

Materials of Construction

Item	Description	Material
A1	Body	304 Stainless Steel, ASTM A351 CF-8 316 Stainless Steel, ASTM A351 CF8M
A2	Packing	MSP - Square Braided PTFE Impregnated Synthetic Fiber to 500°F (260°C) (pH Range 4-10)
A3	Gate	304 Stainless Steel, ASTM A240 316 Stainless Steel, ASTM A240
A4	Gland	316 Stainless Steel, ASTM A351 CF-8M
A6	Nut	18-8 Stainless Steel
A7	Screw	18-8 Stainless Steel
A8	Seat	EPDM - Terpolymer of Ethylene, Propylene and a Diene to 250°F (122°C) NBR - Acrylonitrile-Butadiene to 180°F (83°C) FKM - Fluoro Rubber to 400°F (204°C)
A9	Seat Retainer	304 Stainless Steel, ASTM A240 316 Stainless Steel, ASTM A240
B1	Handwheel	Cast Iron, ASTM A126 Class B
B2	Retainer	304 Stainless Steel, ASTM A351 CF-8
B3	Handwheel Nut	Carbon Steel, Zinc Plated
B4	Stopper	304 Stainless Steel, ASTM A276
B5	Stem Nut	Aluminum Bronze, ASTM B148 C95200
B6	Stem	304 Stainless Steel, ASTM A276
B7	Yoke	316 Stainless Steel, ASTM A351 CF-8M
B8	Screw	18-8 Stainless Steel
B9	Nut	18-8 Stainless Steel
B10	Screw	18-8 Stainless Steel
B11	Nut	18-8 Stainless Steel
B12	Screw	18-8 Stainless Steel
B13	Lock Nut	18-8 Stainless Steel
B14	Data Plate	18-8 Stainless Steel
B15	Pop Rivet	316 Stainless Steel, A240
B16	Grease Fitting	Brass
B17	Nut	Carbon Steel, Zinc Plated
B18	Thrust Bearing	High Carbon Chromium Steel, AISI 52100
B19	Retainer Cap	304 Stainless Steel, ASTM A276

