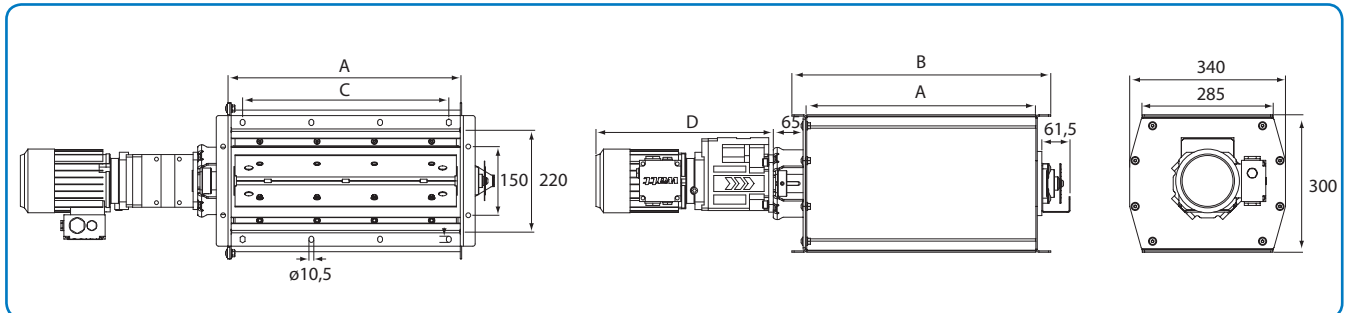


Rotary valve type JK-S/JK-EXS



Dimensional specifications are given in the table below.

Rotary valves type JK-S/JK-EXS are fitted with a 6-bladed rotor with hard-wearing rubber blades bolted to the rotor shaft plate profiles.

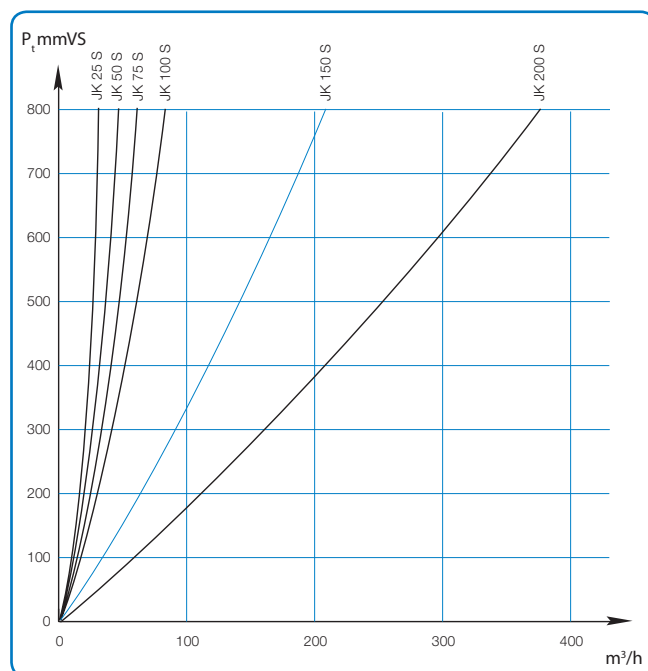


Diagram states loss through rotary valve depending on pressure conditions.

Type	Dimensions				Weight kg
	A mm	B mm	D mm	C mm	
JK-25S	250	315	387	1 × 150	45
JK-50S	500	565	387	3 × 150	59
JK-75S	750	815	387	4 × 150	73
JK-100S	1000	1065	416	6 × 150	94
JK-150S	1500	1565	416	9 × 150	122
JK-200S	2000	2065	416	13 × 150	165
JK-25EXS	250	315	387	1 × 150	47
JK-50EXS	500	565	387	3 × 150	60
JK-75EXS	750	815	387	4 × 150	73
JK-100EXS	1000	1065	416	6 × 150	92

Rotor diameter = ø300 mm

The rotor is separated from the rotor housing by rubber seals. The shaft is suspended on bearings and connected directly to the gear motor. Type JK-200S is also fitted with a safety coupling between rotor and gear motor.

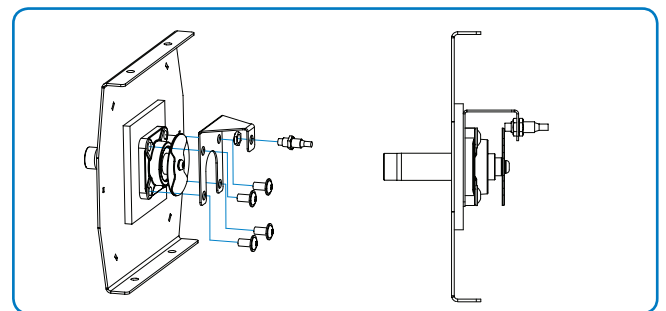
The rotor is made of 2 mm plate and painted with industrial primer. There are two versions:

1. Rotor fitted with neoprene rubber blades for max. temp. 70°C and min. temp. -10°C.
2. Rotor fitted with silicone rubber blades for max. temp. 250°C and min. temp. 60°C.

Rotation sensor

Supplied as standard ready for fitting of rotation sensor.

JK-S rotary valve is ATEX-approved for category 2D. JK-EXS is approved for category 1D safety system, see page 50 ref. EXS control system.



Rotation sensor

Type	Motor output kW	Dimensions		
		Ampere consumption at 400 V	min ⁻¹	Capacity 50% full m³/h
JK-25S/EXS	0.37	0,94	20	10
JK-50S/EXS	0.37	0,94	20	20
JK-75S/EXS	0.37	0,94	20	32
JK-100S/EXS	0.55	1,38	20	42
JK-150S/EXS	0.55	1,38	20	63
JK-200S/EXS	0.55	1,38	20	83