



Chemineer, Inc.
125 Flagship Dr.
North Andover, MA
01845
phone: 508-687-0101
fax: 508-687-8500

QUOTE No.:

SPECIFICATION: Standard 4" PLM

MANUFACTURER	: Chemineer, Inc.
MODEL NUMBER	: PLM-4
DESCRIPTION	: 4" Horizontal, Single Shear Continuous In-Line Pipeline Mixer
OPERATING SPEED	: 3600 rpm/nominal
PERIPHERAL VELOCITY	: 58.0 ft/sec (17.67 m/sec)
CONSTRUCTION	: Sleeve & Bushing is Nickel Cobalted Stellite. All other wetted surfaces are 316 Stainless Steel. Suitable for operation to 150psig @300°F.
MIXING HEAD	: 3 ³ / ₁₆ " Diameter Turbine with Six Skewed Blades and a Stator with Eight 1 ⁵ / ₁₆ " diameter holes.
ROTARY SEAL	: Single Mechanical, Cartridge Seal Carbon/Silicon-Carbide Seal Faces Viton® Elastomer 316 Stainless Steel Hardware and Springs
CAPACITY	: 100 US GPM - water
MOUNTING	: Mixer and drive are mounted on horizontal, painted C/S base Discharge may be left, right, or vertical – Customer to specify
CONNECTIONS	: Mixer Product Inlet: 4" CL-150 Blind Flg with 2" NPT Pipe Tap Mixer Product Outlet: 4" CL-150 Lap Joint Flange
MOTOR DRIVE	: Direct Drive, 15 HP, 230/460V/3 ϕ /60Hz, 3600 rpm, XP motor (CL I, Div I, Gr. D, CL II, F&G) with Painted C/S Drive Guard.
WEIGHT	: 495 lb (225 kg)
DIMENSIONS	: CA-8118-4-10
MANUALS	: 2 copy of IO&M supplied with order
CONSUMABLE SPARE PARTS KIT (OPTIONAL)	: All machine gaskets, lip seals, bearings and retaining ring.
REBUILD SPARE PARTS KIT (OPTIONAL)	: Shaft, Stator Bushing, Turbine, Turbine Sleeve, Shim Set, Pin, Bearings, Mechanical Seal, Seals, O-Rings, Inlet Gasket, Locknut, Timing Belt, Retaining Ring

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