G		INDFOS	Company n Created by: Phone:					
			Date:	12/7/2018				
Position	Count	Description						
	1	DDE 15-4						
			Product photo could var	y from the actual product				
		Product No.: 97721147 DDE 15-4 B-PV/T/C-X-31U7U7BG						
		 The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump with variable-speed drive (stepper 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 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%. The dosing head is composed of: Long lifetime and universal chemical resistant Full-PTFE diaphragm. Double ball valves for highest dosing accuracy. Deaeration valve for easy start-up. Operation modes: Manual dosing from 0.1 to 100%. Other features: Mechanical lock to protect the pump against unauthorised access. 						
	Technical:Type key:DDE 15-4 B-PV/T/C-X-31U7U7BGMax. Flow:3.963 US gal/hourMin flow:15.0 ml/h							
		Turn-down ratio: Approvals on nameplate: Valve type: Maximum viscosity at 100 %: Maximum viscosity in slow mode Maximum viscosity in slow mode Accuracy of repeatability:	mode 50 %: N/A mPas					
		Materials: Dosing head: Valve ball: Gasket:	PVDF (Polyvinylidene f Ceramic PTFE	luoride)				
		Installation: Range of ambient temperature: Maximum operating pressure: Installation set: Installation type:	32 113 °F 58 psi NO No installation set					



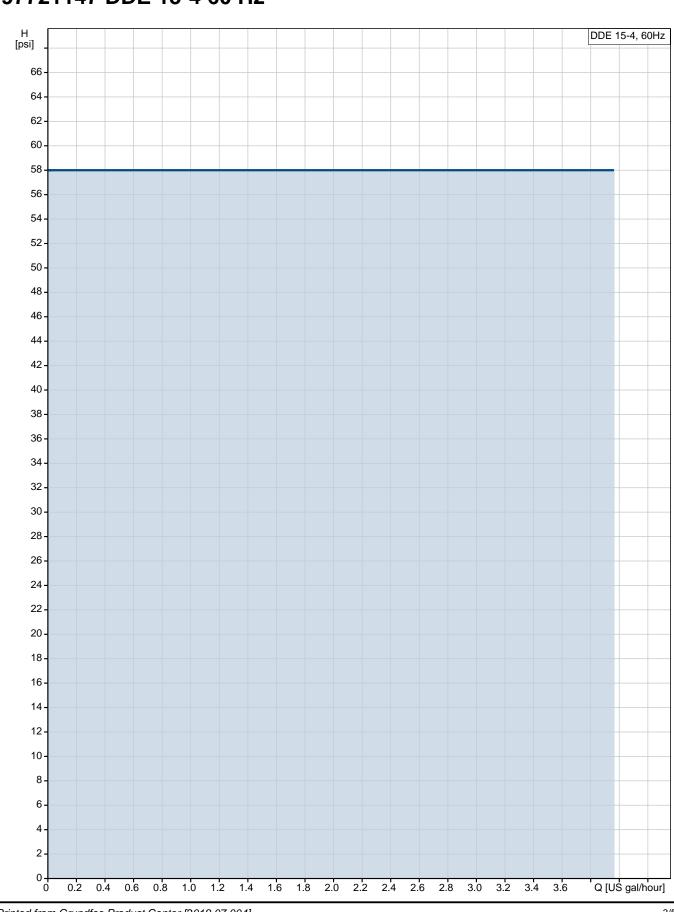
			Date:	12/7/2018
Position	Count	Description		
		Pump inlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	
		Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	
		Max. Suction lift during operatio		
		Max. Suction lift during priming:	9.843 1	
		Liquid:		
		Pumped liquid:	Water	
		Liquid temperature range:	14 113 °F	
		Liquid temperature during opera Density:	ation: 68 °F 62.29 lb/ft ³	
		Density.		
		Electrical data:		
		Maximum power input - P1:	19 W	
		Main frequency:	60 Hz	
		Rated voltage: Enclosure class (IEC 34-5):	1 x 100-240 V IP65 / NEMA 4X	
		Length of cable:	4.922 ft	
		Type of cable plug:	USA, Canada	
		Inrush current:	25A at 230V for 2ms	
		Controls:		
		Control variant:	В	
		Ext. Stop input:	NO	
		Others:	4 44 11-	
		Net weight: Gross weight:	4.41 lb 6.62 lb	
		Custom tariff no.:	8413.50.0050	
	I	I		



12/7/2018

Date:

97721147 DDE 15-4 60 Hz





		Date:	12	/7/2018	
Description	Value	H [psi]			DDE 15-4, 60H
General information:	- Tuluo	65 -			
Product name:	DDE 15-4				
Product No.:	97721147	-			
EAN:	5710622712872	60 -			
Technical:	0110022112012	-			
	DDE 15-4	55 -			
Type key:	B-PV/T/C-X-31U7U7BG				
Max. Flow:	3.963 US gal/hour	50 -			
Min flow:	15.0 ml/h	-			
Turn-down ratio:	1:1000	45 -			
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	45-			
Valve type:	Standard	-			
Maximum viscosity at 100 %:	50 mPas	40 -			
Maximum viscosity in slow mode 50 %:		-			
Maximum viscosity in slow mode 25 %:		35 -			
Accuracy of repeatability:	5 %	-			
Materials:	5 %	30 -			
	PVDF (Polyvinylidene				
Dosing head:	fluoride)	05			
Valve ball:	Ceramic	25 -			
Gasket:	PTFE	-			
Installation:		20 -			
Range of ambient temperature:	32 113 °F	-			
Maximum operating pressure:	58 psi	15 -			
Installation set:	NO	-			
Installation type:	No installation set	10			
	0.17x 1/4, 1/4x3/8,	-			
Pump inlet:	3/8x1/2"	5_			
Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	_ 0			
Max. Suction lift during operation:	19.69 ft	0).5 1.0 1	.5 2.0 2.5	3.0 Q [US gal/hou
Max. Suction lift during priming:	9.843 ft			.0 2.0 2.0	
Liquid:					
Pumped liquid:	Water	0.69	4.33	G 5/8"	88"
Liquid temperature range:	14 113 °F				
Liquid temperature during operation:	68 °F				<u> </u>
Density:	62.29 lb/ft ³				
Electrical data:			<u>J</u>	7.89	
Maximum power input - P1:	19 W		• <u></u>		
Main frequency:	60 Hz		0 0		
Rated voltage:	1 x 100-240 V				
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	4 xØ 0.24	1.13" 1.72"	0.94"	6.34"0.67"
Length of cable:	4.922 ft		•		
Type of cable plug:	USA, Canada				
Inrush current:	25A at 230V for 2ms				
Controls:					
Control variant:	В				
Ext. Stop input:	NO				
Others:					
Net weight:	4.41 lb				
Gross weight:	6.62 lb				
Custom tariff no.:	8413.50.0050				
	0413.30.0030				

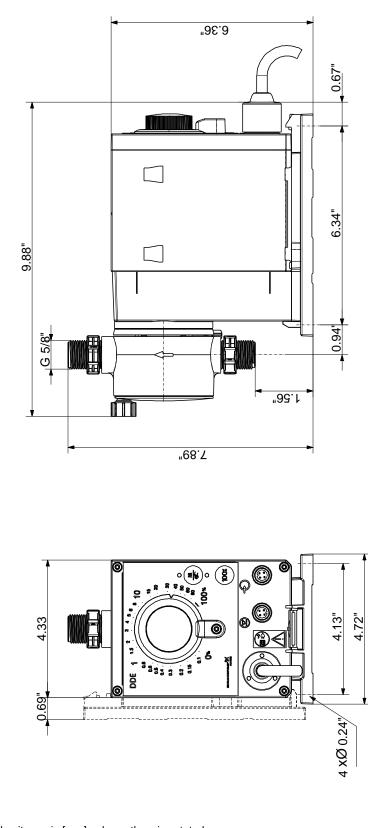


Date:

1

12/7/2018

97721147 DDE 15-4 60 Hz



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