



High pressure water pump SOLO 425 EF

geo drilling solutions ab

stenhuggarvägen 7c
se- 132 38 saltsjö-boo
sweden

tel. +46 70 887 5004
info@geo-drilling.com
www.geo-drilling.com

Plunger pump type: Pratissoli LK60
Volumetric flow: Up to max. 425/465* l / minute
Working pressure: Up to max. 180 bar
Weight: 3050 kg
Measurements: Pump: 270 x 160 x 205 cm (LxWxH)
Electric motor: 132kW /3ph 400V / 250A
with frequency converter drive.

Frequency converter driven, electrical powered, high pressure water pump for drilling with water hammers up to 6"

The frequency converter drive permits motor starting on weak electric grid and also to optimize the pump output and minimizing power losses.

The pump is mounted in a rigid steel frame enclosure with 4 lifting eye bolts.

Integrated buffer water tank with 1500 liter volume, made from plastic with rigid steel frame enclosure.

Electric 3,7 kw/ 8,3A
3-phase booster pump, located in water tank.

Water inlet fitting is Storz A and the high pressure connection is 38S with o-ring sealing.



Radio remote control with the following functions:

- high pressure pump on/off
- regulation of outgoing water pressure
- quick select of high / low drilling pressure (one push shifting between pre-selected rock and overburden drilling pressure)
- regulation of outgoing water volume

The software allow parallell connection of 2 pumps SOLO 425 EF to be operated simultaneously in a leader/follow set-up to enable drilling with 8" water hammer, requiring a flow of up to 850l/minute.



*Pump capacity is 425l/min@180 bar and 465 l/min@160 bar.

