G	RU	INDFOS 🕅	Company name: Created by: Phone:	
			Date:	11/14/2018
Position	Count	Description		
	1	DDA 7.5-16		
		Produc	Section 2010       Created by: Phone:         Date:       11/14/2018    Patter:          11/14/2018          Section 2010       Patter:         11/14/2018       Interview 11/14/2018    Patter:          11/14/2018          11/14/2018       Interview 11/14/2018    Patter:          11/14/2018          11/14/2018       Interview 11/14/2018    Patter:          11/14/2018       Interview 11/14/14/2018    Patter:          11/14/2018       Interview 11/14/14/2018    Patter:          11/14/2018       Interview 11/14/14/2018    Patter:	
		Product No.: 97722386 DDA 7.5-16 AR-PV/T/C-F-31I003B		
	The SMART Digital DDA 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 optin accuracy, priming and suction, even for high-viscosity or degassing liquids. The duration of e discharge stroke varies according to the capacity set, resulting in optimum smooth and contin discharge flow. The click-stop mounting plate allows installation in three different positions without using any additional accessories. The control cube can be turned easily into front, left or right position. wheel and the multi-coloured backlit graphical, plain-text LC display make commissioning an operation intuitive. The control elements are protected by a transparent cover.			
		wheel and the multi-coloured backlit grap	hical, plain-text LC dis	play make commissioning and
		<ul> <li>The dosing head is composed of:</li> <li>Long lifetime and universal, chemi</li> <li>Double ball valves for highest dosi</li> <li>Deaeration valve for easy start-up.</li> </ul>	ng accuracy.	E diaphragm.
		<ul> <li>Analog control 0/4-20 mA (scalable</li> <li>Pulse-based batch function in ml, I</li> <li>Timer-based batch function (Dosin</li> </ul>	e). or gal. g timer, cycle or week	
		<ul> <li>Two SlowMode steps (anti-cavitati (maximum flow: 0.4966 US gal/hot)</li> <li>Service information display to show required.</li> <li>Two-step key lock function to prote</li> <li>Additional display function to provi</li> <li>Counter for total dosed volume (re</li> </ul>	on), 50 % (maximum f ur), e.g. for high-viscos v when service and w ect the pump against u de further information, settable), operating ho	flow: 0.9906 US gal/hour) and 25 % sity or degassing liquids. hich wear-part order number is unauthorised access. , e.g. the actual mA input signal. purs, etc.
		<ul><li>pump dosing, timer etc.)</li><li>Output analog 0/4-20mA.</li></ul>	signal. r max. 30 V AC/DC (c	



cription 2 pump connections (Hos Foot valve (without level s Injection unit. 6 m PE discharge hose. 2 m PVC suction hose. 2 m PVC deaeration hose hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: n-down ratio:	switch).	003B
Foot valve (without level s Injection unit. 6 m PE discharge hose. 2 m PVC suction hose. 2 m PVC deaeration hose hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	switch). e (4/6 mm). DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
Injection unit. 6 m PE discharge hose. 2 m PVC suction hose. 2 m PVC deaeration hose hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	e (4/6 mm). DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
6 m PE discharge hose. 2 m PVC suction hose. 2 m PVC deaeration hose hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
2 m PVC suction hose. 2 m PVC deaeration hose hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
2 m PVC deaeration hose <b>hnical:</b> e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
hnical: e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	DDA 7.5-16 AR-PV/T/C-F-31I 1.981 US gal/hour 0.9906 US gal/hour	003B
e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	1.981 US gal/hour 0.9906 US gal/hour	003B
e key: . Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: h-down ratio:	1.981 US gal/hour 0.9906 US gal/hour	003B
. Flow: . flow in slow mode 50%: . flow in slow mode 25%: flow: I-down ratio:	1.981 US gal/hour 0.9906 US gal/hour	
. flow in slow mode 25%: flow: I-down ratio:		
flow: n-down ratio:	0.4966 LIS gal/bour	
n-down ratio:	÷	
	2.5 ml/h	
	1:3000	
rovals on nameplate:	CE,CSA-US,NSF61,RCM	
e type:	Standard	
imum viscosity at 100 %: imum viscosity in slow mode	50 mPas	
imum viscosity in slow mode		
uracy of repeatability:	1%	
erials:		
ing head:	PVDF (Polyvinylidene fluoride	2)
re ball:	Ceramic	•)
ket:	PTFE	
allation:		
ge of ambient temperature:	32 113 °F	
imum operating pressure:	232 psi	
allation set:	YES	
allation type:	0,17x1/4" up to 7,5 l/h,16bar	
ip inlet:	Hose 0,17x1/4" 3	
ip outlet:	Hose 0,17x1/4" 3	
. Suction lift during operation		
. Suction lift during priming:	6.562 ft	
ıid:		
ped liquid:	Water	
id temperature range:	14 113 °F	
id temperature during opera		
Sity:	62.29 ID/II <sup>3</sup>	
trical data:		
sh current:	25A at 230V for 2ms	
trols:		
	AR	
	YES	
e control:	YES	
	0/4-20 mA	
	imum power input - P1: a frequency: d voltage: osure class (IEC 34-5): a of cable: e of cable plug: sh current: trols: crol variant: el control: og input: e control:	trical data:imum power input - P1:24 Wa frequency:60 Hzad voltage:1 x 100-240 Vosure class (IEC 34-5):IP65 / NEMA 4Xad of cable:4.922 fta of cable plug:USA, Canadash current:25A at 230V for 2mstrols:arol variant:ARal control:YESog input:0/4-20 mAe control:YESStop input:YES



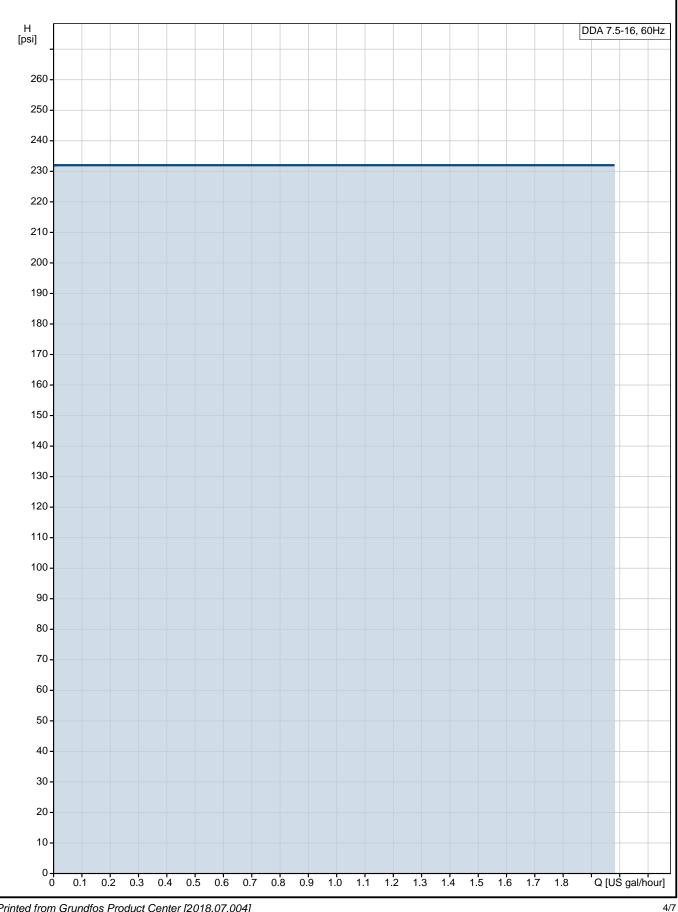
			Date:	11/14/2018
Position	Count	Description		
		Output relays:	2	
		Bus communication:	2 YES	
		Others:		
		Net weight: Gross weight:	6.62 lb 8.82 lb	
		Gross weight: COLOR:	RED	
		Custom tariff no.:	8413.50.0050	



11/14/2018

Date:

## 97722386 DDA 7.5-16 60 Hz





Value	H [psi]			DDA 7.5-16	ο, ο0Η
	260 -				
DDA 7.5-16	250 -				
97722386	240				
5710622725285					_
DDA 7.5-16 AR-PV/T/C-F-31I003B	220 - 210 -				
1.981 US gal/hour	200 -				
	190				
-					
-					
					-
	160 -				
	150 -				
	140 -				
	130				
1 %	110 -				
	100 -				-
PVDF (Polyvinylidene fluoride)	90 -				
Ceramic					
PTFE	70 -				
	60 -				
32 113 °F	50 -				
232 psi	40 -				
	30				
0,17x1/4" up to 7,5 l/h,16bar	20 -				
Hose 0 17x1/4" 3	10 -				
	0				<u> </u>
	0 0.2	2 0.4 0.6 0	.8 1.0 1.2 1	.4 1.6 Q [US ga	il/hou
0.302 ft					
Wotor	0.69 4.33	+	<u>G 5/8"</u>		
	⊛()	$\Theta$	┓╷╷╢╶┓╴	ע וים נ	
62.29 lb/ft <sup>3</sup>					7.91"
	j jo				
		0			2
					υ,
	4 xØ 0.24 4.13"		0.94*	6.34* 0.67*	
IP65 / NEMA 4X		61"			
4.922 ft	r.	٦			
USA, Canada					
25A at 230V for 2ms					
AR					
15					
0.00 //					
	5710622725285 DDA 7.5-16 AR-PV/T/C-F-311003B 1.981 US gal/hour 0.9906 US gal/hour 0.4966 US gal/hour 2.5 ml/h 1:3000 CE,CSA-US,NSF61,RCM Standard 50 mPas 1800 mPas 2500 mPas 1 % PVDF (Polyvinylidene fluoride) Ceramic PTFE 32 113 °F 232 psi YES 0,17x1/4" up to 7,5 l/h,16bar Hose 0,17x1/4" 3 Hose 0,17x1/4" 3 Hose 0,17x1/4" 3 19.69 ft 6.562 ft Water 14 113 °F 68 °F 62.29 lb/ft <sup>3</sup> 24 W 60 Hz 1 x 100-240 V IP65 / NEMA 4X 4.922 ft USA, Canada 25A at 230V for 2ms	5710622725285 $230$ DDA 7.5-16 $220$ AR-PV/T/C-F-311003B $210$ 1.981 US gal/hour $200$ 0.9906 US gal/hour $190$ 0.4966 US gal/hour $180$ 2.5 ml/h $170$ 1:3000       CE, CSA-US, NSF61, RCM         Standard $50$ 50 mPas $140$ 1800 mPas $120$ 19.69 ft $50$ 0.17x1/4" up to 7.5 $10$ 19.69 ft $6.562$ ft         Water $14$ 14113 °F $68$ °F         62.29 lb/ft³ $4902$ 24 W $60$ Hz         1 x 100-240 V $4902$ YES $0/4 - 20$ m	5710622725285       240       230         DDA 7.5-16       220       200         AR-PV/T/C-F-311003B       200       200         1.981 US gal/hour       200       190         0.9906 US gal/hour       200       190         0.4966 US gal/hour       200       190         1.3000       CE,CSA-US,NSF61,RCM       180         Standard       100       170         500 mPas       130       120         1%       110       100         PVDF (Polyvinylidene fluoride)       200       0.2       0.4       0.6         Ceramic       PTFE       30       0.17x1/4" up to 7.5       100       90       0.2       0.4       0.6       0         9.65 ft       Water       14113 °F       68 °F       62.29 lb/ff³       24 W       0.562 ft         Water       14113 °F       68 °F       62.29 lb/ff³       24 W       0.4.0.6       0         60 Hz       1 x 100-240 V       1965 / NEMA 4X       4.922 ft       4.92.2       1.92.0.4       0.4.0.6       0.4.0.6         VA-20 mA       YES       0/4-20 mA       2.       1.4.0.4.2       1.92.0.4       1.92.0.4       1.92.0.4       1.92.0.4       1	5710622725285         DDA 7.5-16 AR-PV/T/C-F-311003B         1.981 US gal/hour         0.9906 US gal/hour         0.4866 US gal/hour         2.5 ml/h         1:3000         CE, CSA-US,NSF61,RCM         Standard         50 mPas         1300         2500 mPas         120         2500 mPas         130         2500 mPas         130         2500 mPas         130         220         0.71x1/4" up to 7,5         /h,16bar         0.72x1/4" up to 7,5         /h,16bar         130-0240 V         PB5 / NEMA 4X         4.3221 t         USA, Canada         25A at 230V for 2ms         AR         FRONT-MOUNTED         YES         0/4-20 mA         YES <t< td=""><td>5710622725285         DDA 7,5-16         AR,-PV/T/C-F-311003B         1.981 US gal/hour         0.9966 US gal/hour         2.5 ml/h         13000         CE CSA-US,NSF61,RCM         Standard         50 mPas         1800 mPas         2500 mPas         1800 mPas         2500 mPas         180         190         0.17x1/4" up to 7,5         1/h, flobar         19.69 ft         6.562 ft         Water         14.113 *F         62.2 9 lb/ft<sup>3</sup>         24 W         60 Hz         1x 100-240 V         IP65 / NEMA AX         4.922 ft         USA, Canada         25A at 230V for 2ms         AR         FRONT-MOUNTED         YES         0/4-20 mA         YES         0/4-20 mA         YES         0/4-20 mA         YES         YES         6.52 lb</td></t<>	5710622725285         DDA 7,5-16         AR,-PV/T/C-F-311003B         1.981 US gal/hour         0.9966 US gal/hour         2.5 ml/h         13000         CE CSA-US,NSF61,RCM         Standard         50 mPas         1800 mPas         2500 mPas         1800 mPas         2500 mPas         180         190         0.17x1/4" up to 7,5         1/h, flobar         19.69 ft         6.562 ft         Water         14.113 *F         62.2 9 lb/ft <sup>3</sup> 24 W         60 Hz         1x 100-240 V         IP65 / NEMA AX         4.922 ft         USA, Canada         25A at 230V for 2ms         AR         FRONT-MOUNTED         YES         0/4-20 mA         YES         0/4-20 mA         YES         0/4-20 mA         YES         YES         6.52 lb

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Value RED Date:

11/14/2018

Description COLOR: Custom tariff no.:

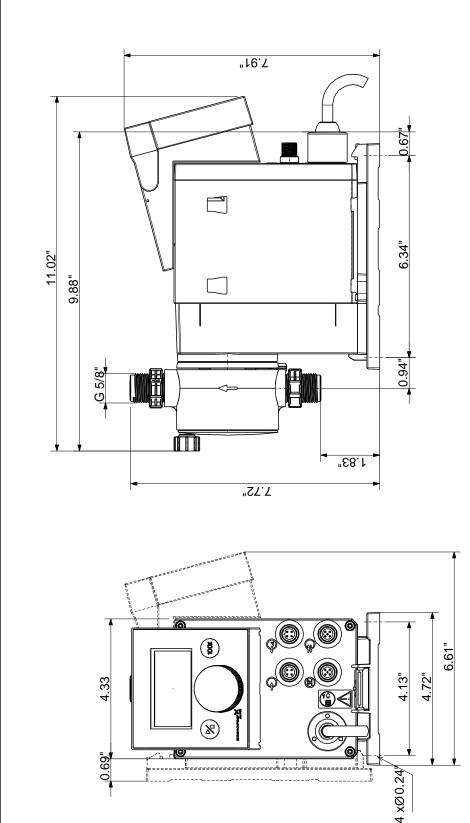
8413.50.0050



Date:

11/14/2018

## 97722386 DDA 7.5-16 60 Hz



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