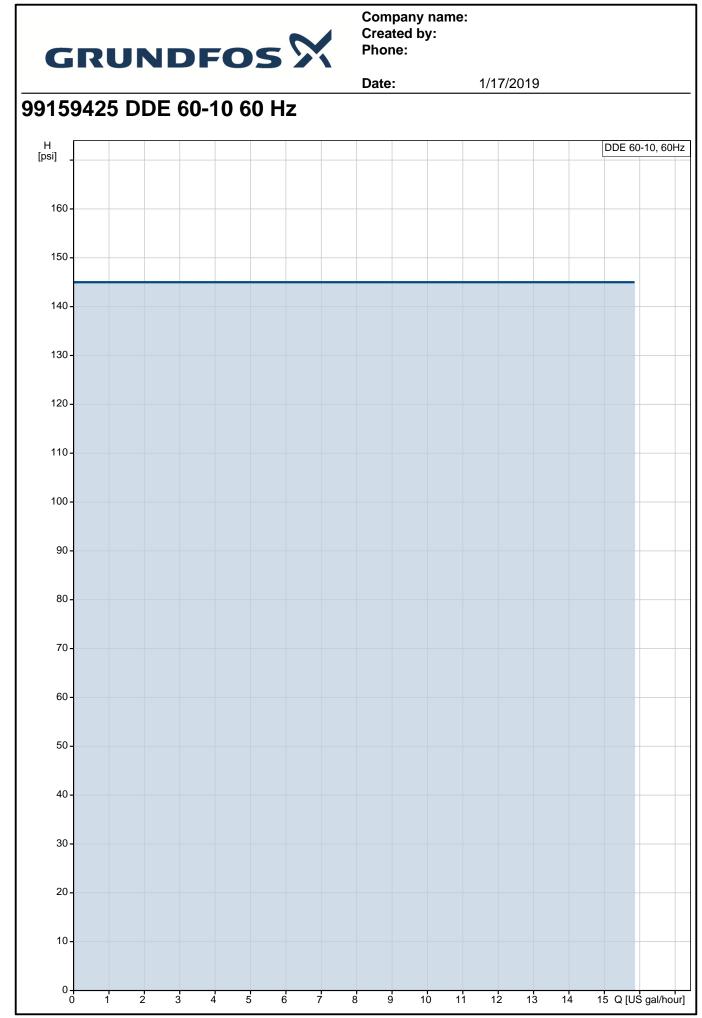
			Company name:					
			Created by:					
C	RUNDFO	SX	Phone:					
			Data	1/17/2010				
Count	Description		Date:	1/17/2019				
Count	Description DDE 60-10							
	Product photo could vary from the actual product							
	Product No.: 99159425 DDE 60-10 AR-SS/T/SS-F-31A3A3B							
	The SMART Digital DDE is 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 o - Long lifetime and univers - Ball valves for highest do - Deaeration valve for easy	al, chemically resist sing accuracy.	tant full double PTFE	diaphragm.				
	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 stop, analog 4-20 mA. Input for empty tank signal. Two potential-free output relays for maximum 30 V AC/DC (configurable, e.g. alarm, low level, full stroke signal and pulse) 							
	Controls: Control variant: Ext. Stop input:	AR NO						
	Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water 32 122 °F tion: 68 °F 62.29 lb/ft ³						
	Technical: Type key:	DDE 60-10 AR-SS	6/T/SS-F-31A3A3B					



Company name: Created by: Phone:

Description Max. Flow: 15.85 US gal/hour Min flow: 75 m/h Turn-down ratio: 1300 Approvals on nameplate: CE, CSA-US,NSF61,RCM Wakimum viscosity in slow mode 25 %: 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 Gasekt: PTFE Installation: Range of ambient temperature: 2 113 °F Maximum operating pressure: 145 psi Installation set: Installation set: NO Installation set Pum Pump nielt: Conn. threaded 3/4#NPTF CodeA3 Pump outlet: Conn. threaded 3/4#NPTF CodeA3 Max. Suction lift during operation: 9.48 ft Max. Suction lift during priming: 4.922 ft Electrical data: Maximum power input - P1: 62 W Main frequency: 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEM 4/X Length of cable: 4.922 ft	–		Date:	1/17/2019
Min flow:75 ml/hTurn-down ratio:1:800Approvals on nameplate:CE, CSA-US, NSF61, RCMValve type:StandardMaximum viscosity at 100 %:100 mPasMaximum viscosity in slow mode 50 %:N/A mPasMaximum viscosity in slow mode 25 %:N/A mPasMaximum viscosity in slow mode 25 %:N/A mPasMaterials:Dosing head:Dosing head:Stainless Steel 1.4435Valve ball:Stainless Steel 1.4435Valve ball:Stainless steelGasket:PTFEInstallation: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 Accuracy of repeatability: 5 % Materials: Dosing head: Stainless Steel 1.4435 Valve ball: Stainless steel Gasket: PTFE Installation: Range of ambient temperature: 32 113 °F Maximum operating pressure: 145 psi Installation set: NO Installation type: No installation set Pump inlet: Conn. threaded 3/4#NPTF CodeA3 Pump outlet: Conn. threaded 3/4#NPTF CodeA3 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 Length of cable: 4.922 ft Type of cable plug: USA, Canada Inrush current: T0A at 240V (35A/100V) for 2ms Others: T0A at 240V (35A/100V) for 2				
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Others:Net weight:13.2 lbGross weight:15.4 lb				
Net weight:13.2 lbGross weight:15.4 lb	Inrush current:	70A at 240V (35A/	100V) for 2ms	
Gross weight: 15.4 lb				
COLOR: RED				
	COLOR:	RED		



Printed from Grundfos Product Center [2018.08.004]



Company name: Created by: Phone:

		Date:		1/17	/2019				
Description	Value	H [psi]					DD	E 60-10,	60H
General information:	Value								
Product name:	DDE 60-10	160 -							-
Product No.:	99159425								
EAN:	5712607842130	150 -							-
Technical:	57 12007 642 150								
rechnical:		140 -							-
Туре кеу:	DDE 60-10 AR-SS/T/SS-F-31A3A3B	130 -							
Max. Flow:	15.85 US gal/hour								
Min flow:	75 ml/h	120 -							-
Turn-down ratio:	1:800								
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	110 -							-
Valve type:	Standard								
Maximum viscosity at 100 %:	100 mPas	100 -							
Maximum viscosity in slow mode 50 %:									
Maximum viscosity in slow mode 25 %:		90 -							
Accuracy of repeatability:	5 %	80 -							
Materials:	5 /8	-00							
	Stainland Starl 4 4405	70 -							
Dosing head:	Stainless Steel 1.4435	,01							
Valve ball:	Stainless steel	60 -							
Gasket:	PTFE								
Installation:		50 -							
Range of ambient temperature:	32 113 °F								
Maximum operating pressure:	145 psi	40 -							
nstallation set:	NO								
Installation type:	No installation set	30 -							_
	Conn. threaded 3/4#NPTF	-							
Pump inlet:	CodeA3 Conn. threaded 3/4#NPTF	20 -							-
Pump outlet:	CodeA3	10 -							-
Max. Suction lift during operation:	9.843 ft	0							
Max. Suction lift during priming:	4.922 ft	0	2	4 6	8	10	12 C	US gal/	/hoi
Liquid:									
Pumped liquid:	Water				29	187			
Liquid temperature range:	32 122 °F				36	140	4 x 00		
Liquid temperature during operation:	68 °F				пe		An		-
Density:	62.29 lb/ft ³			1 C C N				1	
Electrical data:	02.20 10/10			e	MM		<u>u</u> sî ≡ ,	105	80
Maximum power input - P1:	62 W			- -	s h				-
Main frequency:	60 Hz			ŭ	-			i	ļ
						159 -	a 07		
Rated voltage:	1 x 100-240 V	.	183.5		13	172.5	1		
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	· · · ·	40.5			15.94" 14.33"	-	-	
Length of cable:	4.922 ft	. Haic			G 5/4"		H		
Type of cable plug:	USA, Canada				[][IN	<u> </u>	
Inrush current:	70A at 240V (35A/100V) for 2ms							283.5	
Controls:		25		T	T I		E		
Control variant:	AR	্ হা 🖻		4.41	<u>/</u>	<u> </u>			
Control panel:	FRONT-MOUNTED		• [↓ ↓					
Ext. Stop input:	NO		194						
Others:									
Net weight:	13.2 lb								
-									
Gross weight:	15.4 lb								
COLOR:	RED								

