

Open-close ball valves, 2-way,
internal thread

- Make: Effebi
- Version: LYBRA
- With large kvs values
- For open and closed cold and warm water systems



Overview of types

Type	kvs [m ³ /h]	DN	Rp ["]
K225B	39	25	1
K232B	84	32	1 1/4
K240B	156	40	1 1/2
K250B	243	50	2

Technical data

Functional data	Media	Cold and warm water, water with glycol up to max. 50% vol.
	Medium temperature	-15...90°C
	system pressure ps note	see Pressure/temperature diagram
	Differential pressure Δp_{max}	300 kPa
	Angle of rotation	90°
	Pipe connectors	Internal thread according to ISO 7-1
	Maintenance	Maintenance-free
	Materials	
	Valve	Forged, brass body partial nickel-plated
	Ball	Chrome-plated brass
Materials	Spindle	Brass
	Stem seal	O-ring EPDM
	Ball seat	PTFE, O-ring Viton

Installation notes

Motorization K2..B valves can be motorized with standard actuators A) or actuators with emergency control function B). The respective adapter C) is ordered automatically with the actuator.

Ordering example:

K225B + SR230A-R (mounted together)

K225B / SR230A-R (enclosed with required ZS.. adapter)

	A) 	C)	B) 	C)
K225B	SR..A-R	ZSV-09	SRF..A-R	ZSFV-09
K232B	SR..A-R	ZSV-09	SRF..A-R	ZSFV-09
K240B	SR..A-R	ZSV-09	SRF..A-R	ZSFV-09
K250B	SR..A-R	ZSV-09	SRF..A-R	ZSFV-09

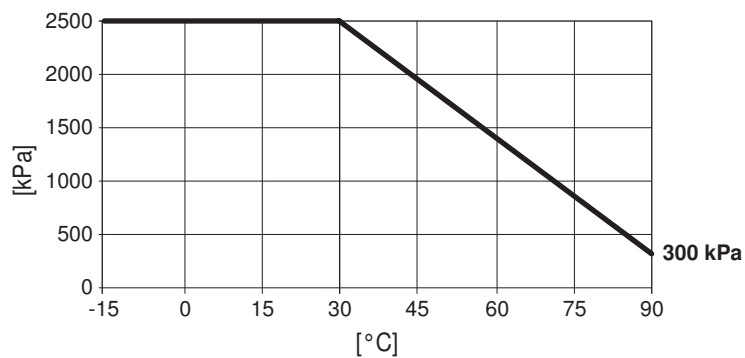
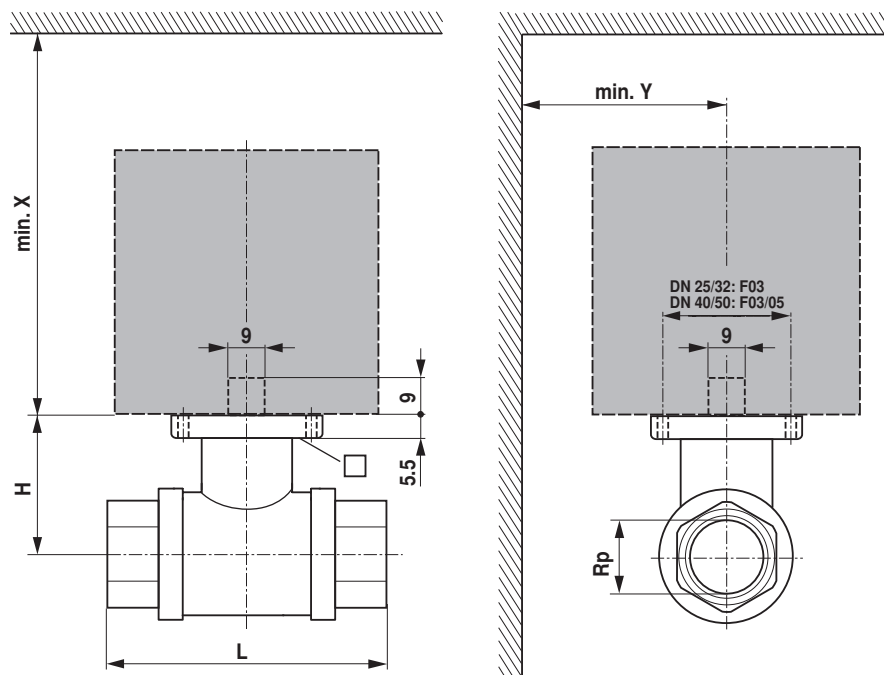
A) Standard actuators

B) Actuators with emergency control function

C) Adapter

Installation notes

Pressure/temperature diagram Approved system pressure (ps), depending on the temperature for the nominal diameters DN 25 to DN 50.


Dimensions / Weight
Dimensional drawings


X/Y: Minimum distance with respect to the valve centre.
The actuator dimensions can be found on the respective actuator data sheet.

Type	DN	Rp ["]	L [mm]	H [mm]	X [mm]	Y [mm]	Weight approx. [kg]
K225B	25	1	84	44	220	90	0.5
K232B	32	1 1/4	97	49	230	90	0.7
K240B	40	1 1/2	108	54	230	90	1.15
K250B	50	2	130	62	240	90	1.8

Further documentation

- Data sheets, actuators
- Mounting instructions, actuators