

# For Commercial and Industrial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Representative \_\_\_\_\_

## Series F-502 / EF-502

Class 125 / PN16

Flanged Ends PN 16 or ANSI B16.1 Class 125

Sizes : 2" - 24" (50mm - 300mm)

Watts series F-502 PN16 class Gate Valves comply with BS EN1171-2002 and MSS SP-70 and feature a non rising stem, bronze trim.

### Features

- Non-Rising Stem.
- Bolted Bonnet.
- Bronze Trim
- 2"-12" (50-300mm Flanged PN 16 or ANSI B16.1 Class 125

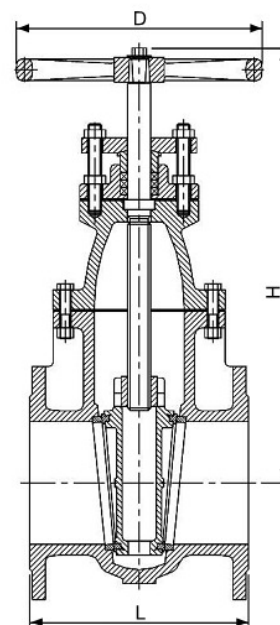
### Pressure - Temperature

- PN16 for EN1171 valves.
- 200 psi for MSS SP-70 valves



## Materials List

Description	Material	ASTM	BS EN
Body	Cast Iron	ASTM A126 Class B	EN-JL 1040
Body Trim	Bronze	ASTM B62	EN 1982 CC491K
Wedge Trim	Bronze	ASTM B62	EN 1982 CC491K
Wedge	Cast Iron	ASTM A126 Class B	EN-JL 1040
Wedge Nut	Bronze	ASTM B62	EN 1982 CC491K
Stem	SS	AISI 420	BS970 420S37
Bonnet	Cast Iron	ASTM A126 Class B	EN-JL 1040
Gasket	Graphite	Non-asbestos	Non-asbestos
Stuffing Box	Cast Iron	ASTM A126 Class B	EN-JL 1040
Packing	Graphite	Non-asbestos	Non-asbestos
Handwheel	Cast Iron	ASTM A126 Class B	EN-JL 1040



### Specifications

Valves shall be cast iron and comply with EN1171-2002 or MSS SP-70 Type 1. Valve shall be pressure rated to 16 Bar, and have flanged ends to EN1092-2 PN 16 or ANSI B16.1 Class 125. Valve shall have a non rising stem, bolted bonnet bronze trim and solid wedge.

	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L (mm)	178	191	203	229	254	267	292	330	356
H (mm)	327	322	340	420	477	542	668	750	835
D (mm)	190	190	190	250	305	305	356	405	457
Kg	20	23.5	28.4	48.2	68	81.1	135	213.2	313.6

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