

INJECTION PUMP

UNIT: PUM029

PERFORMANCE

Maximum Operating Pressure	4,300 PSI*
Maximum Flow Rate	391 m ³ /day*

*Contact Roska Engineering for Detailed Specifications

INJECTION DRIVE

Model	Teco Optim HE Plus
Horse Power	200 HP
Maximum RPM	1785 RPM
Phase	3
Volts	460 V
Hertz	60 Hz
VFD	Yes



PUMP

Make	Weatherford
Model	W200-H Triplex
Plungers	3
Installed Plunger Diameter	1.875" (47.6 mm)
Maximum Input	200 HP (149 kW)
Maximum RPM	400 RPM
Stroke Length	5" (127 mm)



POWER REQUIREMENTS

Motor Only	155 kW
Building Total	170 kW
Main Disconnect	400 A
Voltage Input	480 V
Phase	3

Approximate Power Requirements

SHIPPING DIMENSIONS

Width	10 ft (3.0 m)
Length	26 ft (7.9 m)
Height	10 ft (3.0 m)
Weight Estimate	23,000 lb (10,433 kg)

CERTIFICATION

Area Classification Interior	Class I, Division II
Area Classification Exterior	General Purpose
Piping	ASME B31.3

SUCTION PIPING

Maximum Allowable Working Pressure	675 psi (kPa)
Size	3" (76.2 mm)
Connection (External)	3" CL300 RF

DISCHARGE PIPING

Maximum Allowable Working Pressure	5,000 psi (kPa)
Size	2" (50.8 mm)
Connection (External)	2" CL2500 RTJ

SHUTDOWNS

High/Low Discharge Pressure
High/Low Suction Pressure
Manual ESD
Vibration Switch
H ₂ S & LEL Detection
Standard Engine Kills

FEATURES

Nord SK 92W Gearbox
Discharge Pulsation Dampener
Exhaust Fan
Ruffneck Electric Heater
Discharge MC-III Flow Meter
460 V NEMA 3R VFD
Kenco Lube Oil Tank
Baird PSV

