



6" ELECTRIC PUMP SS ATEX

IDEAL USAGE

Projects that require transfer of liquids up to 430 m³/h for more specific industrial applications, where electricity is available

APPLICATIONS

More specific pumping applications compared to the cast iron pump:

- Pumping of a great variety of aggressive and corrosive chemical liquids

PERFORMANCE

Capacity:	430 m ³ /h (max), see curve
Head:	24 m (max), see curve
Suction lift	8.5 m
Free passage:	80 mm
Pre-pressure:	36 m (max)
Temperature:	0 °C (min) - 65 °C (max)
Rated current:	33 A

PUMP

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

WEIGHT AND MEASURES

Weight:	1,620 kg (total)
Length:	2,000 mm
Width:	1,040 mm
Height:	1,400 mm
Connections:	6" ANSI 150# suction side (x1) 6" ANSI 150# discharge side (x1)
Length power cable:	50 m

MATERIAL

Pump housing:	316 stainless steel
Impeller:	316 stainless steel
All wetted parts:	316 stainless steel
Gaskets & seals:	Viton
Mechanical seal:	Silicon-carbide with viton elastomers
Check valve flapper:	Viton
Canopy:	Galvanized frame

ENGINE

Engine make / model:	Hoyer HMC3 180M-4
Power connection:	63 A / 5P CEE
Motorpower / RPM:	22 kW / 1,460 RPM
Voltage / Phase / Hz:	400 v / 3-phase / 50 Hz

FEATURES

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

QUALITY AND SAFETY

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

CURVE



