Butterfly check valves with counterweight and oil cylinder flanged PN 25



Art. 5026

Flanges: UNI EN 1092-2 PN 25
Face to face length: EN 558-1, serie 14. DIN 3202 F4
Installation: horizontal / vertical with down-up flow direction.
APPLICATIONS ° Water supply ° Drinking water ° Irrigation plants ° Reservoirs ° Dams ° Pumping stations
Epoxy paiting suitable for drinking water applications.

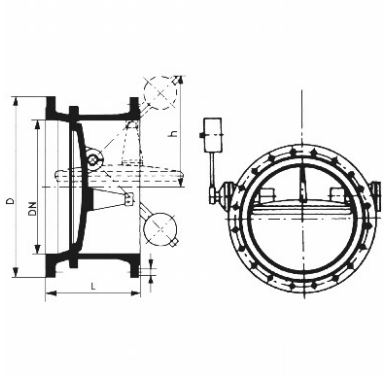
- Fig. 5026A: #150 FF

The butterfly check valves with counterweight and oil cylinder are very reliable as they can regulate the closing time of the valve itself. These valves are applied in pipelines as non-return device, with flow allowed in one direction only. The butterfly check valves with counterweight are double eccentric type with tilting disc, the counterweight lever will facilitate the anti-hammer device and the oil cylinder will slow down the closure movement, to reduce any slam with noise. From DN 900 and up, they come with two counterweight levers and two oil cylinders, one on each side of the valve. Epoxy coated inside and outside, the double flanged butterfly valves can be installed in drinking water plants. NBR gasket seals are on the disc and can be replaced without dismantling the valves from the pipeline.

Materials

body - disc	ductile iron GGG50, EN-GJS-500
disc seat ring	NBR + stainless steel 304
O ring	NBR
counterweight and lever	steel + iron
cylinder	steel
hinge pins	stainless steel X 20 CR 13
painting	epoxy 250 mcr min.

Dimensions



DN	L mm.	D mm.	Weight kg.
200	230	360	71
250	250	425	96
300	270	485	106
350	290	555	146
400	310	620	196.5
450	330	670	210
500	350	730	310
600	390	845	360
700	430	960	520
800	470	1085	650
900	510	1185	910
1000	550	1320	1200
1200	630	1530	2000
1400	710	1755	3210
1600	790	1975	5302
1800	870	2195	7700

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	80°C
200-1800	25	3,75	2,75	2,5

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