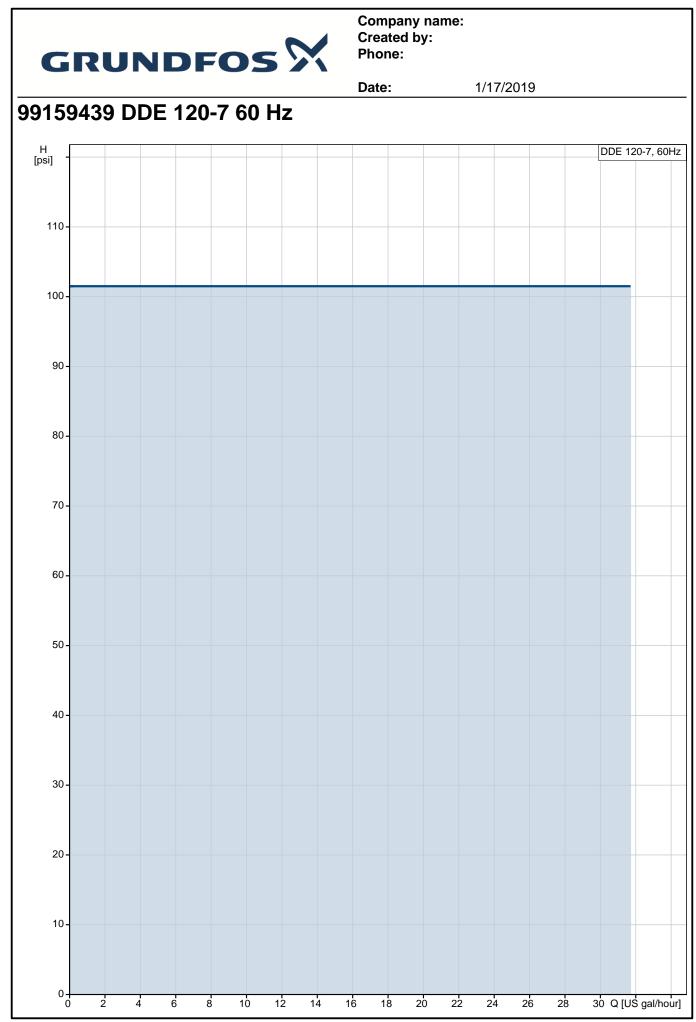
		4	Company name:					
_		$- \mathbf{N}$	Created by: Phone:					
	RUNDFO	5 21						
			Date:	1/17/2019				
Count	Description							
1	DDE 120-7							
	Product photo could vary from the actual product							
	Product No.: 99159439 DDE 120-7 AR-SS/T/SS-F-31A3A3B							
	The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump with variable-speed drive (PMS motor) and intelligent control electronics with minimum energy consumption. The SMART Digital Dosing series operates at full stroke length to ensure optimum accuracy, priming and suction, even for degassing liquids. The duration of each discharge stroke varies according to the capacity set, resulting in optimum smooth and continuous discharge flow.							
	The mounting plate allows quick installation and service. The control cube can be turned easily into front, left or right position. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%. The control elements are protected by a transparent cover.							
	 The dosing head is composed of: Long lifetime and universal, chemically resistant full double PTFE diaphragm. Ball valves for highest dosing accuracy. Deaeration valve for easy startup. 							
	Operating modes: Manual dosing from 0.1 to 100%. Pulse control (divisor function included). Analog 4-20 mA control (scalable maximum flow) 							
	Other features: - 100 % key (maximum capacity), e.g. for deaeration. - Operation mode switch key between manual, pulse and analog. - Status LEDs for pulse, analog and manual.							
	Signal- Inputs/outputs: - Input for pulse, external s - Input for empty tank signa		Α.					
			n 30 V AC/DC (configu	urable, e.g. alarm, low level, full stroke				
	Controls:							
	Control variant:	AR						
	Ext. Stop input:	NO						
	Liquid:							
	Pumped liquid:	Water						
	Liquid temperature range:	32 122 °F						
	Liquid temperature during opera Density:	tion: 68 °F 62.29 lb/ft ³						
	Technical: Type key:	DDE 120-7 AR-SS	/T/SS-F-31A3A3B					



Company name: Created by: Phone:

t Description Max, Flow: 31.7 US gal/hour Min flow: 150 ml/h Turn-down ratio: 1800 Approvals on nameplate: CE,CSA-US,NSF61,RCM Valve type: Standard Maximum viscosity at 100 %: 100 mPas Maximum viscosity in slow mode 50 %: N/A mPas Maximum viscosity in slow mode 25 %: N/A mPas Accuracy of repeatability: 5 % Materials: Dosing head: Stainless Steel 1.4435 Valve ball: Stainless Steel Gasket: PTFE Installation: Range of ambient temperature: 32		L	Date:	1/17/2019
Min flow: 150 ml/h Turn-down ratio: 1:800 Approvals on nameplate: CE,CSA-US,NSF61,RCM Valve type: Standard Maximum viscosity at 100 %: 100 mPas Maximum viscosity in slow mode 50 %: N/A mPas Maximum viscosity in slow mode 25 %: N/A mPas Maximum viscosity in slow mode 25 %: N/A mPas Accuracy of repeatability: 5 % Materials: Dosing head: Stainless Steel 1.4435 Valve ball: Stainless steel Gasket: PTFE Installation: Range of ambient temperature: 32				
Turn-down ratio: 1:800 Approvals on nameplate: CE,CSA-US,NSF61,RCM Valve type: Standard Maximum viscosity at 100 %: 100 mPas Maximum viscosity in slow mode 50 %: N/A mPas Maximum viscosity in slow mode 25 %: N/A mPas Maximum viscosity in slow mode 25 %: N/A mPas Accuracy of repeatability: 5 % Materials: Dosing head: Dosing head: Stainless Steel 1.4435 Valve ball: Stainless steel Gasket: PTFE Installation: Range of ambient temperature: Range of ambient temperature: 32 113 °F Maximum operating pressure: 102 psi Installation set: NO Installation type: No installation set Pump nulte: Conn. threaded 3/4#NPTF CodeA3 Pump outlet: Conn. threaded 3/4#NPTF CodeA3 Max. Suction lift during priming: 4.922 ft Maximum power input - P1: 62 W Main frequency: 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Lengt				
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Others:Net weight:15.4 lbGross weight:17.6 lb		•		
Net weight:15.4 lbGross weight:17.6 lb	rush current:	70A at 240V (35A/10	00V) for 2ms	
Gross weight: 17.6 lb	thers:			
Gross weight: 17.6 lb	et weight:	15.4 lb		





Company name: Created by: Phone:

		-		
Description	Value	H [psi]		DDE 120-7, 60Hz
General information:		-		
Product name:	DDE 120-7	110		
Product No.:	99159439			
EAN:	5712607842277			
Technical:		100 -		
	DDE 120-7			
Туре кеу:	AR-SS/T/SS-F-31A3A3B	90 -		
Max. Flow:	31.7 US gal/hour			
Min flow:	150 ml/h			
Turn-down ratio:	1:800	80 -		
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	-		
Valve type:	Standard	-		
Maximum viscosity at 100 %:	100 mPas	70 -		
Maximum viscosity in slow mode 50 %:	N/A mPas	-		
Maximum viscosity in slow mode 25 %:		60 -		
Accuracy of repeatability:	5 %			
Materials:	J /U			
		50 -		
Dosing head:	Stainless Steel 1.4435	_		
Valve ball:	Stainless steel			
Gasket:	PTFE	40 -		
Installation:				
Range of ambient temperature:	32 113 °F			
Maximum operating pressure:	102 psi	30 -		
Installation set:	NO			
Installation type:	No installation set	20 -		
Pump inlet:	Conn. threaded 3/4#NPTF CodeA3			
Pump outlet:	Conn. threaded 3/4#NPTF CodeA3	10 -		
Max. Suction lift during operation:	9.843 ft	-		
Max. Suction lift during priming:	4.922 ft	0	5 10 1	5 20 25 Q [US gal/hour
Liquid:		0	5 10 1	5 20 25 Q [US gai/100]
Pumped liquid:	Water			
Liquid temperature range:	32 122 °F		29	
			36	
Liquid temperature during operation:	68 °F			
Density:	62.29 lb/ft ³			
Electrical data:			r O	
Maximum power input - P1:	62 W		٩	
Main frequency:	60 Hz		۲۱ <u>ا</u>	
Rated voltage:	1 x 100-240 V	- 183.5	13	
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	140.5	—• •	15.94*
Length of cable:	4.922 ft			<u>G 5/4"</u>
Type of cable plug:	USA, Canada			
Inrush current:	70A at 240V (35A/100V) for 2ms			
Controls:				
Control variant:	AR		D	
Control panel:	FRONT-MOUNTED	194		
Ext. Stop input:	NO	H		
Others:				
Net weight:	15.4 lb			
Gross weight:	17.6 lb			
COLOR:	RED			

