

Technical Data Body-Style Butterfly Valve Screwed End and Grooved End

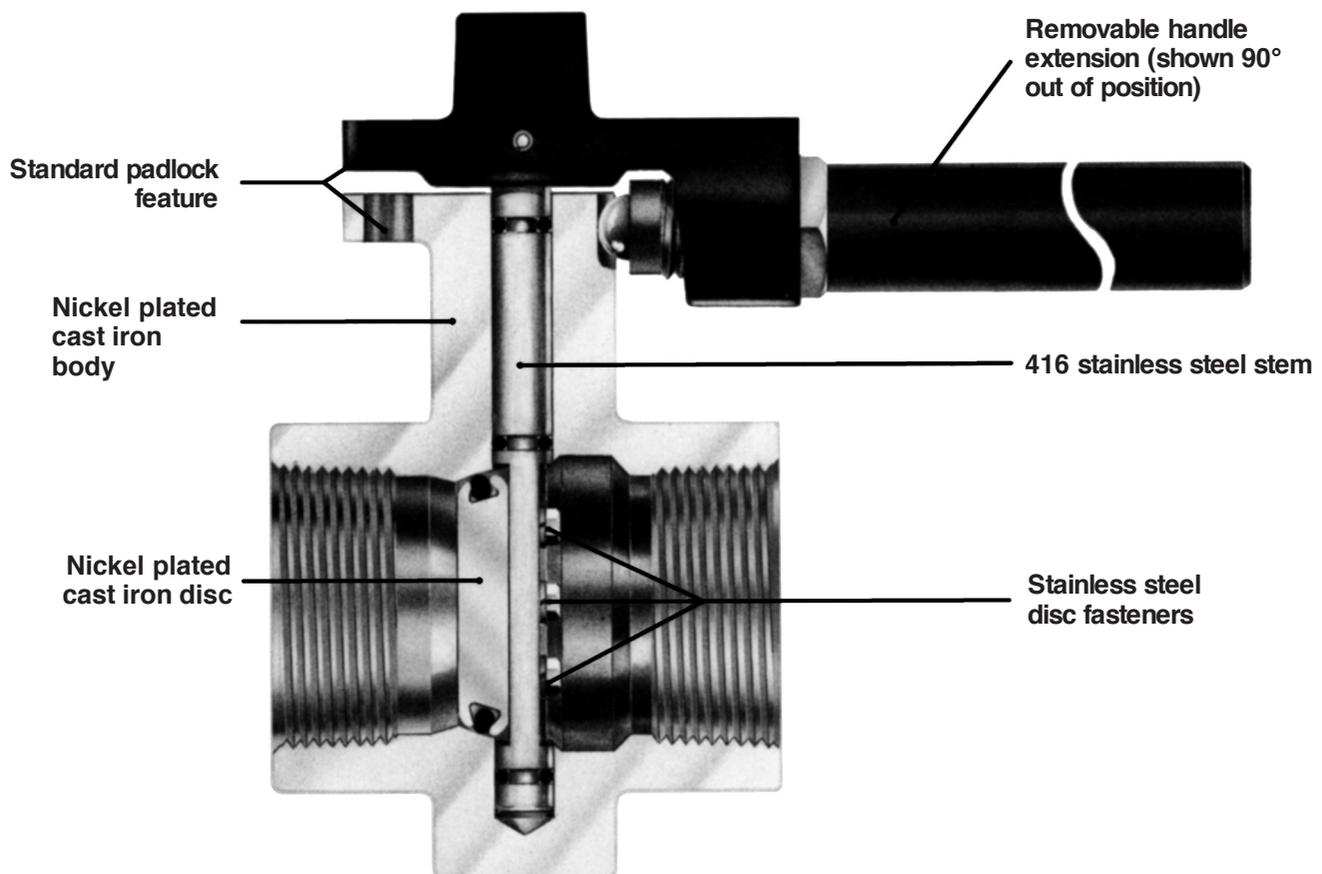
Homestead Figure 60 Screwed End and Figure 65 Grooved End, pressure sealed body-style butterfly valves are designed to regulate the flow of liquids, gases and air suspended solids through a wide variety of piping systems. They may be used for oil drilling rigs, bulk carriers, fresh water systems, tank battery hookups, hydraulic oil systems, and other low pressure shutoff applications.

The standard material for bodies and discs of Homestead body-style valves is nickel plated cast iron. The standard material for the stainless stem is 416 SS. The

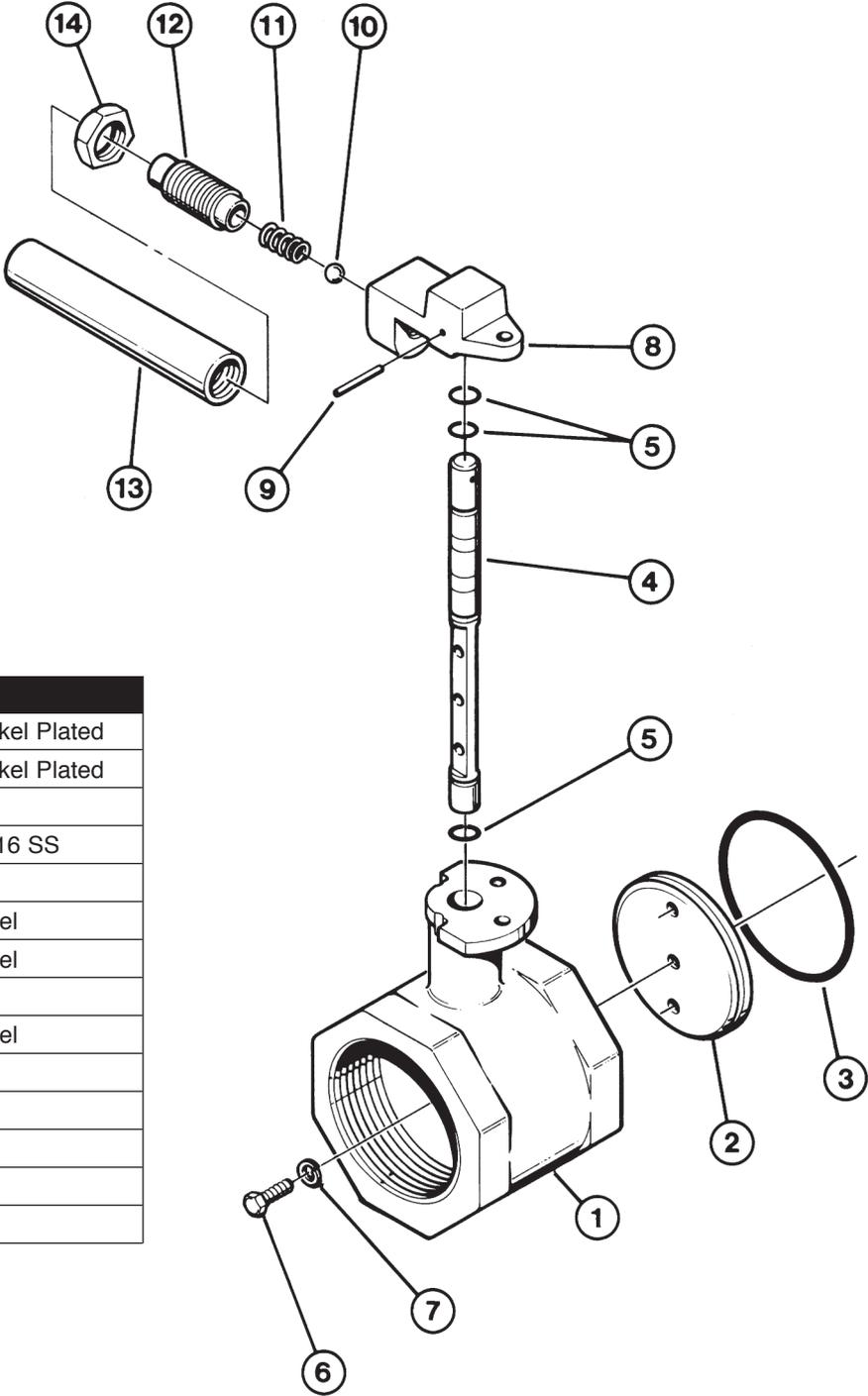
cast iron valve handles have been reinforced to endure high torque stresses without cracking, and positive stem stops insure that the valve is in the fully open or fully closed position. Matching padlock flanges allow the valves to be conveniently and effectively padlocked at the interface of the valve body and the handle.

Each Homestead body-style butterfly valve is hydrostatically tested to 150 psig. The patented pressure seal O-ring design seat insures positive shutoff in high pressure operation. A safety shear pin placed between the stem and

the handle prevents damage to the valve in the event of a line obstruction. The handle extension provided on the basic valve may be removed and the square top cast on the iron handle utilized for wrench operation in tight installations. Stem and disc o-rings of various materials may be ordered for valves used under different operating temperatures and service conditions. The stem o-rings seal the stem and journal while keeping the line fluid out of the body stem cavity. Both stem and disc o-rings are field replaceable when necessary.



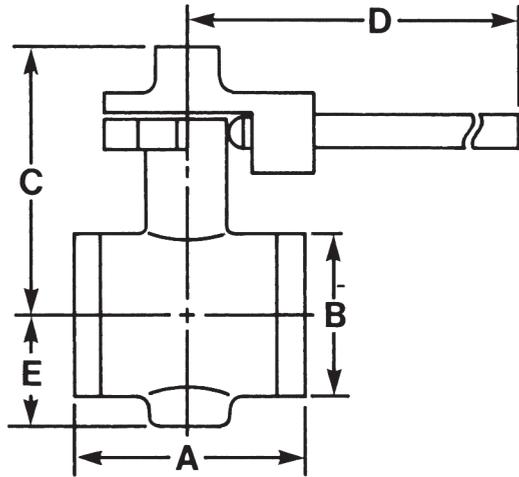
150 W.O.G.



Bill of Materials

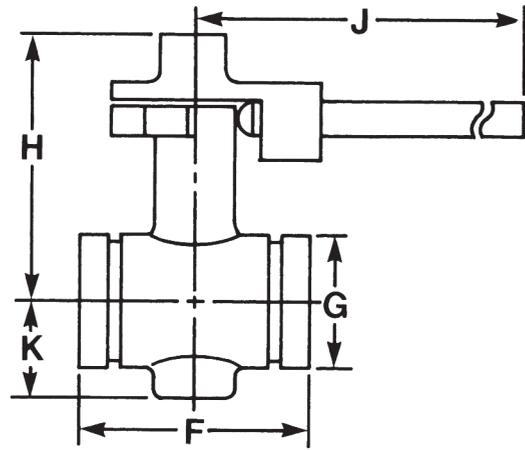
ITEM	QTY.	PART NAME	MATERIAL
1	1	Body	Cast Iron Nickel Plated
2	1	Disc	Cast Iron Nickel Plated
3	1	Disc "O" Ring	Buna N
4	1	Stem	A276 Type 416 SS
5	3	Stem "O" Ring	Buna N
6	AR	Cap Screw	Stainless Steel
7	AR	Lock Washer	Stainless Steel
8	1	Handle	Cast Iron
9	1	Pin	Stainless Steel
10	1	Ball	Steel
11	1	Spring	Spring Steel
12	1	Stub	Steel
13	1	Extension	Steel
14	1	Jam Nut	Steel

FIGURE #60



SCREWED END (N.P.T.)

FIGURE #65



GROOVED END

Dimension Data

SIZE	2"	3"	4"
A	4½	5⅛	5⅞
B	3	4⅞	5½
C	4⅞	6¼	6⅞
D	8	8	8
E	2⅝	2⅞	3¾
F	4	4½	5⅞
G	2⅜	3½	4½
H	4⅞	5⅞	6⅞
J	8	8	8
K	2⅝	2⅞	3¾
VIC COUPLING	75 or 77	75 or 77	75 or 77

Weight (in pounds)

SIZE	2"	3"	4"
FIG. #60	8	12	18
FIG. #65	5	8	16

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