

Butterfly valve with pneumatic rotary actuator

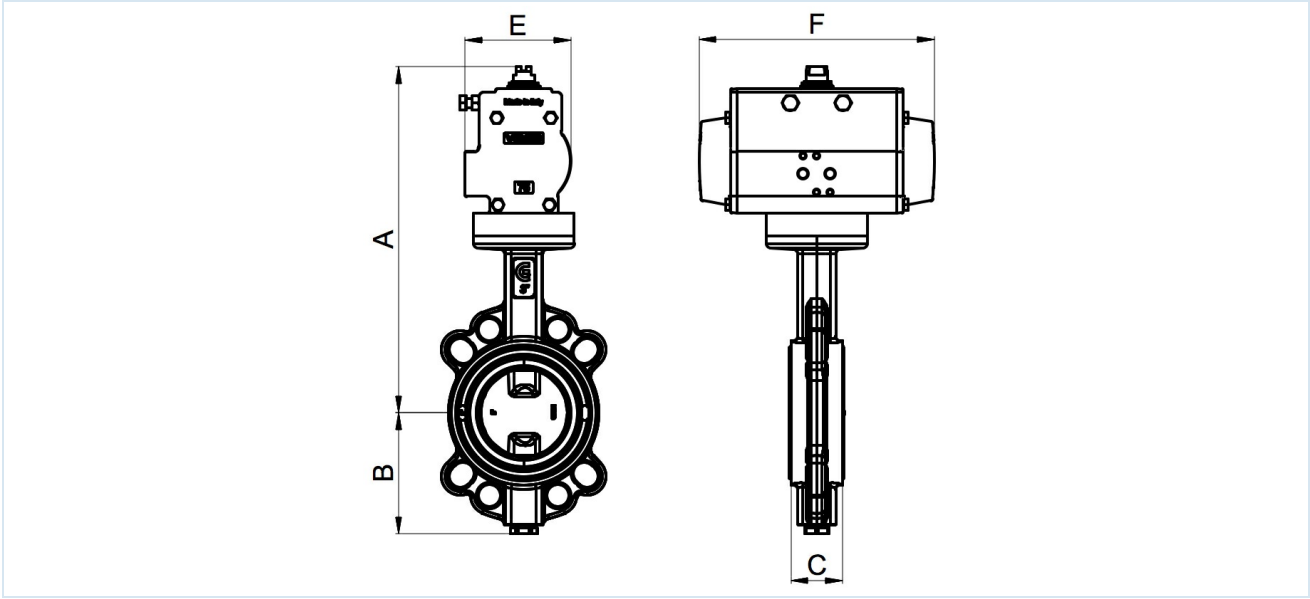
Type BUW4-040-DSTS-S22



Design type	Wafer butterfly valve with two-piece shaft, two-piece housing, Shaft secured against blow-out by circlip, Shaft triple-sealed
Function	single-acting
Connection	Flanges according to EN1092
Flange type	Sandwich mounting version: PN10/PN16/ANSI150
Overall length	according to EN558-1R20
Materials	Actuator: Hard anodized aluminium, Pinion, nickel-plated steel, Piston guide POM, Seals NBR Housing: Ductile iron EN-GJS-400-15 epoxy-coated 40...60µm, Disc Stainless steel 1.4408, Shaft Stainless steel 1.4401 (not in contact with the medium)
Seal ring	PTFE/Silicone, interchangeable, PTFE thickness minimum 2,5mm
Spindle seal	Via the housing lining, so that contact with the housing is avoided. In addition, an O-ring below the head flange protects the shaft against dust ingress from outside and medium leakage from inside.
Sealing at the flange	without additional seals (Housing lining seals directly)
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used
Medium temperature	-10...+190°C lower media temperatures on request
Ambient temperature	-20...+85°C
Operating pressure	0...10bar
Control medium	filtered and lubricated or non-lubricated compressed air
Control pressure	5,5...8bar
Flow direction	any
Mounting type	Installation in rigid piping system between two flanges to EN1092 form 01, 11, 32, 34
Mounting position	any
Approvals	TA-Luft, SIL 3



Dimensions



Nominal size DN[mm]	A	B	C	E	F	Actuator type	Kv value [m³/h]	Weight [approx. kg]
40	295	75	33	106	241	PAS0855	116	8

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Valves, butterfly valves and gate valves - automatically operated / Other materiales - A05 / Butterfly valve with pneumatic actuator Series BUW4-DSTS-S22 / [BUW4-040-DSTS-S22]
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