				Company name: Created by:				
C		INDFOS	Phone:	Created by: Phone:				
		NDF037	Date:	12/6/2018				
Position	Count	Description	Date.	12/0/2010				
	1	DDE 6-10						
		Product photo could vary from the actual product Product No.: 97721114						
		DDE 6-10 P-PV/T/C-X-311003B	G					
	The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump w variable-speed drive (stepper motor) and intelligent control electronics with minimum ener consumption. The SMART Digital Dosing series operates at full stroke length to ensure of accuracy, priming and suction, even for degassing liquids. The duration of each discharge varies according to the capacity set, resulting in optimum smooth and continuous discharge							
		The click-stop mounting plate allows installation in three different positions without using any additional accessories. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%.						
		<ul> <li>The dosing head is composed of: <ul> <li>Long lifetime and universal chemical resistant Full-PTFE diaphragm.</li> <li>Double ball valves for highest dosing accuracy.</li> <li>Deaeration valve for easy start-up.</li> </ul> </li> <li>Operation modes: <ul> <li>Manual dosing from 0.1 to 100%.</li> <li>Pulse control (divisor function included).</li> </ul> </li> </ul>						
	pulse. uthorised access.							
	Signal- Inputs/outputs: - Input for pulse, external stop. - Input for empty tank signal.							
		<ul> <li>Installation set includes:</li> <li>2 pump connections (Hose 0,17x1/4" 3).</li> <li>Foot valve (without level switch).</li> <li>Injection unit.</li> <li>6 m PE discharge hose.</li> <li>2 m PVC suction hose.</li> <li>2 m PVC deaeration hose (4/6 mm).</li> </ul>						
		<b>Technical:</b> Type key: Max. Flow: Min flow: Turn-down ratio: Approvals on nameplate: Valve type:	DDE 6-10 P-PV/T/C-X- 1.585 US gal/hour 6.0 ml/h 1:1000 CE,CSA-US,NSF61,R4 Standard					

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Company name: Created by: Phone:

			Date:	12/6/2018			
Position	Count	Description					
		Maximum viscosity at 100 %:	50 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:	PVDF (Polyvinylidene fluoride	e)			
		Valve ball:	Ceramic	,			
		Gasket:	PTFE				
		Installation:					
		Range of ambient temperature:					
		Maximum operating pressure:	145 psi				
		Installation set:	YES				
		Installation type:	0,17x1/4" up to 7,5 l/h,16bar				
		Pump inlet:	Hose 0,17x1/4" 3				
		Pump outlet:	Hose 0,17x1/4" 3				
		Max. Suction lift during operation Max. Suction lift during priming:					
			0.002 1				
		Liquid: Pumped liquid:	Matar				
		Liquid temperature range:	Water 14 113 °F				
		Liquid temperature during opera					
		Density:	62.29 lb/ft <sup>3</sup>				
		Electrical data:					
		Maximum power input - P1:	19 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 USA, Canada				
		Type of cable plug: Inrush current:	25A at 230V for 2ms				
			25A at 250V 101 2115				
		Controls:	P				
		Control variant: Level control:	P YES				
		Pulse control:	YES				
		Ext. Stop input:	YES				
		Output relays:	YES				
		Others:					
		Net weight:	4.41 lb				
		Gross weight: Custom tariff no.:	6.62 lb 8413.50.0050				
			6413.30.0050				



Company name: Created by:

Phone: Date: 12/6/2018 97721114 DDE 6-10 60 Hz H [psi] DDE 6-10, 60Hz 160 150 140. 130-120 110 100. 90 80 70 60 50 40 30 20. 10-0 0.2 0.3 0.4 0.5 0.6 0.7 0.9 1.0 1.1 1.2 1.3 1.4 1.5 Q [US gal/hour] 0.1 0.8



## Company name: Created by: Phone:

		Date:		12/6/2018				
Description	Value	H [psi]				DD	E 6-10, 60	
General information:								
Product name:	DDE 6-10	160 -						
Product No.:	97721114	450						
EAN:	5710622712544	150 -						
Technical:		140 -						
Type key:	DDE 6-10 P-PV/T/C-X-31I003BG	130 -						
Max. Flow:	1.585 US gal/hour							
Min flow:	6.0 ml/h	120 -						
Turn-down ratio:	1:1000							
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	110-						
Valve type:	Standard							
Maximum viscosity at 100 %:	50 mPas	100 -						
Maximum viscosity in slow mode 50 %:	N/A mPas	90 -						
Maximum viscosity in slow mode 25 %:		30						
Accuracy of repeatability:	5 %	80 -						
Materials:								
Dosing head:	PVDF (Polyvinylidene fluoride)	70 -						
Valve ball:	Ceramic	60 -						
Gasket:	PTFE							
Installation:		50 -						
Range of ambient temperature:	32 113 °F							
Maximum operating pressure:	145 psi	40 -						
Installation set:	YES	30 -						
Installation type:	0,17x1/4" up to 7,5 l/h,16bar	20 -						
Pump inlet:	Hose 0,17x1/4" 3							
Pump outlet:	Hose 0,17x1/4" 3	10 -						
Max. Suction lift during operation:	19.69 ft							
Max. Suction lift during priming:	6.562 ft	• 0 <b> </b> -	0.2 0.4	0.6	0.8 1.0	1.2 Q	[US gal/ho	
Liquid:			0.2 0.1	0.0	0.0 1.0	Q	loo gaino	
Pumped liquid:	Water							
Liquid temperature range:	14 113 °F	0.69	4.33	t	9.88" G 5/8"		4	
Liquid temperature during operation:	68 °F			+				
Density:	62.29 lb/ft <sup>3</sup>							
Electrical data:								
Maximum power input - P1:	19 W			7.72"			<u> </u>	
Main frequency:	60 Hz		• • •				6.3	
Rated voltage:	1 x 100-240 V		ၜၟၜၜ					
Enclosure class (IEC 34-5):	IP65 / NEMA 4X						η V	
Length of cable:	4.922 ft	4 xØ 0.24	4.13"		0.94* 6	34"	0.67"	
Type of cable plug:	USA, Canada	· · · · · · · · · · · · · · · · · · ·	4.72"					
Inrush current:	25A at 230V for 2ms							
Controls:	201 01 200 101 21113							
Control variant:	Р							
Level control:	YES							
Pulse control:	YES							
Ext. Stop input:	YES							
Output relays:	YES							
Others:	4 44 11-							
Net weight:	4.41 lb							
Gross weight:	6.62 lb							
Custom tariff no.:	8413.50.0050							

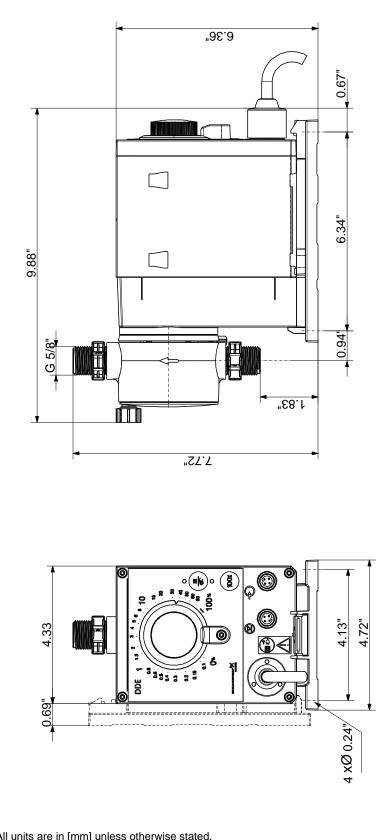


Company name: Created by: Phone:

Date:

12/6/2018

## 97721114 DDE 6-10 60 Hz



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