

Butterfly Valve MAUB.

MAUB -
reduction of the
starting current
of the fan motor.



MAUB butterfly valve.

reduction of starting current of the
fan motor.

Application

The MAUB butterfly valve is applied at the end of an air collection line ahead of the high-pressure fan to reduce the peak current of the fan motor during starting.

Mode of operation

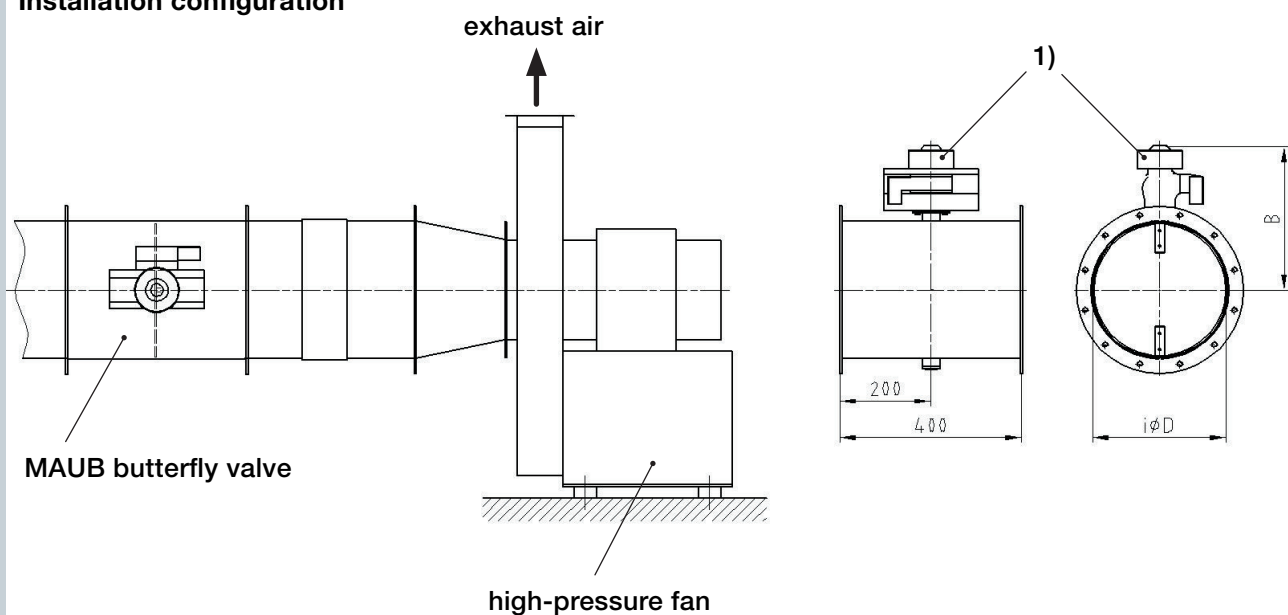
When the motor of the high-pressure fan starts, the butterfly valve is closed. This allows the fan to run up to operating speed rapidly and without having to overcome the resistance of the air. The valve is opened by the control system after about 30 seconds when the operating speed of the motor has been reached, using the rotary actuator.

Features

- Reduction of the starting current of the high-pressure fan motor
- Standard actuator supplied by compressed air from the plant network
- Pneumatic actuation unit available with the common voltages of 24 V DC, 115 V AC and 230 V AC
- Shaft journals run in maintenance-free sliding bearings

Butterfly valve for high-pressure fan.

Installation configuration



1) rotary actuator with 4-10 bar control pressure

Technical data

Type	Dimensions in mm		Approx. Weights in kg			Volume
	ø i D	B	net	gross	seapacked	seapacked m3
MAUB-15	150	223	8	16.5	21	0.07
MAUB-18	180	238	9	18	23	0.08
MAUB-20	200	248	10	20	25	0.09
MAUB-22	220	258	11.5	22	27.5	0.10
MAUB-25	250	273	15	26.5	32	0.12
MAUB-30	300	298	19.5	31.5	38.5	0.14
MAUB-35	350	323	24	37	44	0.15
MAUB-40	400	348	29	44	52	0.17
MAUB-45	450	373	34.5	51	60	0.20
MAUB-50	500	398	40.5	60.5	70.5	0.27
MAUB-55	550	423	47	69	81	0.31
MAUB-60	600	448	55	80	92	0.35
MAUB-65	650	473	62	91	106	0.44