

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:	
	TYPE OF SERVICE:		
REPRESENTATIVE:	SUBMITTED BY:	 DATE:	
ENGINEER:	APPROVED BY:	 DATE:	
CONTRACTOR:	ORDER NO .:	 DATE:	

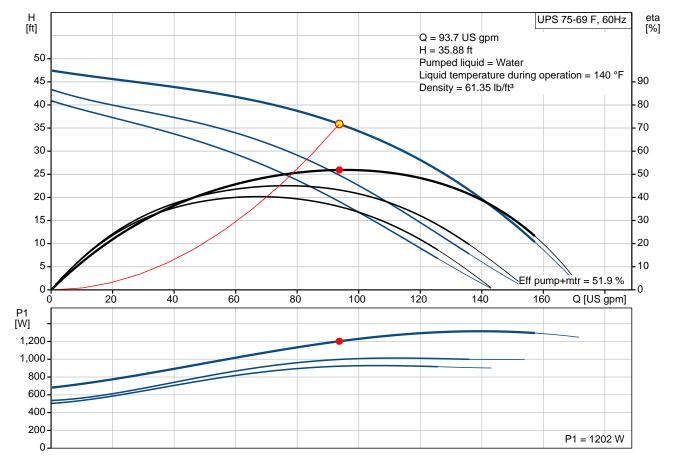


UPS 75-69 F

Circulator pumps

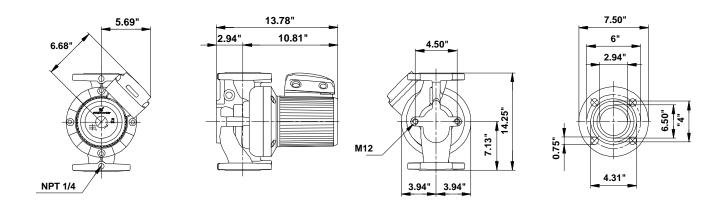
Product photo could vary from the actual product

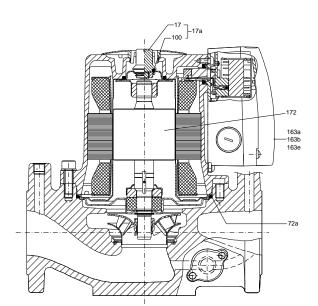
Conditions of Service		Pump Data	Motor Data		
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	93.7 US gpm 35.88 ft 51.9 % Water 140 °F ft 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard: Pipe connection: Product number:	145.04 psi 14 248 °F 104 °F CUL F USA GF 80 96654379	Max. power input: Rated voltage: Main frequency: Enclosure class: Insulation class: Motor protection: Thermal protection:	1300 W 208-230 V 60 Hz X4D H CONTACT external





Submittal Data





Materials:

Pump housing:	Cast iron
	EN-JL1040
	ASTM 35 B - 40 B
Impeller:	Stainless steel
	DIN WNr. 1.4301
	AISI 304



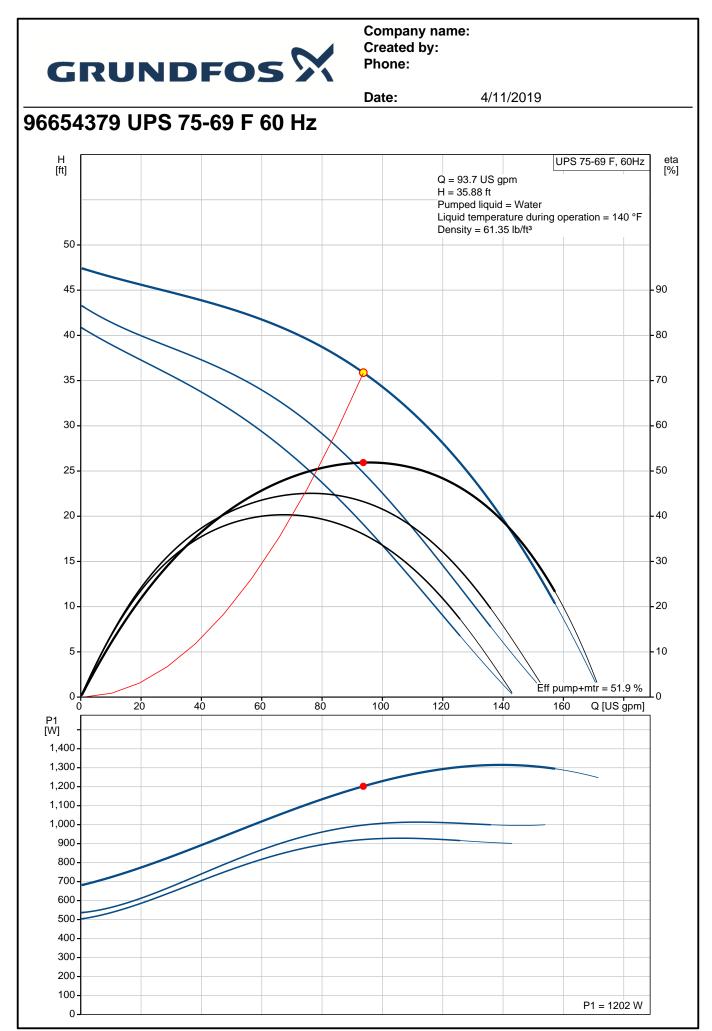
Date: 4/11/2019 Count Description UPS 75-69 F 1 Product photo could vary from the actual product Product No.: 96654379 The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricatd by the pumped liquid. In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible. The pump is characterized by: 3 speed motor. * Ceramic radial bearings. * Carbon axial bearing. * Stainless steel rotor can, bearing plate and rotor cladding. * Aluminium alloy stator housing. * Cast iron pump housing. * Stator with built-in thermal switch. The motor is a 3-phase motor. The pump is supplied with a standard module in the terminal box. The standard module is to be connected to the mains supply via external contactor. Controls: Relay: without relay Liquid: Pumped liquid: Water 14 .. 248 °F Liquid temperature range: Selected liquid temperature: 140 °F Density: 61.35 lb/ft3 Technical: Actual calculated flow: 93.7 US gpm Resulting head of the pump: 35.88 ft Approvals on nameplate: CUL Materials: Pump housing: Cast iron EN-JL1040 ASTM 35 B - 40 B

> Stainless steel DIN W.-Nr. 1.4301

Impeller:



AISI 304 sstallation: ange of ambient temperature: 32 104 °F laximum operating pressure: 145.04 psi lange standard: USA ype of connection: F ipe connection: GF 80 ressure stage: 145 psi ort-to-port length: 14 1/4 in lectrical data: ower input in speed 1: ower input in speed 1: 1.274 HP ower input in speed 1: 1.274 HP ower input in speed 1: 1.300 W lain frequency: 60 Hz ated voltage: 3 x 208-230 V urrent in speed 1: 2.75 A urrent in speed 1: 0.87 os phi in speed 1: 0.87 os phi in speed 1: 0.87 os phi: 0.82 nclosure class (IEC 34-5): X4D usulation class (IEC 85): H theres: t et weight: 53.6 lb ross weight: 73.9 lb hipping volume: 3.46 ft³ ountry of origin: DE	Description		Date:	4/11/2019	
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ountry of origin: DE					
	Country of origin:				
	Custom tariff no.:				



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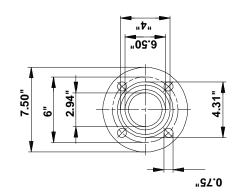
		Date:	4/11/2019
Description	Value	H [ft]	UPS 75-69 F, 60Hz eta [%]
General information:	Fulue	[rij	Q = 93.7 US gpm
Product name:	UPS 75-69 F		H = 35.88 ft Pumped liquid = Water
Product name: Product No.:	96654379	50 -	Liquid temperature during operation = 140 °F
		45	Density = 61.35 lb/ft ³
EAN:	5700836884960		
Technical:		40	- 80
Speed Number:	3		
Actual calculated flow:	93.7 US gpm	35 -	70
Resulting head of the pump:	35.88 ft	30 -	-60
Head max:	22.64 ft		
Approvals on nameplate:	CUL	25 -	50
Model:	С		
Materials:		20 -	40
Pump housing:	Cast iron	15	
·	EN-JL1040	15 -	30
	ASTM 35 B - 40 B	10-	20
Impeller:	Stainless steel		
Impeller.		5-	10
	DIN WNr. 1.4301	—	Eff pump+mtr = 51.9 %
	AISI 304	0 2	0 40 60 80 100 120 140 Q [US gpm]
Installation:		P1 [W]	
Range of ambient temperature:	32 104 °F	[VV]	
Maximum operating pressure:	145.04 psi	1,200 -	
Flange standard:	USA	1 000	
Type of connection:	F	1,000 -	
Pipe connection:	GF 80	800 -	
Pressure stage:	145 psi	600 -	
Port-to-port length:	14 1/4 in	400 -	
Liquid:		400 -	
Pumped liquid:	Water	200 -	
Liquid temperature range:	14 248 °F		P1 = 1202 W
	140 °F		
Selected liquid temperature:		⁴ 5.69"	13.78" 7.50" 2.94" 10.81" 4.50" 6"
Density:	61.35 lb/ft ³		
Electrical data:			
Power input in speed 1:	1.274 HP		
Power input in speed 2:	1000 W	Y	
Max. power input:	1300 W	NPT 1/4	3.94" 3.94"
Main frequency:	60 Hz		
Rated voltage:	3 x 208-230 V		
Current in speed 1:	2.75 A		
Current in speed 2:	3 A		
Current in speed 3:	4 A		
Cos phi in speed 1:	0.87		
Cos phi in speed 2:	0.84		
Cos phi:	0.82		
•			
Enclosure class (IEC 34-5):	X4D		
Insulation class (IEC 85):	H		
Motor protection:	CONTACT	4	
Thermal protec:	external		
Controls:			
Relay:	without relay		
Pos term box:	1.30H	T1	I I I I I I T2 ± L3 L2 L1 T1 T2 ± L3 L2 L1
Others:		к Г	/-/-/-/-к к /-/-/-/-
Net weight:	53.6 lb	T T	
Gross weight:	73.9 lb	Stop –	
Shipping volume:	3.46 ft ³	Start — K —	Start/Stop
		\	
Sales region:	Namreg		
Country of origin:	DE		+ L3 L2 L1 + L3 L2 L1
Custom tariff no.:	8413.70.2015	Im	pulse Changeover
			ontacts Contacts

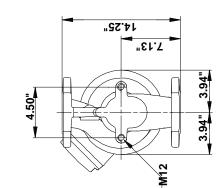


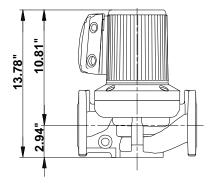
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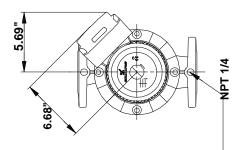
4/11/2019

96654379 UPS 75-69 F 60 Hz







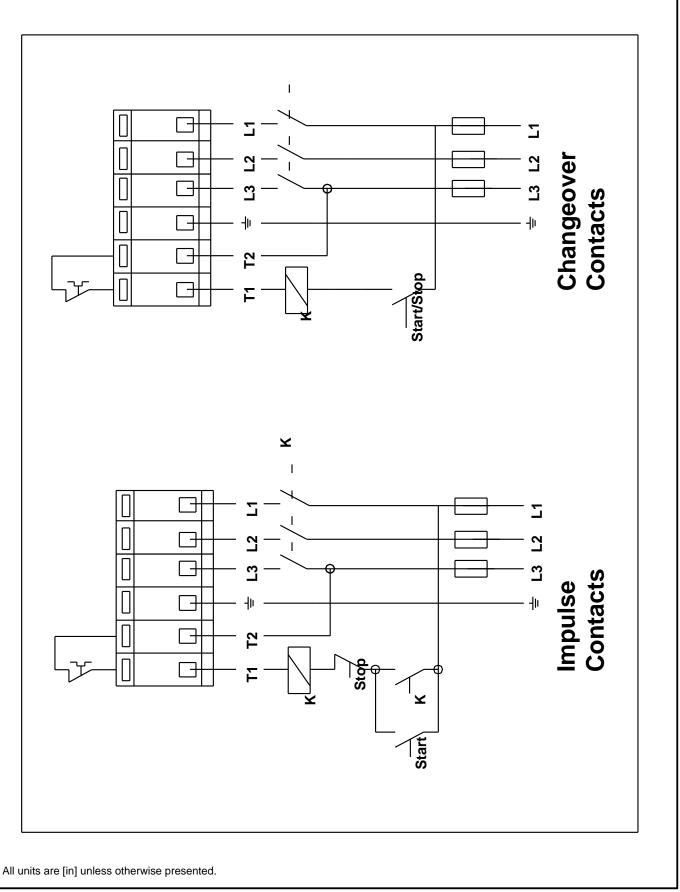


Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



4/11/2019

96654379 UPS 75-69 F 60 Hz





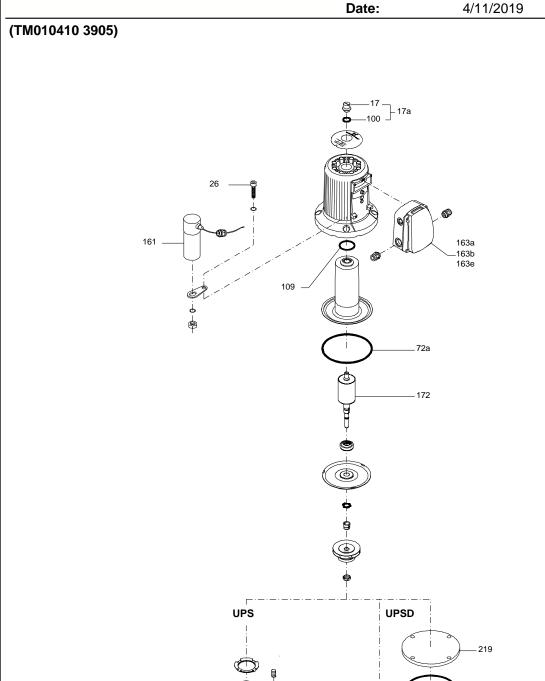
4/11/2019

Order	Data:
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Product name:UPS 75-69 FAmount:1Product No.:96654379

Total: Price on request

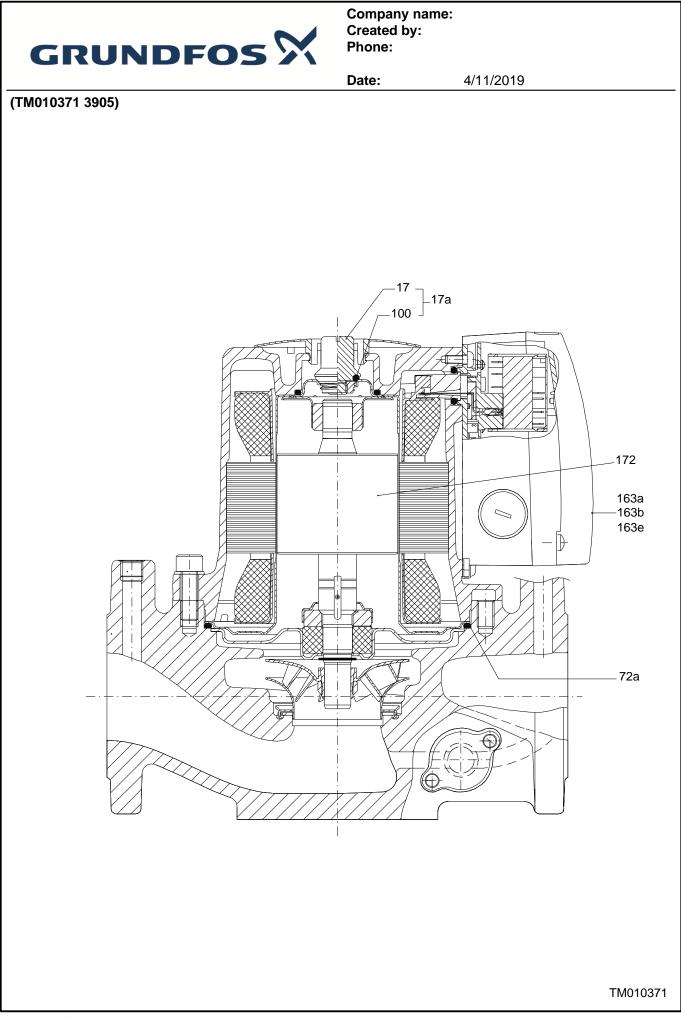




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215

217





4/11/2019

Parts list UPS 75-69 F, Prod number 96654379 Produced After 0646 (production year and week number)

Pos	sition	Description	Annotation	Classification data	Part No.	Count	Unit
163	b	Terminal box cpl.		Designation: WITH STANDARD MODULE		1	pcs