

All Bray valves are pressure tested to 110% of rated pressure to assure bubble tight shutoff.



SERIES 31H

2"-20" (50mm-500mm)

Series 31H Lug valves are drilled and tapped to meet ASME Class 125/150 and PN16 flanges. Series 31H Valves will not be automated.

PRESSURE RATINGS

BIDIRECTIONAL BUBBLE-TIGHT SHUT OFF & DEAD-END SERVICE

2-20" (50-500mm) 250 psi (17.2 Bar)

BODY: 250 psi (17.2 Bar) CWP

VELOCITY LIMITS For On/Off Services:

Fluids 30 ft/sec (9 m/s) Gases 175 ft/sec (54 m/s)

STANDARD MATERIALS SELECTION 31H

Body Cast Iron
Ductile Iron

Disc Aluminum Bronze
Nylon 11 Coated Ductile Iron
316 Stainless Steel

Stem 416 Stainless Steel

Seat Bonded EPDM
Bonded BUNA-N

Material availability depends on valve size & series. Other materials are available. Please consult your local Bray representative for your specific application.

STANDARD MATERIALS SELECTION S30/31

NAME MATERIAL

Body Cast Iron
Ductile Iron
Carbon Steel
Aluminum

Disc Aluminum Bronze
Coated Ductile Iron
Nylon 11 Coated Ductile Iron
Halar® Coated Ductile Iron
304 Stainless Steel
316 Stainless Steel
Duplex Stainless Steel
Super Duplex Stainless Steel
Hastelloy®

Stem 416 Stainless Steel
304 Stainless Steel
316 Stainless Steel
Monel K500

Seat BUNA-N – Food Grade
EPDM – Food Grade
FKM*
White BUNA-N – Food Grade
Bonded EPDM
Bonded BUNA-N

Material availability depends on valve size & series. Other materials are available. Please consult your local Bray representative for your specific application.

*FKM is the ASTM D1418 designation for Fluorinated Hydrocarbon Elastomers (also called Fluoroelastomers).
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