

4" ELECTRIC PUMP ATEX

IDEAL USAGE

Projects that require transfer of liquids up to 130 m³/h for a wide range of industrial applications, where electricity is available

APPLICATIONS

Pumping applications within ATEX zones:

- Pumping of fluids containing larger solids, like drilling mud or sewage water
- Pumping of contaminated fluids, like waste water streams



PERFORMANCE

Capacity:	130 m ³ /h (max), see curve
Head:	15 m (max), see curve
Suction lift:	8.5 m
Free passage:	82 mm
Pre-pressure:	36 m (max)
Temperature:	0 °C (min) - 65 °C (max)
Rated current:	11 A

PUMP

Impeller:	Channel impeller
Priming system:	Mechanic diaphragm priming system
Capacity vacuum system:	50 m ³ /hr

WEIGHT AND MEASURES

Weight:	1,420 kg (total)
Length:	2,000 mm
Width:	1,040 mm
Height:	1,400 mm
Connections:	4" ANSI 150# suction side (x1) 4" ANSI 150# discharge side (x1)
Length power cable:	50 m

MATERIAL

Pump housing:	GG20 cast iron
Impeller:	GGG40 ductile iron
Gaskets & seals:	Viton
Mechanical seal:	Silicon-carbide with viton elastomers
Check valve flapper:	Viton
Canopy:	Galvanized frame

ENGINE

Engine make / model:	HMA2 132S-4
Power connection:	32 A / 5P CEE
Motorpower / RPM:	7.5 kW / 1,460 RPM
Voltage / Phase / Hz:	400 v / 3-phase / 50 Hz

FEATURES

Level control:	Yes, 20 m cable
Lifting:	Single lifting eye and forklift pockets

QUALITY AND SAFETY

ATEX rating: EX II 2G Eex c IIB T4
 Emergency stop switch
 QMS inspections executed before every rental

CURVE



