Qty. | Description

TPE 100-250/4 A-F-A-BQQE-NX3



Note! Product picture may differ from actual product

Product No.: On request

Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter.

The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.

The pump is fitted with an unbalanced rubber bellows seal.

The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).

The pump is fitted with a fan-cooled asynchronous motor.

Controls:

Frequency converter: Built-in

Liquid:

Pumped liquid: Water
Liquid temperature range: -25 .. 120 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 1460 rpm

Rated flow: 131 m³/h
Rated head: 20.7 m
Actual impeller diameter: 270 mm
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron

EN-GJL-250 ASTM class 35

Impeller: Cast iron

EN-GJL-200 ASTM class 30

Installation:

Range of ambient temperature: -20 .. 40 °C Maximum operating pressure: 16 bar

Max pressure at stated temp: 16 bar / 120 °C

Type of connection:

Size of connection:

Pressure rating for connection:

Port-to-port length:

Flange size for motor:

DIN

DN 100

PN 16

670 mm

FF300

Electrical data:

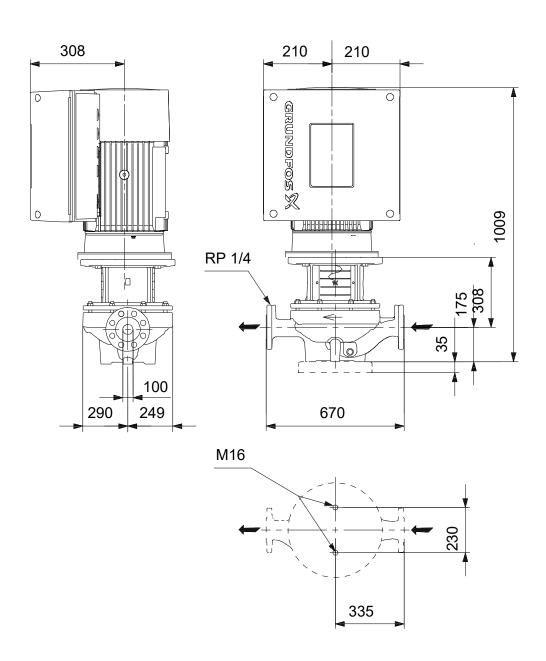
Motor type: 160MB
IE Efficiency class: IE3
Rated power - P2: 11 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-480 V
Rated current: 22.0-17.8 A

Qty. Description Cos phi - power factor: 0.86-0.81 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 86906100 Others: Minimum efficiency index, MEI ≥: 0.45 Net weight: 273 kg Gross weight: 334 kg Shipping volume: $0.937 \; m^3$ Finnish LVI No.: 4616502 Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPE 100-250/4, 3*400 V	eta [%]
General information:	raido		Pumped liquid = Water	' '
Product name:	TPE 100-250/4 A-F-A-BQQE-NX3		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
Product No:	On request			
EAN number:	On request	30 -	110 %	
Technical:	Onroquoot			
Pump speed on which pump data are based:	1460 rpm	25 -	100 %	_ 100
Rated flow:	131 m³/h		20.04	
Rated head:	20.7 m	20	90 %	- 80
Maximum head:	250 dm	/		
Actual impeller diameter:	270 mm	15	1 80 %	- 60
Code for shaft seal:	BQQE			
Curve tolerance:	ISO9906:2012 3B	——————————————————————————————————————	111111111111111111111111111111111111111	
Pump version:	A	10 -	60 %	- 40
Materials:	^			
Pump housing:	Cast iron		50 %	
		5 -	40 %	-20
Pump housing:	EN-GJL-250	25	%	
Pump housing:	ASTM class 35	0		\perp_{0}
Impeller:	Cast iron	o'	50 100 150 Q [m³/h]	J
Impeller:	EN-GJL-200	P [kW]		NPSH [m]
Impeller:	ASTM class 30			Ī
Material code:	Α	14 -	P1 (motor+freq.converter)	- 14
Installation:		12	F I (Holoi Fried.converter)	12
Range of ambient temperature:	-20 40 °C	10	P2	_ 10
Maximum operating pressure:	16 bar			
Max pressure at stated temp:	16 bar / 120 °C	8-		-8
Type of connection:	DIN	6-		-6
Size of connection:	DN 100	4		-4
Pressure rating for connection:	PN 16	2.		_2
Port-to-port length:	670 mm	0		L_0
Flange size for motor:	FF300			
Connect code:	F			
Liquid:	Γ	308	. 210 210 .	
Pumped liquid:	Water		210 210	
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C		8000	
Density:	998.2 kg/m³		RP 1/4	
Electrical data:	40014B			
Motor type:	160MB			
IE Efficiency class:	IE3	100	`	
Rated power - P2:	11 kW	290 249	670	
Mains frequency:	50 Hz		M16	
Rated voltage:	3 x 380-480 V			
Rated current:	22.0-17.8 A		N N N N N N N N N N N N N N N N N N N	
Cos phi - power factor:	0.86-0.81		_335	
Rated speed:	240-1750 rpm			
Efficiency:	IE3 91,4%			
Motor efficiency at full load:	91.4 %			
Number of poles:	4	N I DISTRICT		
Enclosure class (IEC 34-5):	IP55	g 000 000		
Insulation class (IEC 85):	F		, <u>_</u> ,	
Built-in motor protection:	YES			
Motor No:	86906100			
Controls:				
Control panel:	Standard			
Function Module:	PUMP I/O		THE WAR	
Frequency converter:	Built-in			
	Dull-III			
Others:	0.45	420 mA 0420	1: Digital input 9: GND (trame) 8: 24 V	
	0.45		7: Sensor input B: R3-485B Y: Screen	
Minimum efficiency index, MEI ≥:		. [억[억[억]선[선]선]	A: RS-485A	
Net weight:	273 kg	- B YA 7 8 9 1 9-	i	
Net weight: Gross weight:	334 kg		6: GND (frame)	
Net weight:	_	BIVAL [F1891]	6: GND (frame) 5: +10 V 6: GND (frame) 6: +10 V 6: GND (frame) 6: GND (frame) 6: GND (frame) 6: GND (frame) 7: +10 V 6: GND (frame) 8: +10 V 6: High (

Description	Value
Finnish LVI No.:	4616502
Country of origin:	HU
Custom tariff no.:	84137051

On request TPE 100-250/4 A-F-A-BQQE-NX3 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

Order Data:							
Position	Your pos.		Amount	Product No	Total		
		TPE 100-250/4	1	On request	Price on request		
					requesi		
		<u> </u>		<u> </u>			