# **Gearbox Spares for Butterfly Valves**

Weights:	3kg - 43kg
Sizes:	DN 50 - 600
Pressure:	PN16
Temperatures:	-10°C to 120



### Application

Butterfly valve gearboxes operate and control the opening and closing of butterfly valves. With interchangeable EPDM and Nitrile liners, Valvetech is able to offer its customers the right gearbox spares for Butterfly Valves, their configuration, and setup to suit every industry need.

Valvetech's gearbox spares for Butterfly Valves are designed to efficiently transmit torque and motion from the actuator or handwheel to the valve disc, allowing for precise regulation of fluid flow.

The distinctive design of butterfly valves, with a flat, circular disc positioned within the pipe, offers low-pressure drop and quick on-off capabilities. The gearbox enhances this functionality by providing the necessary mechanical advantage to smoothly rotate and position the disc. They offer reliability, compactness, and ease of maintenance, making them suitable for applications ranging from water treatment plants to HVAC systems, and even in the oil and gas industry.

The selection of the appropriate gearbox depends on factors such as the valve size, operating conditions, and required control precision, ensuring seamless and efficient fluid flow management across diverse sectors.

### Dimensions

#### DN50 - DN400

NPS	DN			H1	H2	C1	C2	С3	ød
2" - 6"	50	125	98	62	29	142	195	45	140
8" - 10"	200	165	170	78	37	196	280	64	270
12" - 14"	300	185	173	78	39	180	315	78	270
16"	400	260	238	99	53	245	373	108	380

## Specifications

#### **Services**

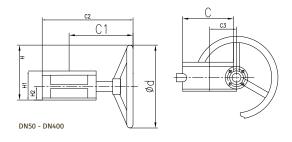
Water, Oil, Gas, Steam

#### Industries

Chemical Industries, Food Industries, Gasses and Oils, Heating and Conditioning (HVAC), Medical Industries, Power Plants, Utility Lines, Water Treatment and Distribution

#### **Priority Media**

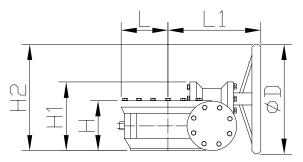
Acetylene, Ammonium Bicarbonate, Cement (dry), Diesel, Epsom Salts, Ethylene Glycol, Fertilizer Solutions, Flour (dry), Gasoline, Grease, Hydrogen Gas, Lard, Linseed Oil, Mercury, Nitrogen, Oil, Oxygen, Plastics (dry), Steam, Sulphur Dioxide (dry), Sugars (dry), Waxes

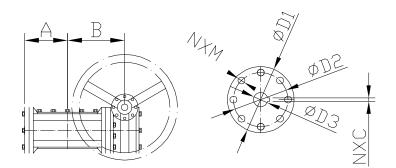


#### DN50 - DN400

NPS	DN	А	В	L	L1	ød	Н	H1	H2	øD1	øD2	øD3	NXM	NXC
16	400	112	162	105	235	263	105	150	240	200	159	ø33.5	4 x M18 ; 90°	10
18	450	112	162	105	235	263	105	150	240	200	159	ø38.4	4 x M18 ; 90°	10
20	500	112	162	105	235	263	105	150	240	200	159	ø41.5	4 x M18 ; 90°	10
24	600	152	211	135	295	380	127	175	315	285	216	ø50.8	4 x M20 ; 90°	16
28	700	164	229	148	330	380	135	213	350	300	254	ø63.5	8 x M16 ; 90°	2 x 18

### Diagrams





DN400 - DN700