

Date:

7/31/2018

Position Count Description **DDE 15-4** 1 Product photo could vary from the actual product Product No.: 97721131 DDE 15-4 B-PVC/V/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-PVC/V/C-X-31U7U7BG 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 Accuracy of repeatability: 5% Materials: Dosing head: PVC (Polyvinyl chloride) Valve ball: Ceramic Gasket: FKM Installation: Range of ambient temperature: 32 .. 113 °F Maximum operating pressure: 58 psi Installation set: NO Installation type: No installation set 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 operation: 19.69 ft Max. Suction lift during priming: 9.843 ft Liquid: Pumped liquid: Water Liquid temperature range: 14 .. 113 °F Liquid temperature during operation: 68 °F



Date: 7/31/2018 Position Count Description Density: 62.29 lb/ft3 **Electrical data:** Maximum power input - P1: 19 W Main frequency: 50 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: Inrush current: USA, Canada 25A at 230V for 2ms Controls: Control variant: В NO Ext. Stop input: Others: Net weight: 4.41 lb Gross weight: 6.62 lb



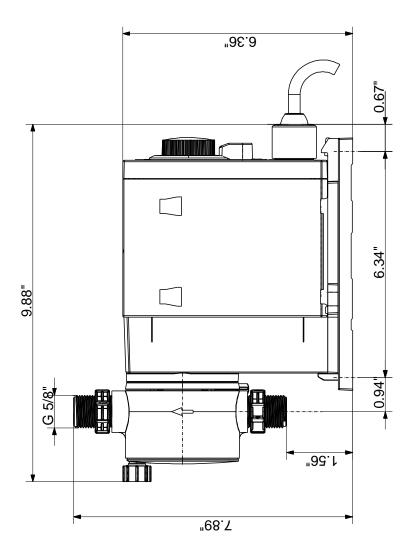
		Date:		81/2018		
Description	Value	H [psi]				DDE 15-4, 50Hz
General information:	Tuido	66 -				
Product name:	DDE 15-4	64 -				
Product No.:	97721131	62 -				
EAN:	5710622712711	60 -				
Technical:						
Type key:	DDE 15-4 B-PVC/V/C-X-31U7U7BG	58 -				
Max. Flow:	3.963 US gal/hour	56 -				
Min flow:	15.0 ml/h	54 -				
Turn-down ratio:	1:1000	52 -				
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	50 -				
Valve type:	Standard	48 -				
Maximum viscosity at 100 %:	50 mPas	46 -				
Maximum viscosity at 100 %. Maximum viscosity in slow mode 50 %:	N/A mPas	44 -				
Maximum viscosity in slow mode 50 %.	N/A mPas	42 -				
Accuracy of repeatability:	5 %	40 -				
	5 %	38 -				
Materials:	$D_{1}^{1}(\Omega_{1})$	36 -				
Dosing head:	PVC (Polyvinyl chloride)	34 -				
Valve ball:	Ceramic					
Gasket:	FKM	32 -				
Installation:	00 440 °E	30 -				
Range of ambient temperature:	32 113 °F	28 -				
Maximum operating pressure:	58 psi	26 -				
Installation set:	NO	24 -				
Installation type:	No installation set	22 -				
Pump inlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	20 -				
Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	18 -				
Max. Suction lift during operation:	19.69 ft	16 -				
Max. Suction lift during priming:	9.843 ft	14 -				
Liquid:		12-				
Pumped liquid:	Water	10-				
Liquid temperature range:	14 113 °F	8-				
Liquid temperature during operation:	68 °F	6-				
Density:	62.29 lb/ft ³					
Electrical data:		4-				
Maximum power input - P1:	19 W	2-				
Main frequency:	50 Hz	0	0.5 1.0	1.5	2.0 2.5 3.0	Q [US gal/hour]
Rated voltage:	1 x 100-240 V					
Enclosure class (IEC 34-5):	IP65 / NEMA 4X					
Length of cable:	4.922 ft	<u>q</u> .69"	4.33	ŀ	9.88"	
Type of cable plug:	USA, Canada			-	G 5/8	
Inrush current:	25A at 230V for 2ms					
Controls:			CE 1 4 3 3 6 4 4 10			
Control variant:	В				↓ ↓- ↓ ↓	
Ext. Stop input:	NO			7.89*		
Others:		-	<u> </u>	"		8:30
Net weight:	4.41 lb		MB B B			
Gross weight:	6.62 lb					━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━
-		T.	4.12"		0.94" 6.34"	0.67"
		4 <u>xØ 0.24</u>	4.13"		-= ^{p.34} =0.34	0.67"
		-	٦			

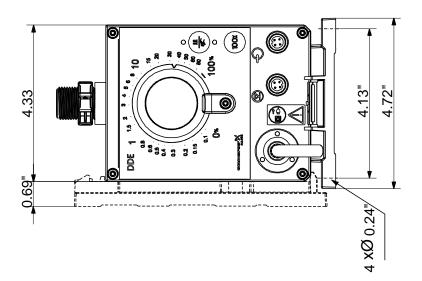


97721131 DDE 15-4 50 Hz

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