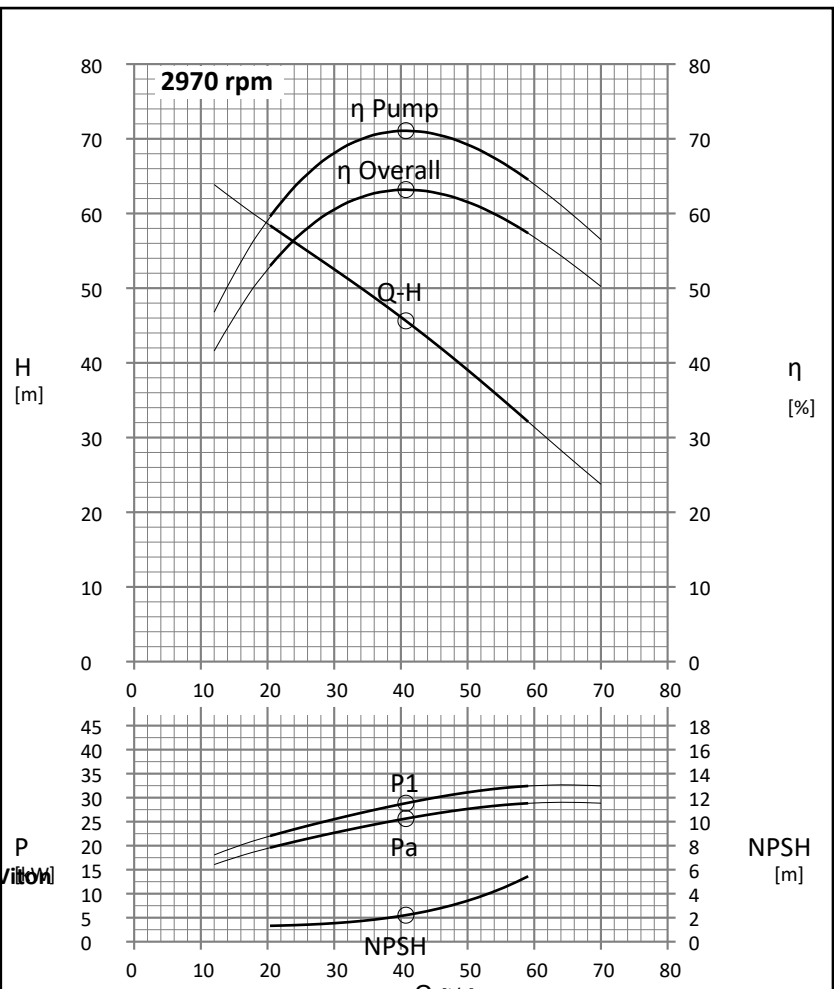


# Immersible Pump: DE3R-EHU3R + EE030X2-XSEQ1CC + NC1A6EA-20

Project / Date: Customer: Job No. / Order No.: Pump Title:	
<b>Hydraulic</b> Suction Nozzle: <b>100 mm drilled to PN 16</b> Discharge Nozzle: <b>80 mm drilled to PN 16</b> Type: <b>DE3R</b> Regulable: <b>yes</b> Impeller: <b>EHU</b> Free passage: <b>75 mm</b> Inspection cover: <b>no</b>	
<b>Motor</b> Type Hidrostat: <b>EE030X2 - immersible</b> Nominal Rating Pn: <b>30.0 kW</b> Voltage / Frequency: <b>400 V / 50 Hz</b> Speed: <b>2975 rpm</b> Nom. Current / cos φ: <b>53.0 A / 0.92</b> Starting Current IA/IN: <b>7.5</b> Winding Protection: <b>Thermistor</b> Starting Method: <b>Direct</b> Cable length: <b>20 m</b> Cable details: <b>4x16mm<sup>2</sup>, Ø26.0mm, 4x1.5mm<sup>2</sup>, Ø10.7mm</b> Cable mat. / screened: <b>EPR/PUR / yes</b> Ex-Proof: <b>no</b> Enclosure: <b>IP 68</b> Insulation: <b>F</b> Fly Wheel: <b>no</b> Insulated Roller Bearings: <b>no</b> Oil volume: <b>18.0 l</b>	
<b>Material of Hydraulic</b> Volute Casing: <b>0.6025 (GG25)</b> Impeller: <b>1.4517 (Duplex)</b> Liner: <b>~0.9650 (Hidrohard)</b> Seal parts: <b>0.6025 (GG25)/0.6020 (GG20)</b> Shaft: <b>1.4021 (X20Cr13)</b> Seal motorside: <b>51 mm / F-Type - C/SiC</b> Seal pumpside: <b>38 mm / X-Type - SiC-G/SiC / Viton</b> O-Rings: <b>Nitrile</b>	
<b>Instrumentation</b> Conductivity probe: <b>yes</b> Float Switch: <b>no</b> Bearing Temp. Probe: <b>no</b> Temperature probe: <b>no</b>	
<b>Miscellaneous</b> Installation: <b>vertical</b> Pump Weight: <b>~ 474 kg</b> Painting: <b>Standard Painting</b> Paint Thickness: <b>150µm, Standard RAL 5010</b>	
<b>Accessories</b> Hanger: <b>5AH-030BR</b> Weight: <b>6.8 kg</b>	



Note Mechanical seals friction losses are included in motor efficiency data. P1 and ηOverall are only valid for direct grid operation without VFD! Testing according to ISO 9906:2012-3B

**Drawing dimensions**

A	100 mm
B	80 mm
C	180 mm
D	215 mm
E	97 mm
X	170 mm
Y	170 mm
Y1	170 mm
H	1137 mm
H1	730 mm
HB	1296 mm
U	410 mm

Subject to change without prior notice  
Drawing does not always show the exact pump design.

