	GRUNDFO	os X	Company name: Created by: Phone:	
			Date:	08/05/2019
Qty.	Description			
1	CRI 1-21A-FGJ-A-V-HQQV			
	Product No.: 96530620			
	access and service. Power trans DIN-ANSI-JIS flanges.	nless steel. A cartride mission is via a rigid	je shaft seal ensures h split coupling. Pipe co	high reliability, safe handling, and easy
	The pump is fitted with a 3-phase	e, fan-cooled asynch	ronous motor.	
	Controls: Frequency converter:	NONE		
	Liquid temperature range:	Water -20 90 °C 20 °C ature: 998.2 kg/m <sup>3</sup>		
	<b>Technical:</b> Pump speed on which pump data	a are based: 2853 r	pm	
	Rated flow:	1.8 m³/h		
	Rated head: Pump orientation:	96.6 m Vertical		
	Shaft seal arrangement:	Single		
	Code for shaft seal:	HQQV		
	Approvals on nameplate: Curve tolerance:	CE, EAC ISO9906:2012 3B		
	Materials:			
	Base:	Stainless steel EN 1.4408		
	Impeller:	AISI 316 Stainless steel EN 1.4301		
	Bearing:	AISI 304 SIC		
	Installation:			
	Maximum ambient temperature:	60 °C		
	Maximum operating pressure: Max pressure at stated temp:	25 bar 25 bar / 90 °C		
	ויומא אובשטווב מו שומוני ופוווף.	25 bar / -20 °C		
	Type of connection: Size of inlet connection:	DIN / ANSI / JIS DN 25/32 1 1/4 inch		
	Size of outlet connection:	DN 25/32 1 1/4 inch		
	Pressure rating for pipe connecti Flange rating inlet:	on: PN 25 300 lb		



Company name: Created by: Phone:

GRUNDFO		Date:	08/05/2019
Description			
Flange size for motor:	FT100		
	11100		
Electrical data:			
Motor standard:	IEC		
Motor type:	80C		
IE Efficiency class:	IE3		
Rated power - P2:	1.1 kW		
Power (P2) required by pump:	1.1 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-	415Y V	
Rated current:	4.35/2.50 A		
Starting current:	450-500 %		
Cos phi - power factor:	0.83-0.76		
Rated speed:	2840-2870 rpm		
Efficiency:	IE3 82,7%		
Motor efficiency at full load:	82.7 %		
Motor efficiency at 3/4 load:	84.6 %		
Motor efficiency at 1/2 load:	85.4 %		
Number of poles:	2 EE Duct/latting		
Enclosure class (IEC 34-5): Insulation class (IEC 85):	55 Dust/Jetting F		
Motor No:	г 85905176		
MOIOI NO.	00900170		
Others:			
Minimum efficiency index, MEI	≥: 0.70		
Net weight:	33.2 kg		
Gross weight:	37.3 kg		
Shipping volume:	0.092 m <sup>3</sup>		
Country of origin:	GB		
Custom tariff no .:	84137075		



## Company name: Created by: Phone:

	Dale.		08/05/2019			
Value	H [m]			CRI 1-21, 3*400 V, 50Hz		Hz
	-					
CRI 1-21A-EGJ-A-V-HOOV						
	_					
	120 -					
0.0000.2.2.00	- 110 -			$\setminus$		
2853 rpm	100 <b>-</b> 90 <b>-</b>			$\mathbb{N}$		g
1.8 m³/h	_					
96.6 m	- 80 -					- 8
129.2 m	70 -					
21	60 -				· ·	-6
21	50 -					-5
0						
Ν						- 4
Vertical	30 -					-3
Single	20 -					-2
HQQV	10 -					1
CE, EAC	- L					
ISO9906:2012 3B	- 0 <del>4</del>	0.2 0.4 0.6 0.	8 1.0 1.2	1.4 1.6 1.8	2.0 Q [m <sup>3</sup> /	<b>_L</b> ( /h]
Α	P					Ċ
Α	[vv]					$\rightarrow$
	-					
Stainless steel	1000 -					- 5
EN 1.4408	800 -			$\uparrow$	P2	4
AISI 316						
Stainless steel	600 -				1	- 3
EN 1.4301	400 -					2
AISI 304	_					
	200 -					
V						
SIC						
60 °C						
25 bar						
Water						
000.2 Kg/III-						
IFC						
1.1 kW						
1.1 kW						
	CRI 1-21A-FGJ-A-V-HQQV 96530620 5700397212790 2853 rpm 1.8 m³/h 96.6 m 129.2 m 21 21 21 21 0 N Vertical Single HQQV CE, EAC ISO9906:2012 3B A A A Stainless steel EN 1.4408 AISI 316 Stainless steel EN 1.4408 AISI 316 Stainless steel EN 1.4301 AISI 304 A V SIC 60 °C 25 bar 25 bar/ 90 °C 25 bar 25 bar/ 90 °C 25 bar 25 bar/ 90 °C 25 bar 11/4 inch DN 25/32 1 1/4 inch PN 25 300 lb FT100 FGJ Water -20 90 °C 20 °C 998.2 kg/m³	Value   H     CRI   140     1-21A-FGJ-A-V-HQQV   96530620     96530620   120     5700397212790   100     2853 rpm   90     18 m³/h   90     96.6 m   70     129.2 m   70     21   60     21   50     0   40     Vertical   30     Single   20     HQQV   10     CE, EAC   0     ISO9906:2012 3B   0     A   1000     Stainless steel   1000     EN 1.4408   800     AISI 316   600     Stainless steel   600     EN 1.4301   400     A   200     V   0     SIC   60 °C     60 °C   25 bar     25 bar / 90 °C   25 bar     25 bar / 90 °C   25 bar     25 bar / 90 °C   20 °C     DIN / ANSI / JIS   DN 25/32     1 1/4 inch   PN 25     900 °C   2	Value   H     CRI   140     1-21A-FGJ-A-V-HQQV   96530620     95700397212790   120     2853 rpm   100     1.8 m³/h   90     96.6 m   129.2 m     21   0     21   0     21   0     N   Vertical     Single   100     HQQV   CE, EAC     ISO9906:2012 3B   A     A   1000     Stainless steel   IN 1.4408     AISI 316   1000     Stainless steel   1000     EN 1.4408   400     A   200     60 °C   25 bar     25 bar / 90 °C   25 bar / 20 °C     DIN 25/32   1 1/4 inch     DN 25/32   1 1/4 inch     PN 25   300 lb     FT100   FGJ     FGJ   Water     -20 90 °C   20 °C     98.2 kg/m³   IEC     80C   IE3	Value H   CRI 1-21A-FGJ-A-V-HQQV   96530620   5700397212790   2853 rpm   1.8 m³/h   96.6 m   129.2 m   21   0   N   Vertical   Single   HQQV   CE, EAC   ISO9906:2012 3B   A   Stainless steel   EN 1.4408   AlSI 304   A   V   SIC   60 °C   25 bar   20 °C   DIN z/s32   1 1/4 inch   PN 25   300 lb   FT100   FGJ   Water   -20 . 90 °C	Value   H   CRI	Value     High     CRI 1-21, 3*400 V, 50       CRI     140     140       1+21A-FGJ-A-V-HQQV     96530620       5700397212790     100       2853 rpm     13       1.8 m?/h     96.6 m       129.2 m     21       21     21       21     21       21     21       21     21       21     21       21     21       21     21       20     0       N     Vertical       ISO9906:2012 3B     A       A     N       Stainless steel     EN 1.4408       AISI 316     800       Stainless steel     EN 1.4301       AISI 304     A       A     V       Single     90 °C       25 bar / 90 °C     25 bar / 90 °C       25 bar / 90 °C     25 bar / 90 °C       25 bar / 90 °C     25 bar / 90 °C       25 bar / 90 °C     25 bar / 90 °C       300 lb     FT100       FGJ



Company name: Created by: Phone:

		Date:	08/05/2019
Description	Value		
Rated voltage:	3 x 220-240D/380-415Y V	-	
Rated current:	4.35/2.50 A		
Starting current:	450-500 %		
Cos phi - power factor:	0.83-0.76		
Rated speed:	2840-2870 rpm		
Efficiency:	IE3 82,7%		
Motor efficiency at full load:	82.7 %		
Motor efficiency at 3/4 load:	84.6 %		
Motor efficiency at 1/2 load:	85.4 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85905176		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	33.2 kg		
Gross weight:	37.3 kg		
Shipping volume:	0.092 m <sup>3</sup>		
Sales region:	GB		
Country of origin:	GB		
Custom tariff no.:	84137075		