

BUTTERFLY SHUTTERS ON BRASS



The butterfly shutters until $\varnothing 480$ are galvanized or stainless steel made with a modular system that allows to change the way to open them just changing the outside mechanism without taking off the shutters from the aspiration system (manual, equalizer, pneumatic or electric).

The pin movement is on brass and two o-rings air-tight. Standard with edges.

Application of different cylinders from standard to request. Maximum air speed: 35m/s .

AVAILABLE IN ATEX VERSION;

SAFA $\varnothing 80 \div 480$ mm: manual

SAFAM $\varnothing 80 \div 480$ mm: equalizer with spring

SAFAP $\varnothing 80 \div 480$ mm: pneumatic with cylinder

SAFAPM $\varnothing 80 \div 480$ mm: electropneumatic with electrovalve (voltages available 110Vac - 220Vac - 24Vac - 24Vdc)

SAFAE $\varnothing 80 \div 480$ mm: electric with actuator and protection. Opening time 6s.

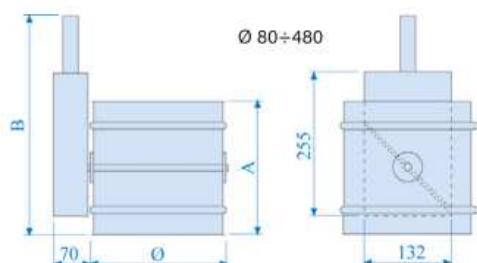
SAFAES $\varnothing 80 \div 480$ mm: electric with servomotor. Opening time 150s.

SAFAEX $\varnothing 80 \div 480$ mm: electric 24Vac/dc. Rapid closing 3,5s.

TECHNICAL DATA

\varnothing	PIN	DIAPHRAGM THICKNESS	TUBULAR THICKNESS	STANDARD MANUAL LEVER	STANDARD PNEUMATIC CYLINDER	ATEX PNEUMATIC CYLINDER	SERVOMOTOR 24V-220V (NO ATEX)	ACTUATOR 24Vdc-220V (NO ATEX)
$\varnothing 80 \div 180$	$\varnothing 10$	2 mm	1 mm	154 mm	$\varnothing 27 \times 100$	ISO 32x100	5 Nm	0Nm
$\varnothing 200 \div 280$	$\varnothing 16$	3 mm	1,2 mm	170 mm	$\varnothing 27 \times 100$	ISO 32x100	5 Nm	450Nm
$\varnothing 300 \div 400$	$\varnothing 16$	3 mm	1,2 mm	170 mm	$\varnothing 35 \times 100$	ISO 40x100	10 Nm	450Nm
$\varnothing 420 \div 480$	$\varnothing 16$	3 mm	1,2 mm	170 mm	$\varnothing 40 \times 100$	ISO 40x100	20Nm	450Nm

Maximum air speed: 35 m/s



Su bronzine / On brass Auf Bronzelagern / Sur Bronze			
\varnothing mm	A	B	Kg
$\varnothing 80/140$	150	310	2,4
$\varnothing 150/180$	170	330	3
$\varnothing 200/220$	220	380	4
$\varnothing 240/260$	250	400	5
$\varnothing 280/320$	300	430	6,6
$\varnothing 340/360$	350	455	8
$\varnothing 380/480$	400	500	10,5

DIAPHRAGM FOR DUST SEAL FOR BUTTERFLY SHUTTERS

