	GRUNDFOS	Company name: Created by: Phone: Date:
Qty.	Description	
1	LP 80-160/149 A-F-A-RUUE	

Note! Product picture may differ from actual product Product No.: 48036644 Single-stage centrifugal in-line single-head pump. The in-line design with opposite suction and discharge ports enables mounting in pipework or on a concrete foundation. The shaft seal is a corrosion resistant maintenance-free mechanical seal. The motor is a 3-phase AC motor. Liquid: Pumped liquid: Water -25 .. 90 °C Liquid temperature range: Selected liquid temperature: 20 °C Density: 998.2 kg/m<sup>3</sup> Technical: Pump speed on which pump data are based: 2910 rpm Rated flow: 40 m³/h Rated head: 26 m Actual impeller diameter: 149 mm Impeller nom: 160 mm Primary shaft seal: RUUE Materials: Pump housing: Cast iron EN-JL1040 ASTM 35-40 Impeller: Stainless steel

17/11/2022

	AISI 304
Installation: t max amb: Max pressure at stated temp: Flange standard: Pipe connection: Pressure rating: Port-to-port length: Flange size for motor:	40 °C 16 bar / 90 °C DIN DN 80 PN 16 525 mm F265
Electrical data: Motor type: Rated power - P2:	132SB 5.5 kW

DIN W.-Nr. 1.4301



Company name: Created by:

	GRUNDF		Date:	17/11/2022	
/.	Description				
	Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No:	50 Hz 3 x 220-240 D/380-4 19.0/11.0 A 890-970 % 0.89-0.86 2890-2910 rpm 2 IP55 F 85807817	15 Y V		
		00007017			
	Others: Net weight: Gross weight: Shipping volume:	87 kg 117 kg 0.21 m³			
	11 5				



## Company name: Created by: Phone:

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Description General information:	Value	[m]	LP 80-160/149, 3*400 V, 50Hz Pumped liquid = Water	[%
	LP 80-160/149	_	Liquid temperature during operation = 20 °C Density = 998.2 kg/m <sup>3</sup>	
Product name:	A-F-A-RUUE			
Product No:	48036644	30 -		
EAN number:	5700393813861			
Price:		-		
Technical:		25 -		
Pump speed on which pump data are based:	2910 rpm	_		
Rated flow:	40 m³/h	20 -		- 80
Rated head:	26 m	-		
Actual impeller diameter:	149 mm	15 _		60
Impeller nom:	160 mm	- 13		T,
Primary shaft seal:	RUUE	_		
-		10 -		40
Pump No:	48030044	_		
Pump version:	А			
Model:	С	5-		- 20
Materials:				
Pump housing:	Cast iron			
Pump housing:	EN-JL1040	0 <u>/</u>	20 30 40 50 60 Q [m³/h	עבר <b>ו</b> 1
Pump housing:	ASTM 35-40	D2	-	
Impeller:	Stainless steel	P2 [kW]		
Impeller:	DIN WNr. 1.4301	5 <b>-</b>		
Impeller:	AISI 304	-		
Material code:	Alor 304	4 -		-8
	A	3-		6
Installation:	40.00			Τ°
t max amb:	40 °C	2		4
Max pressure at stated temp:	16 bar / 90 °C	_		
Flange standard:	DIN	1 -		-2
Pipe connection:	DN 80			
Pressure rating:	PN 16	0		
Port-to-port length:	525 mm			
Flange size for motor:	F265			
Connect code:	F			
Liquid:				
· Pumped liquid:	Water			
Liquid temperature range:	-25 90 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m <sup>3</sup>			
Electrical data:	330.2 NY/11			
	12200			
Motor type:	132SB			
Rated power - P2:	5.5 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240 D/380-415 Y V			
Rated current:	19.0/11.0 A			
Starting current:	890-970 %			
Cos phi - power factor:	0.89-0.86			
Rated speed:	2890-2910 rpm			
Number of poles:	2			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F			
Built-in motor protection:	PTC			
Motor No:	85807817			
Others:				
Net weight:	87 kg			
Gross weight:	117 kg			
Shipping volume:	0.21 m <sup>3</sup>			