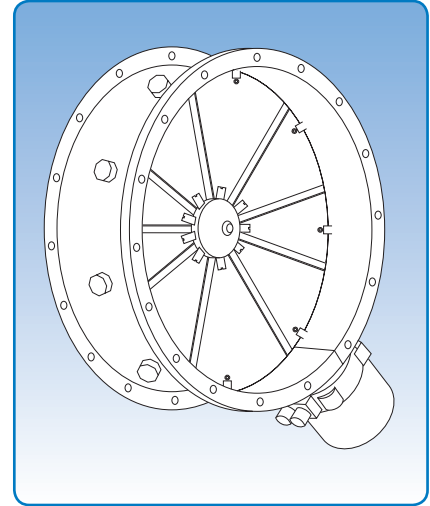
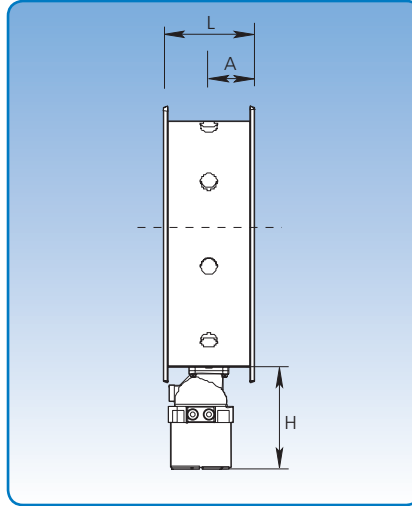
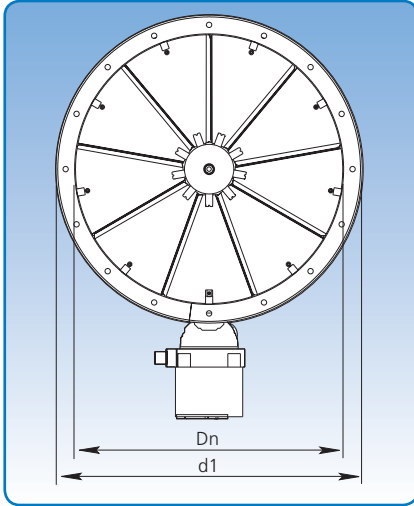


Twist throttles



Dimensional specifications are given in the table below.

A centrally driven twist throttle, type JK-LA, is used to regulate air volume to the fan in the most energy-efficient way.

The twist throttle is mounted directionally with flow in the direction of the arrow. Regulation is achieved by all the twist blades turning synchronously between 0° - 90° to create pre-rotation of the air flow entering the fan. The load on the fan impeller is reduced and consequently power consumption. The JK-LA twist throttle can reduce total energy consumption by up to 40%. The turning mechanism in the hub is designed as a sealed, compact and robust unit with a minimum number of components and extremely low friction. The twist throttle requires no servicing and can be used as a throttle valve.

Types JK-50LA and JK-60LA uses:

Make: Bernard OA3
0.02 kW: 1 x 230 V - 50 Hz

Types JK-70LA, JK-80LA, JK-90LA and JK-100LA uses:

Make: Bernard OA8
0.06 kW: 1 x 230 V - 50 Hz
0.10 kW: 3 x 400 V - 50 Hz

Max. operating temperature: 60°C

Actuator:

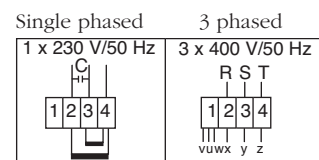
Frame leakage class, all models: IP 67.

Resistance coefficient for fully open twist throttle: 0.25 - 0.5.

The torque stated is based on differential pressure of p = 500 mm WG.

Specific dimensions for flanges can be found under "Flanges".

Power supply:



Type	Dimensions					No. of twist blades	Required torque	Weight kg
	Ø. Dn mm	L mm	A mm	d1 mm	H mm			
JK-50LA	500	220	110	585	240	9	24	26,7
JK-60LA	600	220	110	685	240	9	31	31,3
JK-70LA	700	220	110	795	240	9	41	37,1
JK-80LA	800	245	123	890	240	12	56	43,3
JK-90LA	900	245	123	990	200	12	79	52,6
JK-100LA	1000	245	123	1090	200	12	114	59,2