G	RU	INDFOS	Company n Created by: Phone:					
			Date:	12/6/2018				
Position	Count	Description						
	1	DDE 15-4						
			Product photo could var	y from the actual product				
		Product No.: 97721132 DDE 15-4 B-PVC/V/C-X-311004	BG					
	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 opt 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:</li> <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>						
	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:       DDE 15-4 B-PVC/V/C-X-311004BG         Max. Flow:       3.963 US gal/hour         Min flow:       15.0 ml/h         Turn-down ratio:       1:1000         Approvals on nameplate:       CE,CSA-US,NSF61,RCM         Valve type:       Standard         Maximum viscosity at 100 %:       50 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 %							
		<b>Materials:</b> Dosing head: Valve ball:	PVC (Polyvinyl chloride Ceramic	e)				



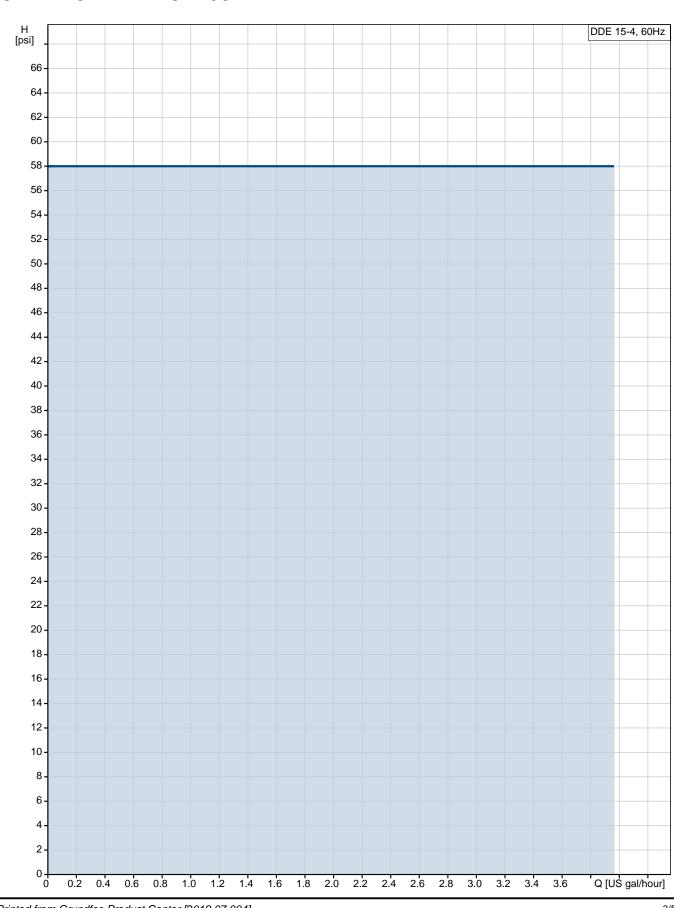
			Date:	12/6/2018
sition	Count	Description		
		Gasket:	FKM	
		Installation:		
		Range of ambient temperature:	32 113 °F	
		Maximum operating pressure:		
		Installation set:	YES	
		Installation type:	3/8"x1/2" up to 60 l/h,10bar	
		Pump inlet:	Hose 3/8x1/2" S	
		Pump outlet:	Hose 3/8x1/2" S	
		Max. Suction lift during operation Max. Suction lift during priming:		
		Max. Odellon int during prinning.	5.045 h	
		Liquid:		
		Pumped liquid:	Water	
		Liquid temperature range:	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 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:

## 97721132 DDE 15-4 60 Hz





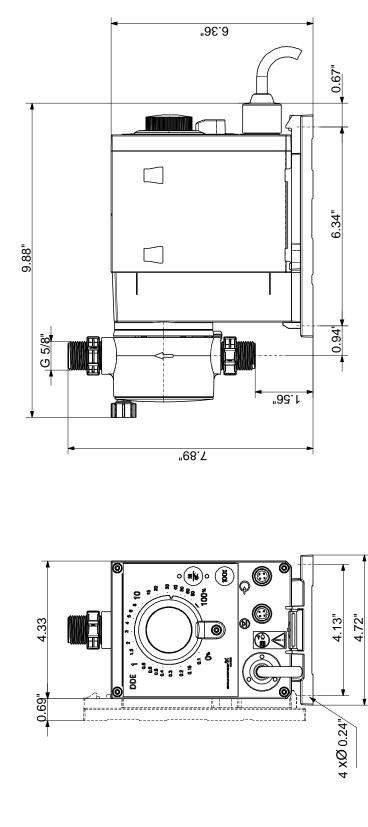
	Date:	1	2/0/2010			
Value	H [psi]				DDE	15-4, 60Hz
	-					
DDE 15-4						
97721132						
5710622712728	60 -					
	-					
DDE 15-4 B-PVC/V/C-X-31I004BG	55 -					
3.963 US gal/hour	50 -					
15.0 ml/h	-					
1:1000	45					
	40					
	-					
	40 -					
	35 -					
5 %	30					
$P_{V}(C)$ (Polywiny) chlorido)						
	25 -					
FKM						
00 440 %	20 -					
	15					
-						
	10-					
	5-					
9.843 ft	0					
	0 0	.5 1.0	1.5 2.0	2.5 3.0	อ ฉู่เเ	JS gal/hour
Water						
14 113 °F				9.88"		
68 °F	9.69 4	l.33 +	-	3 5/8"		
62.29 lb/ft <sup>3</sup>						
			_   <b>₽</b> _^		Π	
19 W						
60 Hz			7.89		15	
1 x 100-240 V		<u>ک</u> ک	ר			
IP65 / NEMA 4X			:8	╷╷┥		$\mathbb{P}$
	4 <u>xØ 0.24</u> 4	13" 72"		0.94" 6.34"		0.67
25A at 230V for 2ms		7				
В						
4 41 lb						
6.62 lb						
	97721132 5710622712728 DDE 15-4 B-PVC/V/C-X-311004BG 3.963 US gal/hour 15.0 ml/h 1:1000 CE,CSA-US,NSF61,RCM Standard 50 mPas N/A mPas 50 mPas N/A mPas 5 % PVC (Polyvinyl chloride) Ceramic FKM 32 113 °F 58 psi YES 3/8"x1/2" up to 60 //h,10bar Hose 3/8x1/2" S Hose 3/8x	Value       H         DDE 15-4       97721132         5710622712728       60         DDE 15-4       57         B-PVC/V/C-X-311004BG       3.963 US gal/hour         15.0 ml/h       1:1000         CE,CSA-US,NSF61,RCM       40         Standard       40         50 mPas       40         N/A mPas       35         N/A mPas       35         5 %       30         PVC (Polyvinyl chloride)       25         Ceramic       25         FKM       20         32 113 °F       58         58 psi       15         YES       3/8x1/2" S         19.69 ft       9.843 ft         0       0         Water       14 113 °F         68 °F       62.29 lb/ft³         19 W       60 Hz         1 x 100-240 V       1         IP65 / NEMA 4X       4.922 ft         USA, Canada       25A at 230V for 2ms         B       NO	Value       Harrishi and the second sec	Value       Image: standard standar	Value       Image: Head of the second s	Value     DDE       DDE 15-4     9772132       5710622712728     60       DDE 15-4     60       B-PVC/V/C-X-311004BG     50       3.963 US gal/hour     55       58     60       CE, CSA-US, NSF61, RCM       Standard       50 mPas       N/A mPas       5%       PVC (Polyvinyl chloride)       Ceramic       Ceramic       7KM       32113 °F       58 psi       YES       3/8"x1/2" s       Hose 3/8x1/2" S       Hose 1/8 C



Date:

12/6/2018

## 97721132 DDE 15-4 60 Hz



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