

METER TYPES

SP - STANDARD PETROLEUM

For metering refined petroleum products such as Gasoline, Fuel Oils, Diesel, Bio-Diesel, Kerosene, Vegetable Oils, Soy Oil, Motor Oils, Ethylene Glycol (Antifreeze), etc.

SPA - STANDARD PETROLEUM / AVIATION FUEL

For metering refined petroleum products such as Aviation Gasoline, Jet Fuels, Gasoline, Fuel Oils, Diesel, Bio-Diesel, Kerosene, Vegetable Oils, Soy Oil, etc.

SPD - STANDARD PETROLEUM / DUCTILE IRON CONSTRUCTION

For metering refined petroleum products such as Aviation Gasoline, Ethanol Blends, Methanol Blends, Gasoline, Fuel Oils, Diesel, Bio-Diesel, Kerosene, Vegetable Oils, Soy Oil, etc.

IP - INDUSTRIAL PRODUCTS

For metering Industrial Chemicals, General Solvents and many other liquids; such as Liquid Sugars, Corn Syrup, Soy Bean Oil, Shortenings, Latex Products, Adhesives, etc.

IC – INDUSTRIAL PRODUCTS / CARBON BEARINGS

For metering Industrial Chemicals, General Solvents, Water and other Non-lubricating Liquids, such as Alcohol, Acetones, Ethanol, Naphtha, Xylene, MEK, Toluene, Deionized Water, Demineralized Water, Potable Water, etc.

AF - ALL FERROUS

For metering Pesticides, Nitrogen Solutions, Fertilizer, Chlorinated Solvents, Paints, Inks, Alcohols, Adhesives, Motor Oils, Molasses, Corn Syrup, Liquid Sugars, Deicing Fluids, etc.

SS - STAINLESS STEEL

For metering all the same liquids as the SP, SPA, SPD, IP, IC and AF flow meters, but includes special handling fluids such as Nitric, Phosphorus and Glacial Acetic Acids, Anti-Icing Fluids, Vinegar, Fruit Juices, etc.

SSD - STAINLESS STEEL / DIESEL EXHAUST FLUID (DEF)

For metering Diesel Exhaust Fluid (DEF) / Adblue / AUS 32 / ARLA 32

682 PISTON METER - MATERIALS OF CONSTRUCTION

Type	Housing	Internals	Piston Cups	Housing Seals
SP	Anodized Aluminum	Cast Iron, Steel & SS	TFE (Rulon)	FKM
SPA	Anodized Aluminum	Ni-Resist & SS	TFE (Rulon)	FKM
SPD	Ductile Iron	Cast Iron, Steel & SS	TFE (Rulon)	Simriz® & PTFE
AF	Ductile Iron	Cast Iron, Steel & SS	TFE (Rulon)	Simriz® & PTFE
SS	316 Stainless Steel	316 Stainless Steel	TFE (Rulon)	Simriz® & PTFE
SSD	Stainless Steel	Stainless Steel & Ryton	TFE (Rulon)	EPDM

700 ROTARY METER - MATERIALS OF CONSTRUCTION

Type	Housing	Rotors	Journals	Bearings	Bearing Plates	Timing Gears	Seals
SP	Anodized Aluminum	Anodized Aluminum	Treated SS	Ni-Resist	Ni-Resist	Stainless Steel	FKM
SPA	Anodized Aluminum	Anodized Aluminum	Treated SS	Carbon Graphite	Ni-Resist	Stainless Steel	FKM
SPD	Ductile Iron	Ni-Resist	Treated SS	Carbon Graphite	Ni-Resist	Stainless Steel	Simriz® & PTFE
IP	Anodized Aluminum	Anodized Aluminum	Treated SS	Ni-Resist	Stainless Steel	Stainless Steel	Simriz® & PTFE
IC	Anodized Aluminum	Anodized Aluminum	Treated SS	Carbon Graphite	Ni-Resist	Stainless Steel	Simriz® & PTFE
AF	Ductile Iron	Ni-Resist	Treated SS	Carbon Graphite	Ni-Resist	Stainless Steel	Simriz® & PTFE
SS	316 Stainless Steel	316 Stainless Steel	Treated SS	Carbon Graphite	316 Stainless Steel	316 Stainless Steel	Simriz® & PTFE
SSD	Stainless Steel	Stainless Steel	Treated SS	Ryton	Ryton	Stainless Steel	EPDM

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