

BF1SE Series



Pettinaroli Butterfly Valves

TECHNICAL SPECIFICATIONS

Shut-off LUG butterfly valve for HVAC (heating and cooling), water treatment and distribution (no drinking water). Ductile iron body. Integrated support ISO 5211 for actuators assembling.

Body	Ductile iron EN GJS 400-15
Disc	Stainless steel AISI 316
Stem	Stainless steel AISI 420
Liner	EPDM
Bushing	PTFE
Washer	Galvanized carbon steel
Circlip ISO 3075	Spring steel
O-Rings	FKM
Lever	Aluminium (DN25-DN150) Ductile iron EN GJS 400-15 (DN200-DN250)

BF1SE



Recommended working temperature/pressure limits

Temperature	Min °C	Max °C Continuous	Max °C Peak
EPDM	-10	120	130

Nominal pressure	Between flanges	End line	Fluids
DN25-DN400	16 bar	10 bar	Water / water+glycol 30%
DN450-DN600	10 bar	6 bar	

DN	40	50	65	80	100	125	150	200	250
Kv (operating angle 90°)	79	99	169	261	518	883	1364	2708	4611
PN	16	16	16	16	16	16	16	16	16
Operatin torque (Nm) DP 16 bar	9.2	13	21	28	44	68	99	162	257

From DN300 to DN1200 available on request (with gear box, not included).

ACCESSORIES

0BF1G



All valves from DN40 to DN250 are supplied with a maneuvering lever. From DN300 to DN1200 the valves can be operated only with gearbox sold as accessory also for lower DN.



Via Pianelli, 38 - 28017 San Maurizio d'Opaglio (NO) - ITALY
Tel. +39 0322 96217 - Fax +39 0322 96546
info@pettinaroli.com - www.pettinaroli.com