G	RU	INDFOS	Created by:	Company name: Created by: Phone:				
			Date:	12/6/2018				
Position	Count	Description						
	1	DDE 15-4						
	Product photo could vary from the actual product							
		Product No.: 97721144 DDE 15-4 B-PV/V/C-X-31I004B	G					
	The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump variable-speed drive (stepper motor) and intelligent control electronics with minimum en consumption. The SMART Digital Dosing series operates at full stroke length to ensure accuracy, priming and suction, even for degassing liquids. The duration of each dischar varies according to the capacity set, resulting in optimum smooth and continuous dischart							
		 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. Installation set includes: 2 pump connections (Hose 3/8x1/2" S). Foot valve (without level switch). Injection unit. 6 m PE discharge hose. 2 m PVC suction hose. 						
	- 2 m PVC deaeration hose (4/6 mm).							
		Technical: Type key: Max. Flow: Min flow:	DDE 15-4 B-PV/V/C-X- 3.963 US gal/hour 15.0 ml/h	31I004BG				
		Turn-down ratio:1:1000Approvals on nameplate:CE,CSA-US,NSF61,RCMValve type:StandardMaximum viscosity at 100 %:50 mPasMaximum viscosity in slow mode 50 %:N/A mPasMaximum viscosity in slow mode 25 %:N/A mPasAccuracy of repeatability:5 %						
		Materials: Dosing head: Valve ball:	PVDF (Polyvinylidene f Ceramic	luoride)				



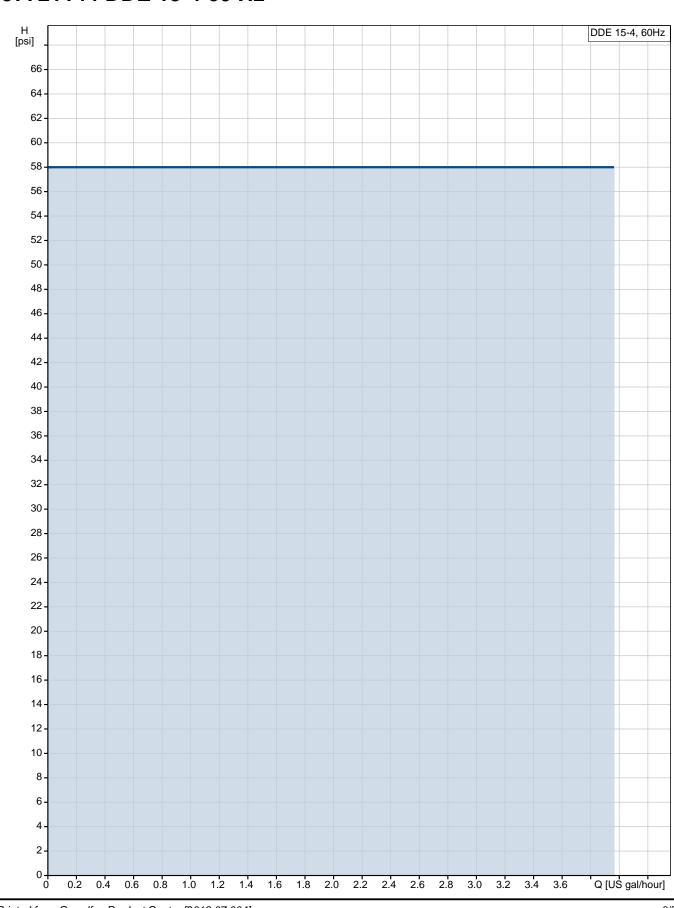
			Date:	12/6/2018				
sition	Count	Description						
		Gasket:	FKM					
		Installation:						
		Range of ambient temperature:	32 113 °F					
		Maximum operating pressure:						
		Installation set:	YES					
		Installation type:	3/8"x1/2" up to 60 l/h,10bar					
		Pump inlet:	Hose 3/8x1/2" S					
		Pump outlet:	Hose 3/8x1/2" S					
		Max. Suction lift during operation						
	Max. Suction lift during priming: 9.843 ft							
		Liquid:						
		Pumped liquid:	Water					
		Liquid temperature range:	14 113 °F					
		Liquid temperature during opera						
		Density:	62.29 lb/ft ³					
		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 4.922 ft					
		Length of cable: Type of cable plug:	USA, Canada					
		Inrush current:	25A at 230V for 2ms					
			2011 01 2001 101 2000					
		Controls:						
		Control variant:	B					
		Ext. Stop input:	NO					
		Others:						
		Net weight:	4.41 lb					
		Gross weight:	6.62 lb					
		Custom tariff no .:	8413.50.0050					
	1							



12/6/2018

Date:

97721144 DDE 15-4 60 Hz



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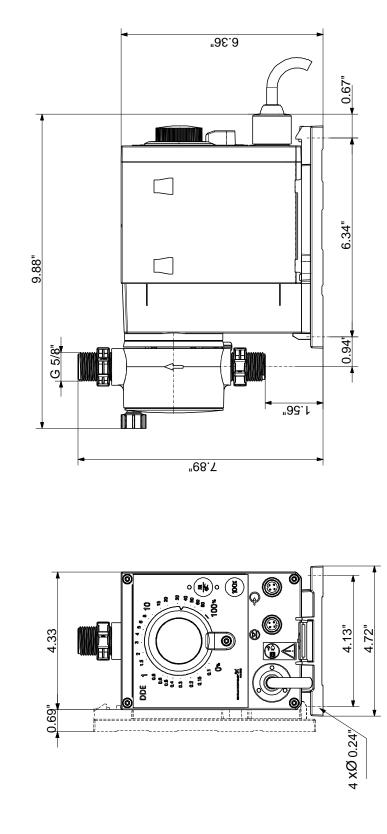
		Date:		12/6/20	10			
Description	Value	H [psi]					DDE 15	5-4, 60H
General information:	- Clark	65						
Product name:	DDE 15-4	0.5						
Product No.:	97721144							
EAN:	5710622712841	60 -						
Technical:								
Type key:	DDE 15-4 B-PV/V/C-X-31I004BG	55 -						
Max. Flow:	3.963 US gal/hour	50 -						
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 %:	N/A mPas	-						
Maximum viscosity in slow mode 25 %:	N/A mPas	35 -						
Accuracy of repeatability:	5 %	-						
Materials:	0.10	30 -						
Dosing head:	PVDF (Polyvinylidene fluoride)							
Valve ball:	Ceramic	25 -						
Gasket:	FKM	-						
Installation:		20 -						
Range of ambient temperature:	32 113 °F							
Maximum operating pressure:	58 psi	15						
Installation set:	YES	-						
Installation type:	3/8"x1/2" up to 60 I/h,10bar	10-						
Pump inlet:	Hose 3/8x1/2" S	·						
Pump outlet:	Hose 3/8x1/2" S	5-						
Max. Suction lift during operation:	19.69 ft							
Max. Suction lift during priming:	9.843 ft	0	0.5 1.0	1.5	2.0	2.5 3.0	o ius	gal/hou
Liquid:			0.0 1.0	1.0	2.0		@ [00	gaintoa
Pumped liquid:	Water							
Liquid temperature range:	14 113 °F	0.69	4.33	+	G 5/8"	9.88"		
Liquid temperature during operation:	68 °F			Ŧ				
Density:	62.29 lb/ft ³	-			₩₩₩₩₩₩		<u> </u>	
Electrical data:			\bigcirc		1			
Maximum power input - P1:	19 W		\bigcirc	7.897	1 11			
Main frequency:	60 Hz	· (8-		17	╚╈╝╢		4	6.36
Rated voltage:	1 x 100-240 V) g o o			_	∣∏⊧	5
Enclosure class (IEC 34-5):	IP65 / NEMA 4X			1	╩┥┥┍╋			U
Length of cable:	4.922 ft	4 xØ 0.24	4.13"		0.94"	6.34"	0.0	57"
Type of cable plug:	USA, Canada	e						
Inrush current:	25A at 230V for 2ms							
Controls:	III 2007 IOI 2000							
Control variant:	В							
Ext. Stop input:	NO							
Others:								
Net weight:	4.41 lb							
Gross weight:	6.62 lb							
	0.02 10							



Date:

12/6/2018

97721144 DDE 15-4 60 Hz



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