

Date:

2/22/2018

Tender Text



Product photo could vary from the actual product

Product No.: 15B70019 230S600-19

Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-agressive liquids without solid particles or fibers.

The pump is made entirely of Stainless steel DIN W.-Nr. EN 1.4301 and suitable for horizontal and vertical installation. The pump is fitted with a built-in non-return valve.

Liquid:

Pumped liquid:WaterMaximum liquid temperature:104 °FLiquid temperature during operation:68 °FDensity:62.29 lb/ft³

Technical:

Speed for pump data:	3450 rpm
Actual calculated flow:	242 US gpm
Resulting head of the pump:	769.2 ft
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Installation:	
Pump outlet:	3"NPT

Pump outlet: Motor diameter:

Electrical data:

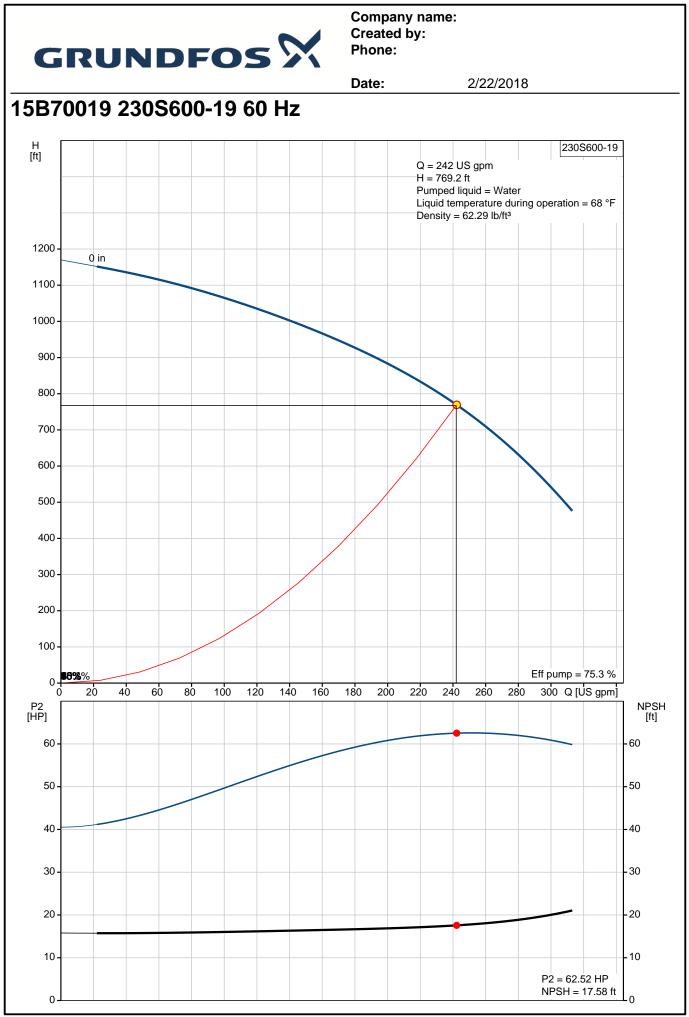
Rated power - P2:	60 HP
Power (P2) required by pump:	60 HP
Start. method:	direct-on-line
Others:	

EuP Standalone/Prod.
121 lb
233 lb
13.9 ft ³

8 inch



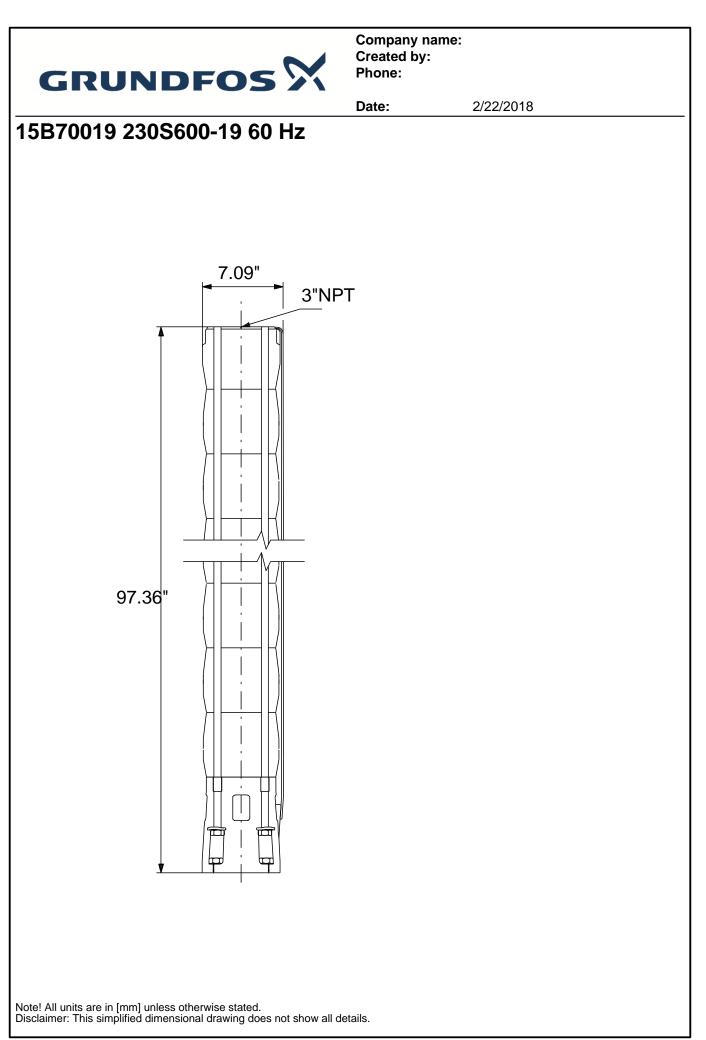
Date: 2/22/2018 Position Count | Description 230S600-19 1 Product photo could vary from the actual product Product No.: 15B70019 Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-agressive liquids without solid particles or fibers. The pump is made entirely of Stainless steel DIN W.-Nr. EN 1.4301 and suitable for horizontal and vertical installation. The pump is fitted with a built-in non-return valve. Liquid: Pumped liquid: Water Maximum liquid temperature: 104 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft3 **Technical:** Speed for pump data: 3450 rpm Actual calculated flow: 242 US gpm Resulting head of the pump: 769.2 ft Curve tolerance: ISO9906:2012 3B Materials: Stainless steel Pump: EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Pump outlet: 3"NPT Motor diameter: 8 inch Electrical data: Rated power - P2: 60 HP Power (P2) required by pump: 60 HP Start. method: direct-on-line Others: ErP status: EuP Standalone/Prod. Net weight: 121 lb Gross weight: 233 lb Shipping volume: 13.9 ft³



Printed from Grundfos Product Center [2017.09.058]



		Date:		2/22	2/2018			
Description	Value	H [ft]					230S600-19] _
General information:	Value				US gpm			-
	0000000 40	_		H = 769	.2 ft I liquid = Wat	or		_
Product name:	230S600-19	_		Liquid te	emperature di	uring ope	eration = 68 °F	
Product No.:	15B70019	1200 -	0 in	Density	= 62.29 lb/ft3	0.		-
EAN:	5700391829727	1100 -						_
Technical:		1000 -						
Speed for pump data:	3450 rpm	900 -						
Actual calculated flow:	242 US gpm	800 -						
Resulting head of the pump:	769.2 ft	000-						
Stages:	19	700 -				-/ `		
Impeller reduc.:	NONE	600 -						
Curve tolerance:	ISO9906:2012 3B							
Model:	В	500 -						
Valve:	YES	400 -						
	v	_						
Materials:		300 -						1
Pump:	Stainless steel	200 -						-
rump.		-						
	EN 1.4301	100 -				F #	ump = 75.3 %	1
	AISI 304	0	8%				· · ·	J
Impeller:	Stainless steel	0 P2	50	100 1	50 200	250	Q [US gpm]] NPSH
	EN 1.4301	[HP]						[ft]
	AISI 304	†				•		F
		50 -						- 50
Installation:		00						00
Pump outlet:	3"NPT	40 -						- 40
Motor diameter:	8 inch							
		30 -						- 30
Liquid:		20 -						- 20
Pumped liquid:	Water	_						
Maximum liquid temperature:	104 °F	10-				P2	2 = 62.52 HP	- 10
Liquid temperature during operation:	68 °F	0					PSH = 17.58 ft	
Density:	62.29 lb/ft ³	0-						-0
2 0	0							
Electrical data:								
Applic. motor:	GRUNDFOS							
Rated power - P2:	60 HP			7.09"				
Power (P2) required by pump:	60 HP				3"NPT			
Start. method:	direct-on-line		-					
				[!]				
Others:) -i- {				
ErP status:	EuP Standalone/Prod.			/ ;]				
Net weight:	121 lb							
Gross weight:	233 lb							
Shipping volume:	13.9 ft ³			ŊĿ÷IJK∥				
Sales region:	Namreg			····÷∕∖/╨ ────┴ヘ/─	_			
				y pi ji Ma				
		ę	97.36"	/ ! N				
				()				
				╢┝╤╢Ҟ║				
				Я⊢÷ҢКІ				
				/ + \				
				\∐_i II/I				
				旧言即				
				ЩUЩ				
			1 1	inent 'berti				





2/22/2018

Order	Data:
-------	-------

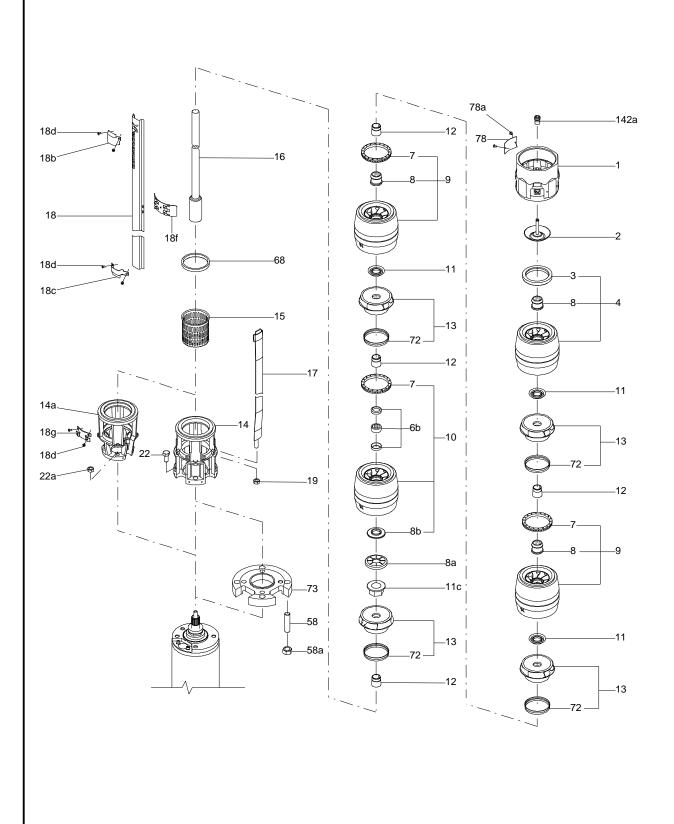
Product name:230S600-19Amount:1Product No.:15B70019

Total: Price on request



2/22/2018

Exploded view (TM054014 SP(LDC) for Normal pump)



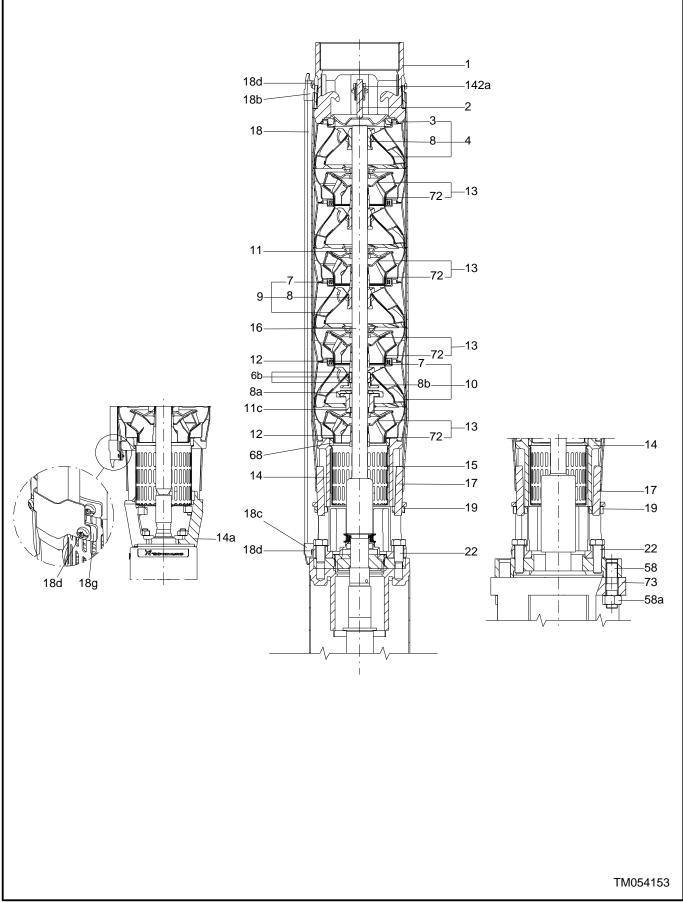
TM054014



Date:



Sectional drawing (TM054153 SP(LDC) Normal pump)





2/22/2018

Parts list 230S600-19, Prod number 15B70019 Valid from 1.3.2016 (1610)

Position	Description	Annotation	Classification data	Part No.		unt	Uni
	Shaft,cableg,strap				1		pcs
16	Shaft cpl.					1	
	Coupling cpl.						
	Washer						
	Coupling						
32	O-ring						
17	Strap cpl.					4	
	Threaded bush						
	Lug						
18	Cable guard					1	
1	Valve casing				1		pcs
2	Valve				1		pcs
3	Valve seat				1		pcs
8	Bearing cpl.				1		pcs
	Pipe					1	•
8a	Washer				1		pcs
9	Chamber cpl.				18		pcs
	Chamber					1	•
7	Seal ring					1	
8	Bearing					1	
10	Chamber cpl.				1	-	pcs
	Chamber				•	1	P
6b	Bearing					1	
6b	Cup					2	
7	Seal ring					1	
, 8b	Stop ring					1	
13	Impeller cpl.				18	•	pcs
11	Split cone nut				10	1	put
12	Split cone					1	
72	Wear ring					1	
13	Impeller cpl.				1	1	ncc
13 11c	Nut				1	1	pcs
12						1	
72	Split cone					1	
14	Wear ring Suction interconnector				1	I	
							pcs
15	Strainer				1		pcs
18b	Clamp				2 4		pcs
18d	Hex socket head cap screw						pcs
18f	Bracket				2		pcs
19	Nut				4		pcs
19	Nut				4		pcs
22	Hex head screw				4		pcs
37	O-ring				1		pcs
68	Seal ring				1		pcs
73	Connecting piece				1		pcs
74	Staybolt				4		pcs
78	Nameplate				2		pcs
78a	Rivet				2		pcs
203	Retainer for valve seat				1		pcs