

Description	Value
Product No:	SEV.65.65.40.2.51D 96047729 5700395061437
Technical:	
Max flow:	16.7 l/s
Resulting head of the pump:	22.1 m
Head max:	28.5 m
Type of impeller:	SUPER VORTEX
Maximum particle size:	65 mm
Primary shaft seal:	SIC/SIC
Secondary shaft seal:	CARBON/CERAMICS
Max. hydraulic efficiency:	37 %
Approvals on nameplate:	EN12050-1
Materials:	
Pump housing:	EN-GJL-200
Impeller:	EN-GJL-200
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pump outlet:	DN 65
Pressure stage:	PN 10
Maximum installation depth:	20 m
Inst dry/wet:	DRY/SUBMERGED
Installation:	horizontal or vertical
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Liquid temp:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Number of poles:	2
Power input - P1:	4.8 kW
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+6/-10 %
Start. method:	star/delta
Max starts per. hour:	20
Rated current:	8,7-8,5 A
Rated current at 3/4 load:	6.7 A
Rated current at 1/2 load:	5.4 A
Starting current:	71 A
Rated current at no load:	3.9 A
Cos phi - power factor:	0,84
Cos phi - p.f. at no load:	0,15
Cos phi - p.f. at 3/4 load:	0,78
Cos phi - p.f. at 1/2 load:	0,68
Rated speed:	2925 rpm
Locked-rotor torque:	40 Nm
Breakdown torque:	54 Nm
Moment of inertia:	0.0126 kg m ²
Motor efficiency at full load:	83,3 %
Motor efficiency at 3/4 load:	82,4 %
Motor efficiency at 1/2 load:	79,2 %
Enclosure class (IEC 34-5):	68
Insulation class (IEC 85):	F
Motor protec:	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:	128 kg

