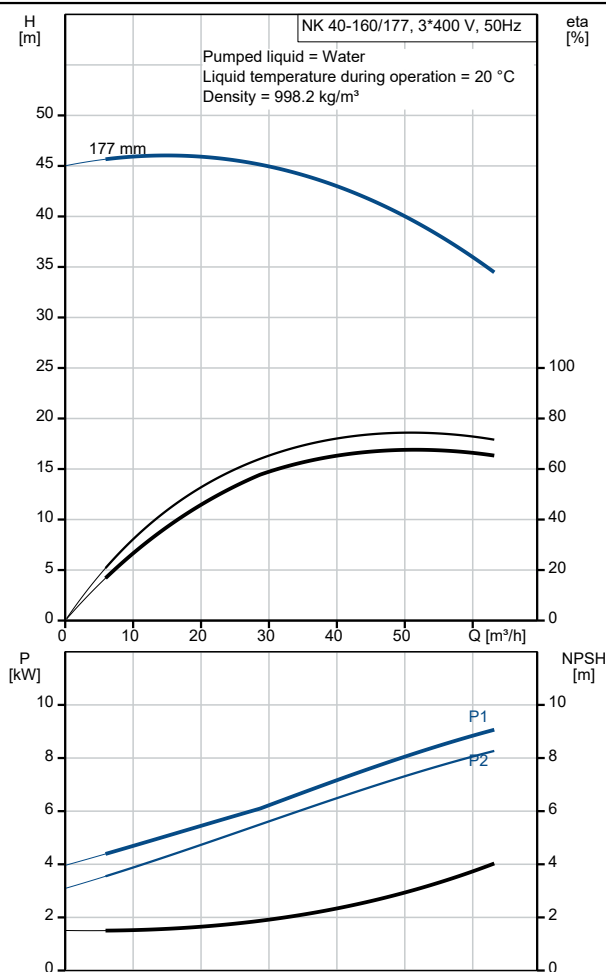


Description	Value
General information:	
Product name:	NK 40-160/177 AA1F2AESBAQENW1
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2940 rpm
Rated flow:	50.49 m³/h
Pump with motor (Yes/No):	Y
Rated head:	39.16 m
Actual impeller diameter:	177 mm
Nominal impeller diameter:	160
Shaft diameter:	24 mm
Code for shaft seal:	BAQE
Mechanical seal type:	Single
Curve tolerance:	ISO9906:2012 3B
Pump version:	A1
Bearing design:	Standard
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Wear ring:	Brass
Impeller:	Cast iron
Impeller:	EN-GJL-200
Impeller:	ASTM class 30
Internal pump house coating:	CED
Material code:	A
Code for rubber:	E
Shaft:	Stainless steel
Shaft:	EN 1.4301
Shaft:	AISI 304
Installation:	
t max amb:	60 °C
Maximum operating pressure:	16 bar
Pipe connection standard:	EN 1092-2
Type of inlet connection:	DIN
Type of outlet connection:	DIN
Size of inlet connection:	DN 65
Size of outlet connection:	DN 40
Pressure rating for connection:	PN 16
Coupling type:	Flexible w/o spacer
Base frame design:	C-channel
Code for base frame:	31
Grouting (Yes/No):	N
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	160MA
IE Efficiency class:	IE3
Rated power - P2:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	20,4-18,4/11,6-10,6 A
Starting current:	760-760 %



Description	Value
Cos phi - power factor:	0.9
Rated speed:	2940 rpm
Efficiency:	IE3 91,2%
Motor efficiency at full load:	91.2-91.2 %
Motor efficiency at 3/4 load:	91.2-91.2 %
Motor efficiency at 1/2 load:	90.2-90.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	83K16124
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	204 kg
Gross weight:	217 kg
Shipping volume:	0.356 m ³