

# Materials of Construction

Item	Description	Material
A1	Body	Ductile Iron, ASTM A395, Grade 65-45-15
		Carbon Steel, ASTM A36
		316 Stainless Steel, ASTM A240 Type 316
		2205 Duplex Stainless Steel, ASTM A240/A276/789, Type 2205 Duplex Stainless Steel
A2	Gate	316 Stainless Steel, ASTM A240 Type 316
		17-4 PH Stainless Steel H900 Heat Treated, ASTM A564
		2205 Duplex Stainless Steel, ASTM A276
		316 Stainless Steel, ASTM A240 Type 316 with a hardened nickel based non-stick coating
		17-4 PH Stainless Steel H900 Heat Treated, ASTM A564 with a hardened nickel based non-stick coating
A3	Sleeve	2205 Duplex Stainless Steel, ASTM A276 with a hardened nickel based non-stick coating
		NR - Natural Rubber to 177°F (80°C)
		HNBR - Hydrogenated Acrylonitrile Butadiene to 300°F (150°C)
A4	Top Seal	EPDM - Terpolymer of Ethylene, Propylene & a Diene to 250°F (120°C)
		HNBR - Hydrogenated Acrylonitrile Butadiene to 300°F (150°C)
A5	Top Seal Plate	Carbon Steel, ASTM A36
A6	Washer	Carbon Steel, Zinc Plated
A7	Lock Washer	Carbon Steel, Zinc Plated
A8	Screw	Carbon Steel, Zinc Plated
A9	Grease Fitting	Stainless Steel
A10	Drain Gasket	Aramid/Inorganic Fiber with NBR Rubber Binder, ASTM F104, Type F712120, A9B3E12K5L151M6 (Optional)
A11	Drain Plate	Carbon Steel, A36 (Optional)
A12	Washer	Carbon Steel, Zinc Plated
A13	Lock Washer	Carbon Steel, Zinc Plated
A14	Screw	Carbon Steel, Zinc Plated

