

HIGH PRESSURE METERING VALVES

10,000 PSI TO 60,000 PSI RATED

PRECISE METERING VALVES

- The design of Barrel and Thimble micrometer permits repeatable settings. Each division of barrel equal to 0.025"
 - Thimble is divided into 25 divisions, each division of thimble equal is to 0.001" stem travel
 - One revolution equal to valve stem 0.025" travel
- Precise Metering valves are not intended for use as shut-off valves
- The minimum flow rate is factory set at "0" position. The valve will be damaged when the valve is operated below "0" position. When shut-off is required, a correlated shut-off valve from 15B, 20B, 15N, 20N, 30N and 60N series valves should be installed in series with the Precise Metering valves
- Packing is located under the thread of valve stem
- Reliable locking device for packing gland
- Extended stuffing box valve with graphite can be operated to 1200°F (649°C)



PRECISE METERING VALVES

- End connections:
 - 15M series: 1/8" and 1/4" tube fittings
 - 30M series: 1/4" tube fittings
 - 60M series: 1/4" and 3/8" tube fittings
- Body materials: 316 SS
- Orifice sizes: 0.062"
- Flow coefficient (Cv): 0.04
- Working pressure up to:
 - 15M series: 15000 psig (1034 bar)
 - 30M series: 30000 psig (2068 bar)
 - 60M series: 60000 psig (4137 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)



PART NUMBER DESCRIPTION

30M SS - FH4 - G

SERIES	BODY MATERIAL	CONNECTOR SIZES	PACKING MATERIAL
15M	SS 316 SS	FH2 1/8"	PTFE
30M		FH4 1/4"	Nylon (60M Only)
60M		FH6 3/8"	TG RPTFE Glass
			G Graphite
			HT Extend stuffing box valve with Graphite

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.