

Company name: Created by: Phone:

Date: 05/03/2018 Position Qty. Description Unilift AP12.40.08.A1 1 Note! Product picture may differ from actual product Product No.: 96404181 Submersible drainage pump type Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase totally enclosed motor in insulation class F with thermal overload protection. The pump is fitted with suction strainer and level switch for automatic start and stop. The impeller is a SEMI OPEN impeller for 12 mm free passage suitable for pumping groundwater, surface water, rain water and similar. The pump has a double shaft seal and an intermediate oil chamber pre-filled with non-toxic special oil. The pump has a riser pipe, a cooling jacket for continuous cooling of the motor by the pumped liquid and long-life deep-groove greased-for-life ball bearings. The pump is ready for use as it is fitted with carrying handle and is supplied with a 10 m mains cable. The mains cable is of the plug type with glass sealing compound in the socket to prevent penetration of humidity into the stator windings. Liquid: Pumped liquid: Any Newtonian liquid Liquid temperature range: 0..55 °C Density: 998.2 kg/m³ **Technical:** Type of impeller: SEMI OPEN Maximum particle size: 12 mm Materials:

Stainless steel

Pump housing:



Company name: Created by:

		UNDFOS		Date:	05/03/2018	
osition	Qty.	Description		Dute.	00/00/2010	
			DIN WNr.	. 1.4301		
			AISI 304			
		Impeller:	Stainless s	steel		
			DIN WNr.	. 1.4301		
			AISI 304			
		Installation:				
		Pump outlet:	Rp 1 1/2			
		Maximum installation depth:	7 m			
		Electrical data:				
		Type of motor:	PSC			
		Power input - P1:	1.3 kW			
		Mains frequency:	50 Hz			
		Rated voltage:	1 x 230 V			
		Rated current:	5.9 A			
		Cos phi - power factor:	0,99			
		Rated speed:	2780 rpm			
		Capacitor size - run:	16 µF/400	V		
		Enclosure class (IEC 34-5):	IP68			
		Insulation class (IEC 85):	F			
		Length of cable:	10 m			
		Type of cable plug:	NONE			
		Others:				
		Net weight:	12 kg			
		Gross weight:	13 kg			
			- 5			
	1					



Company name: Created by: Phone:

		— <u> </u>				
Description	Value	H [m]		Uni	lift AP12.40.08	.A1, 50H
General information:						
Product name:	Unilift AP12.40.08.A1					
Product No:	96404181					
EAN number:	5700390910273	14-				
Technical:		12-				
Max flow:	5.83 l/s					
Head max:	15 m	_				
	SEMI OPEN	10-		\mathbf{N}		
Type of impeller:						
Maximum particle size:	12 mm	8-				
Materials:						
Pump housing:	Stainless steel	6-				
	DIN WNr. 1.4301					
	AISI 304	4 -				
mpeller:	Stainless steel					
	DIN WNr. 1.4301	2-				
	AISI 304					
Installation:		0 0.5	1.5 2.5	3.5 4	.5 5.5	Q [l/s
Pump outlet:	Rp 1 1/2	P1 - [W]	1.0 2.0	0.0 4		د (۱/۵
Maximum installation depth:	7 m					
Inst dry/wet:	D/S	1,200 -				
Installation:	horizontal or vertical	1,000 -				
าเอเลแดแบท.		800 -				
Liquid:						
Pumped liquid:	Any Newtonian liquid	600 -				
Liquid temperature range:	0 55 °C	400 -				
Density:	998.2 kg/m ³	200 -				
Electrical data:		0				
Type of motor:	PSC	ŭ				
Power input - P1:	1.3 kW					
P2:	0.8 kW					
Mains frequency:	50 Hz					
Rated voltage:	1 x 230 V					
Rated current:	5.9 A					
Cos phi - power factor:	0,99					
Rated speed:	2780 rpm					
Capacitor size - run:	16 µF/400 V					
Enclosure class (IEC 34-5):	IP68					
nsulation class (IEC 85):	F					
Motor protec:	CONTACT					
Thermal protec:	internal					
Length of cable:	10 m					
Type of cable plug:						
rype or cable plug.	NONE					
Controls:						
Level switch:	float switch					
Others:						
Net weight:	12 kg					
Gross weight:	13 kg					

eta [%]

- 60

- 50

- 40

- 30

- 20

10

Τo