C to +80°C
supply	dry or oiled, geölte, filtered compressed air
housing	Aluminium ASTM 6063
end caps	Aluminium alloyed (EN AB 46100)
piston	max. 8 bar (Aluminium alloyed EN AB 46100) optional up to 15 bar (stainless steel)
gear	steel, nickel-coated
screws	stainless steel AISI 304
seal	NBR

installed actuators

DN	Inch	single-action	double acting
8	1/4"	RE051SR	RE051
10	3/8"	RE051SR	RE051
15	1/2"	RE051SR	RE051
20	3/4"	RE064SR	RE051
25	1"	RE064SR	RE051
32	1 1/4"	RE076SR	RE064
40	1 1/2"	RE086SR	RE064
50	2"	RE101SR	RE076
65	2 1/2"	RE126SR	RE101
80	3"	RE161SR	RE101
100	4"	RE161SR	RE116

>> further informations

You will find all further informations at actuator heading

Technical data for valves

Designation	Properties
housing	stainless steel 1.4408 (CF8M)
seat seal	PTFE
shaft seal	PTFE
gland seal (2x)	PTFE
temperature range	-20°C to +180°C
pressure range	PN 63
mounting flange	ISO 5211 (no direct mounting)
connection	female thread

Pressure level

Dimension	PN
DN 8 - DN 50	PN 63
DN 65	PN 40
DN 80	PN 20
DN 100	PN 16

>> further information

You will find all further information at valve heading

Technical data of solenoid valve

(5/2-way solenoid valve, spring reset)

With an adapter plate, this 5/2-way valve can be converted to 3/2-way operation.

Designation	Properties
housing	Aluminium (anodized)
seal	NBR
max. permissible pressure	10 Bar
temperature range	5°C to 60°C
type of protection	IP65
interface	NAMUR
electr. connection	10mm plug acc. to DIN 40050
supply	oiled, filtered compressed air
air connections	G 1/4"

>>further informations

You will find all further information at accessories (solenoid valves) heading

Technical data of limit switch box

Standard limit switch box. Compact feedback unit made of macrolon.

Cover with window or (optionally) with dome.

Mounted with height- and width-adjustable bracket (according to VDI/VDE 3845 - ISO 5211).

Designation	Properties
housing	macrolon (PA)
shaft	Polyamid
type of protection (DIN 40 050)	IP65
ambient temperature	-40°C to +80°C
cable entry	cable gland M20*
cable cross section	8 - 13 mm*
structure	acc. to VDE/VDI 3845 and/or NAMUR

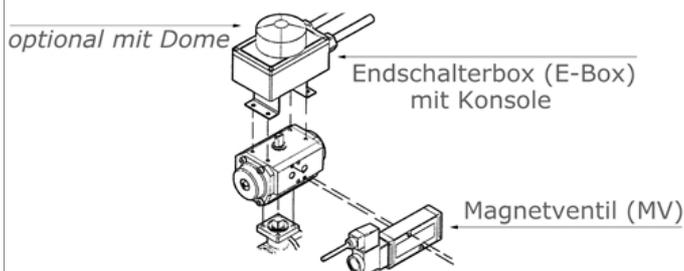
>>further informations

You will find all further information at accessories (position sensor) heading

Versions of accessories equipment

Accessories available in various configurations.

Designation	Version
solenoid valve (MV)	24V DC
	24V AC
	230V AC
limit switch box (LS-Box)	mechanical microswitches
	inductive sensors



Endschalterbox mit
Konsole (E-Box)



Magnetventil
(MV)

