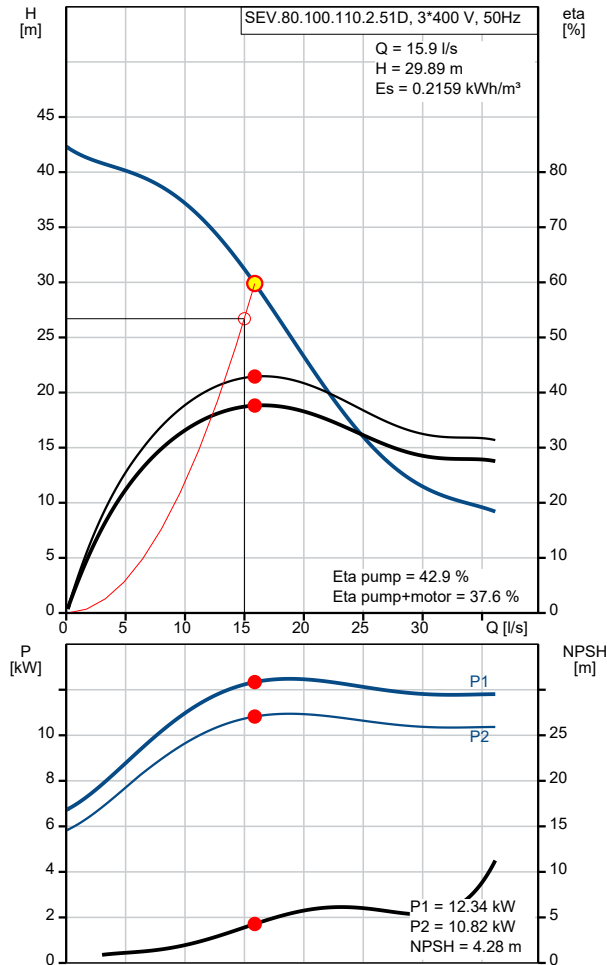


Description	Value
General information:	
Product name:	SEV.80.100.110.2.51D
Product No:	96780692
EAN number:	5700310145495
Technical:	
Actual calculated flow:	15.9 l/s
Max flow:	36.1 l/s
Max flow:	36.1 l/s
Resulting head of the pump:	29.89 m
Head max:	41.6 m
Type of impeller:	SUPER VORTEX
Maximum particle size:	80 mm
Primary shaft seal:	SIC/SIC
Max. hydraulic efficiency:	43 %
Approvals on nameplate:	EN12050-1
Curve tolerance:	ISO9906:2012 3B
Cooling jacket:	with cooling jacket
Materials:	
Pump housing:	EN 1561 EN-GJL-250
Impeller:	Cast iron
Impeller:	EN 5.1301 EN-GJL-200
Installation:	
t max amb:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 100
Pressure rating:	PN 10
Maximum installation depth:	20 m
Inst dry/wet:	DRY/SUBMERGED
Installation:	horizontal or vertical
Auto-coupling:	96090994
Liquid:	
Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 40 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input - P1:	12.6 kW
Rated power - P2:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+6/-10 %
Max starts per. hour:	20
Rated current:	22.7-21.4 A
Rated current at 3/4 load:	16.2 A
Rated current at 1/2 load:	12.3 A
Starting current:	162 A
Rated current at no load:	7.2 A
Cos phi - power factor:	0.88
Cos phi - p.f. at no load:	0.15
Cos phi - p.f. at 3/4 load:	0.84
Cos phi - p.f. at 1/2 load:	0.75
Rated speed:	2935 rpm
Locked-rotor torque:	85 Nm
Breakdown torque:	118 Nm
Moment of inertia:	0.0368 kg m ²
Motor efficiency at full load:	87.7 %
Motor efficiency at 3/4 load:	88.1 %
Motor efficiency at 1/2 load:	86.4 %





Company name:

Created by:

Phone:

Date:

05/08/2022

Description	Value
Number of poles:	2
Start. method:	star/delta
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Explosion proof:	no
Built-in motor protection:	THERMAL SWITCH
Thermal protec:	internal
Length of cable:	10 m
Cable type:	LYNIFLEX
Type of cable plug:	No plug
Controls:	
Control box:	not included
Moisture sensor:	without moisture sensors
Water-in-oil sensor:	without water-in-oil sensor
Temp. sensor:	N
Others:	
Net weight:	205 kg
Gross weight:	226 kg
Danish VVS No.:	391289286