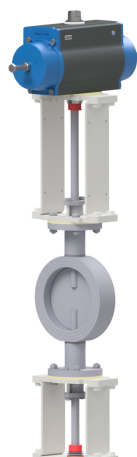
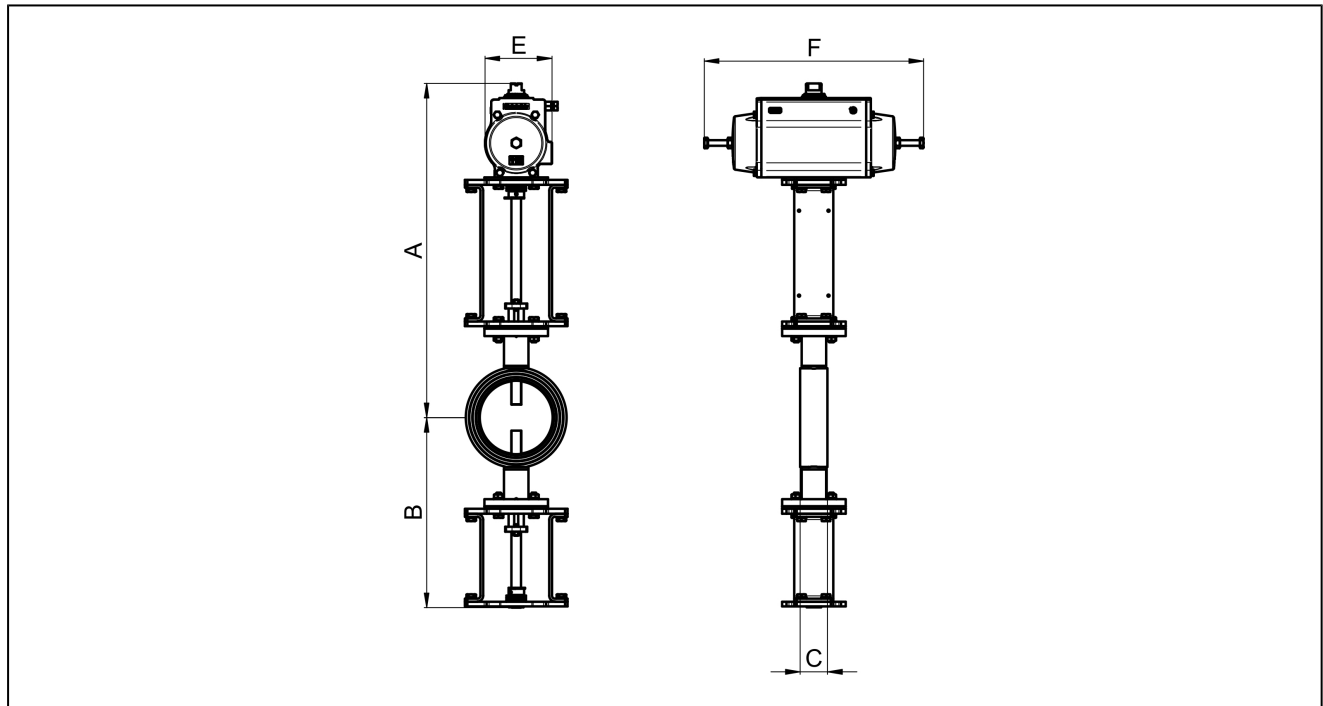


butterfly damper with single acting actuator series BDH2



design	ring-butterfly damper, wafer type butterfly valve with two-piece shaft, shaft with disc riveted and welded, opening between 0 and 90° mechanically adjustable
function	single acting design, NO
connection	flange according to DIN EN 1092-1
form of flange	PN6/10
nominal diameter	DN150, DN200
length	according to EN558-1R20
materials	actuator: hard-anodised aluminum, pinion nickel-plated steel, piston guide POM, seals NBR ring-butterfly damper: body, disc and shaft AISI 314, packing gland adjustable graphite sealing cord, mounting bracket zinc plated steel
application	lubricating or not degreasing liquids or gaseous media, which do not affect the used materials, other media on request
medium temperature	-20...+1000°C
ambient temperature	-20...+85°C
operating pressure	0...500mbar
leakage rate (% of Kvs)	< 1%
control medium	filtered and lubricated or non lubricated compressed air
control pressure	5,5...8bar, adaption for lower control pressures on request
type of fixing	installed into rigid pipework, between two flanges according to EN1092, form 01, 11
mounting position	mounting in horizontal piping
special version	pinion made of stainless steel, ambient temperature -20...+150°C
accessories	mounted manual, pneumatic or electric control valve electric end position signal, I/P or P/P positioner control of moving speed, built in declutchable gearbox for manual operation

dimensions



nominal diameter DN[mm]	max. operating pressure [mbar]	A	B	C	E	F	type of actuator	kv value [m ³ /h]	weight [app. kg]	type wafer
150	500	685	390	56	137	449	PAS115R	1460	40	BDH2-150-S-002
200	500	710	418,5	60	137	449	PAS115R	2200	44,50	BDH2-200-S-001

kvs-values

nominal diameter DN [mm]	Opening angle of the butterfly valve									
	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
150	10	25	55	110	205	350	560	860	1200	1460
200	14	38	90	190	350	600	950	1140	1900	2200

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice