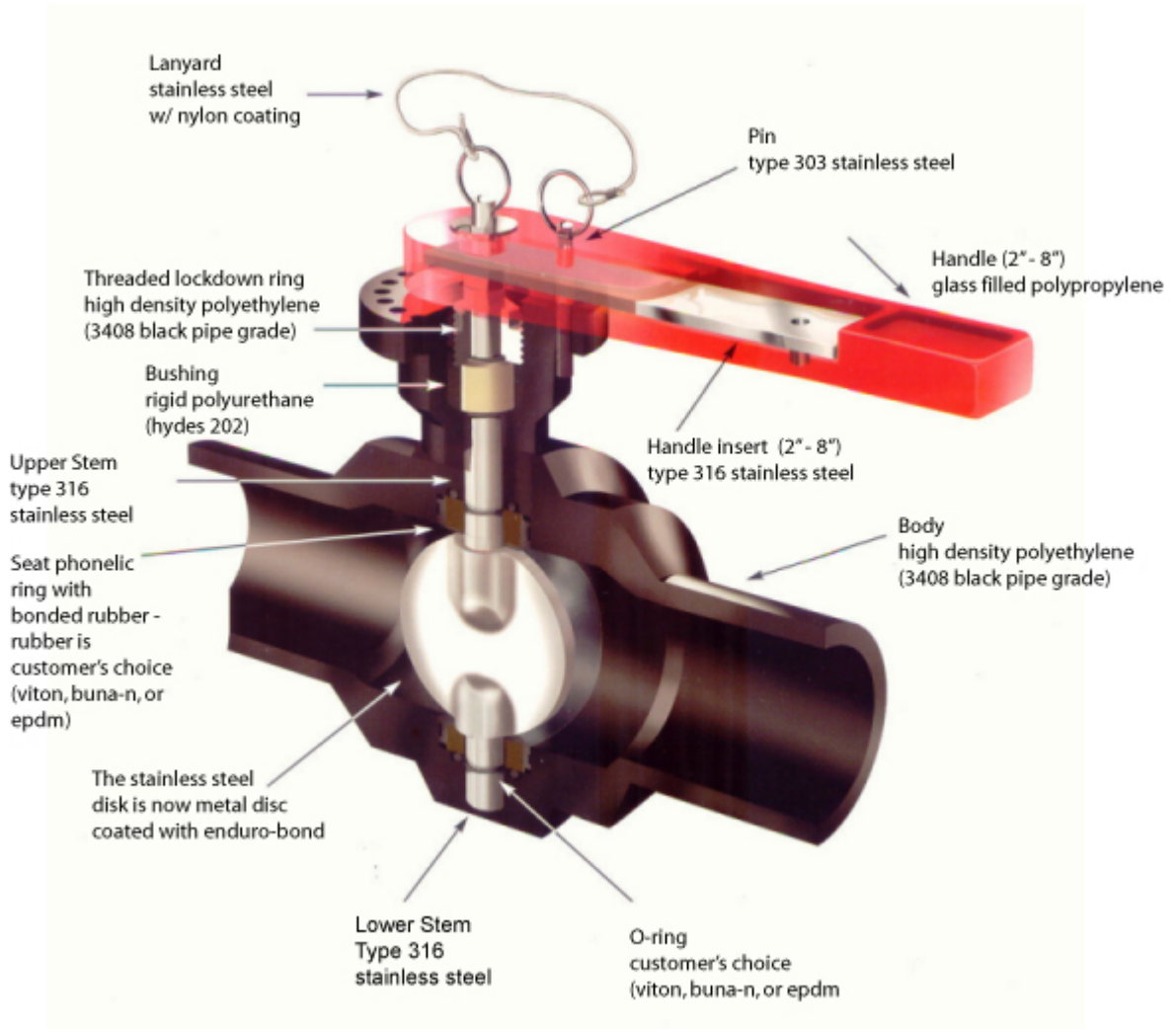


TIME SAVER™ BUTTERFLY BUTT-FUSE VALVE



16	26.50	15.24	13600	0.10	11.0	44.00	*42.38	290	16	1.391
18	30.00	17.15	18000	0.084	11.88	50.00	48.13	535	18	1.636

Cv values are estimated.

* Includes gear operator and 18" handwheel

**DIPS sizes are available

*** METRIC sizes are available on for Butt-Fuss

****Number of feet of pipe with the same pressure drop as experienced across the valve at 10 ft./sec.

SIZES AVAILABLE FROM 18" - 24" ON SPECIAL ORDER

Reduced Port

Size IPS**	Body OD (Inches)	Disc OD (Inches)	Cv@ 90°	Δ P psi Valve @ 10 Ft./Sec	Equiv Lg. SDR11 Pipe-Ft.****	Valve Length (Inches)	Height (Inches)	Weight (Lbs)	Pipe End O.D. (Inches)	Pipe End Minwall SDR-11 (Inches)
3	5.00	2.27	145	1.90	38.8	12.50	9.00	4.5	3.5	0.318
4	6.37	3.31	325	1.00	28.2	12.50	10.50	11	4.5	0.409
6	8.40	4.17	590	1.40	62.7	18.00	12.50	18	6.625	0.602
8	10.35	6.06	1950	0.40	22.4	20.50	15.00	28	8.625	0.784
10	15.00	7.85	3250	0.30	25.0	24.00	20.00	65	10.75	0.977
12	17.75	9.77	5000	0.50	25.5	29.00	23.00	118	12.75	1.159
14	20.58	11.81	7500	0.20	18.3	33.00	26.00	149	14	1.217
16	22.50	13.20	10000	0.20	20.5	37.00	*37.42	198	16	1.391
18	26.50	15.24	13600	0.15	20.3	44.00	*42.38	310	18	1.636
20	30.00	17.15	18000	0.128	20.46	50.00	46.13	567	20	1.818

- Body: High Density Polyethylene
Cell Class PE345444C - ASTM D 3350
1600psi HDB at 73° F - ASTM D 2837
ESCR > 10000 hours - ASTM D 1693
Tensile Strength = 3500 psi - ASTM D 638
- Handle:
10" - 12", forged type 316 stainless steel.
14" & up, gear operated with hand wheel.
- Disk: Stainless Steel Type 316
Yield Strength > 30,000psi
- Stem: Stainless Steel Type 316
Yield Strength > 30,000psi
- Seats:
EPDM - Standard
Buna N - Optional
Viton - Optional
Other materials on special request
- Pressure Rating: All Sizes
160psi Maximum Non-Shock Service @ 73°F
Seating to bubble tight shut-off
- Tests:
Every valve is performance tested per MSS SP-67 Type I
(no leak allowed) requirements and leakage tested per AWWA
C 504 @ 160psi and 73°F