

FIG · 3246–DIN 3352 F4

NRS Gate Valve, Resilient Seated Size DN50–DN600 PN16

Specifications

- Valves comply with EN1171–2002, MSS SP–70.
- Resilient Sealing.
- Inside screw.
- Superior stem packing with three O-rings, one primary O-ring seal, and dust seal.
- Packing replaceable under pressure.
- High Strength Thrust collar.
- Available with handwheel or gearbox (bevel gearbox or spur gearbox).
- Available with flanges EN1092–2 PN10 or PN16, ANSI B16.1 Class 125 (Other types available on request).
- Face to face length in accordance with EN558–1 basic series 3, ASME B16.10–2000, DIN3202–F4 and F5.

Working Pressure

- 16 bar.

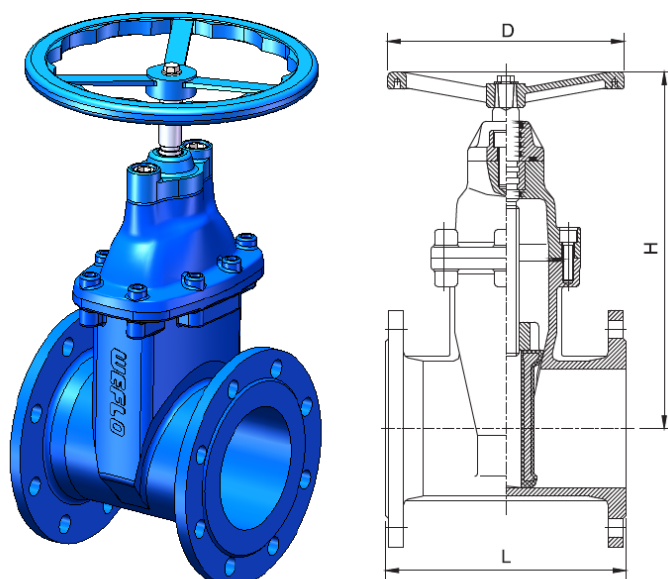
Working Temperature

- -10°C to 120°C.

Material Specifications

Part Name	Materials	EN Spec.	ASTM Spec.
Body	Ductile Iron	EN-JS1050	ASTM A536 65–45–12
Bonnet	Ductile Iron	EN-JS1050	ASTM A536 65–45–12
Wedge	DI with EPDM Coated	EN-JS1050	ASTM A536 65–45–12
Thrust Collar	Brass	2874 CZ 124	B16 C36000
Stem Nut	Brass	2874 CZ 124	B16 C36000
Stem	Stainless Steel	BS970 420S37	AISI 420
O-Ring	EPDM	Commercial	Commercial
Gasket	EPDM	Commercial	Commercial
Gland	Ductile Iron	EN-JS1050	ASTM A536 65–45–12
Wrench Nut	Ductile Iron	EN-JS1050	ASTM A536 65–45–12
Handwheel	Ductile Iron	EN-JS1050	ASTM A536 65–45–12

Schematic



Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

Design and material are subject to change without notice.

Dimensions (mm)

Size	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	150	170	180	190	200	210	230	250	270	290	310	330	350	390
H	240	255	280	305	380	417	525	621	711	905	980	1115	1190	1340
D	175	175	255	255	305	305	355	405	405	558	558	610	610	762
Weight (kg)	13	15	18	22	29	38	60	97	130	198	255	363	464	672