

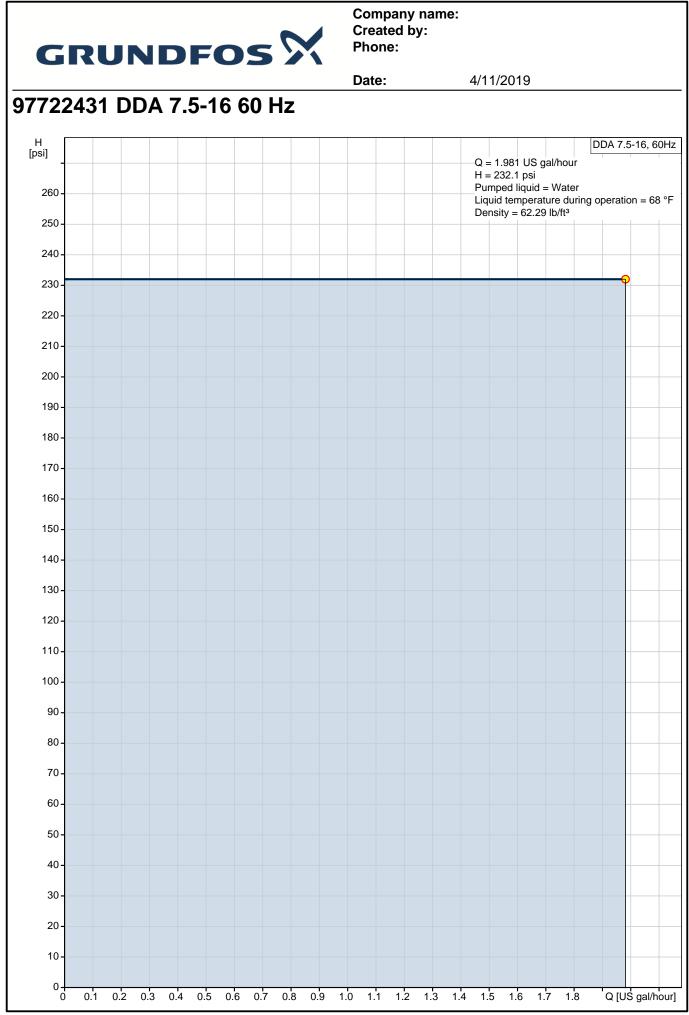




			Date:	4/11/2019			
ount	Description						
	- Input for pulse, analog 0/4-20mA, external stop.						
	- Input for low-level and en			nfigurable, e.g. alarm, stroke signal, pump			
	dosing, timer etc.)	Telays for max.	SU V AC/DC (CO	ingulable, e.g. alarm, stroke signal, pump			
	- Output analog 0/4-20mA						
	- Fieldbus communication interface (GeniBus, also for additional Profibus DP E-box to retrofit Technical:						
	Type key:	DDA 7.5-16 FC	M-PP/V/C-F-32	J7U7			
	Max. Flow:	1.981 US gal/ho					
	Max. flow in slow mode 50%:	0.9906 US gal/l					
	Max. flow in slow mode 25%:	0.4966 US gal/l	nour				
	Min flow:	2.5 ml/h					
	Turn-down ratio:	1:3000					
	Approvals on nameplate: Valve type:	CE,CSA-US,RC Spring-Loaded					
	Maximum viscosity at 100 %:	600 mPas					
	Maximum viscosity in slow mode		Pas				
	Maximum viscosity in slow mode						
	Accuracy of repeatability:	1 %					
	Materials:						
	Dosing head:	PP (Polypropyle	ene)				
	Valve ball:	Ceramic	5110)				
	Gasket:	FKM					
	Installation:						
	Range of ambient temperature:	32 113 °F					
	Maximum operating pressure:	232.06 psi					
	Installation set:	NO					
	Installation type:	No installation s	set				
	Pump inlet:	0.17x 1/4, 1/4x3	,				
	Pump outlet:	0.17x 1/4, 1/4x3	3/8, 3/8x1/2"				
	Max. Suction lift during operation						
	Max. Suction lift during priming:	6.56 ft					
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	14 113 °F					
	Selected liquid temperature:	68 °F					
	Density:	62.29 lb/ft ³					
	Electrical data:						
	Maximum power input - P1:	24 W					
	Main frequency:	60 Hz					
	Rated voltage:	1 x 100-240 V					
	Enclosure class (IEC 34-5):	IP65 / NEMA 42	X				
	Length of cable:	4.92 ft					
	Type of cable plug: Inrush current:	USA, Canada 25A at 230V for	· 2ms				
	Controls:	5014					
	Control variant:	FCM					
	Level control:	YES					
	Analog input: Pulse control:	0/4-20 mA YES					
	Ext. Stop input:	YES					
	Analog output:	0/4-20 mA					
	Output relays:	2					
		-					



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			Date:	4/11/2019		
Count	Description					
	Bus communication:	YES				
	Others:					
	Net weight:	4.41 lb				
	Gross weight: COLOR:	6.62 lb RED				
		NED .				





		Date:	1 1 1	/11/201				
Description	Value	H [psi]					DDA 7.5	5-16, 60H
General information:		260 -			232.1	US gal/hour osi		
Product name:	DDA 7.5-16	250 -		Pur	nped liq	uid = Water		
Product No.:	97722431					perature durir 2.29 lb/ft3	ng operatio	on = 68 °F
EAN:	5710622725735	240 -		Dei		2.23 10/10		
Technical:		230 -						
Turne keyu	DDA 7.5-16	220 -						
Type key:	FCM-PP/V/C-F-32U7U7	210 -						
Max. Flow:	1.981 US gal/hour	200 -						
Max. flow in slow mode 50%:	0.9906 US gal/hour	190 -						
Max. flow in slow mode 25%:	0.4966 US gal/hour	180 -						
Min flow:	2.5 ml/h	170 -						
Turn-down ratio:	1:3000							
Approvals on nameplate:	CE,CSA-US,RCM	160 -						
Valve type:	Spring-Loaded (HV-version)	150 -						
Maximum viscosity at 100 %:	600 mPas	140 -						
Maximum viscosity in slow mode		130 -						
50 %:	1800 mPas	120 -						
Maximum viscosity in slow mode	2500 mBac	110 -						
25 %:	2500 mPas							
Accuracy of repeatability:	1 %	100 -						
Materials:		90 -						
Dosing head:	PP (Polypropylene)	80 -						
Valve ball:	Ceramic	70 -						
Gasket:	FKM	60 -						
Installation:		50 -						
Range of ambient temperature:	32 113 °F	40 -						
Maximum operating pressure:	232.06 psi							
Installation set:	NO	30 -						
Installation type:	No installation set	20 -						
Pump inlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	10-						
Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	- 0 	0.2 0.4 0.6	5 0.8 1	.0 1.	2 1.4	1.6 Q [U	
Max. Suction lift during operation:	19.7 ft		0.2 0.4 0.6	0.0 1	.0 1.	2 1.4		s yai/110ui
Max. Suction lift during priming:	6.56 ft					11.00"		
Liquid:				-		9.88"	-	-1
Pumped liquid:	Water	0.69 4.3	3	-	G 5/8"			
Liquid temperature range:	14 113 °F							A
Selected liquid temperature:	68 °F				∽╢ℾ			$\setminus $
Density:	62.29 lb/ft ³	- <u>®(</u>			∲ H			N.
Electrical data:	02.20 10/11			7.72*				7.91
Maximum power input - P1:	24 W							
Main frequency:	60 Hz		00	1.83	\top		┛	\square
Rated voltage:	1 x 100-240 V				₽		<u> </u>	U
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	4 xØ 0.24 4.13			0 .94"	6.34"	0.67*	-
Length of cable:	4.92 ft	-	6.61"					
0								
Type of cable plug:	USA, Canada							
Inrush current:	25A at 230V for 2ms							
Controls:	FOM							
Control variant:	FCM							
Control panel:	FRONT-MOUNTED							
Level control:	YES							
Analog input:	0/4-20 mA							
Pulse control:	YES							
Ext. Stop input:	YES							
Analog output:	0/4-20 mA							
Output relays:	2							
Bus communication:	YES							
Others:								
Net weight:	4.41 lb							
Gross weight:	6.62 lb							

Printed from Grundfos Product Center [2019.02.002]



Date:

4/11/2019

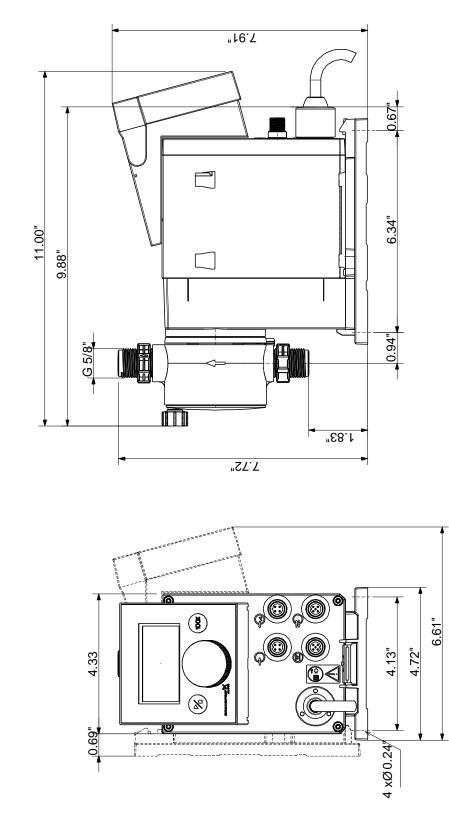
Description COLOR: Value RED



Date:

4/11/2019

97722431 DDA 7.5-16 60 Hz



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

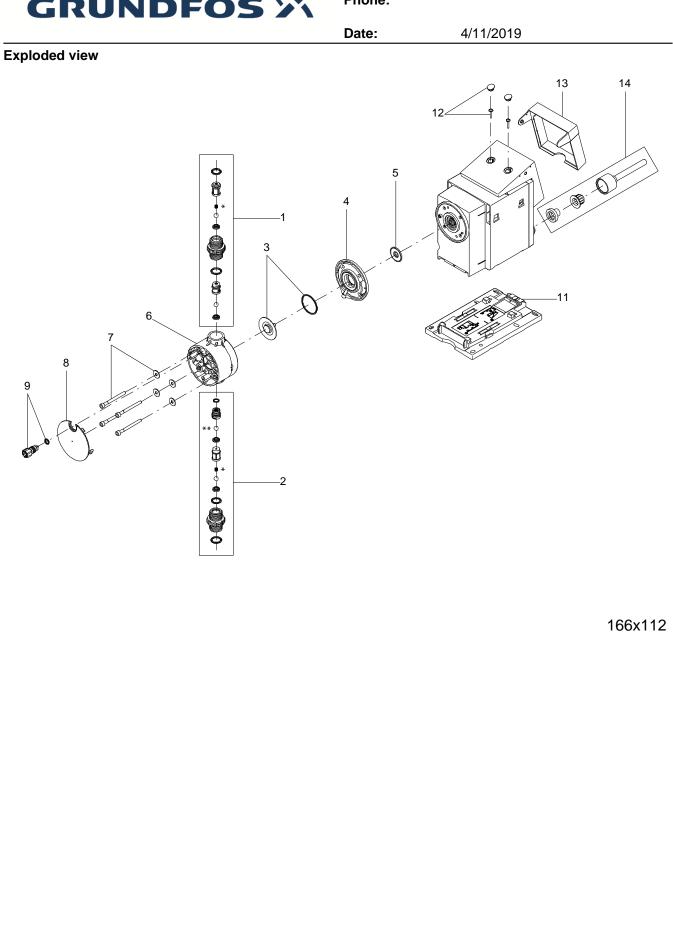


4/11/2019

Product name: DDA 7.5-16 Amount: 1 Product No.: 97722431

Total: Price on request







4/11/2019

Parts list DDA 7.5-16, Prod number 97722431 Produced After 1132 (production year and week number)

Position	Description	Annotation	Classification data	Part No.	Count	Unit
- 1	Discharge valve cpl.				1	pcs
	O-ring				1	
	O-ring				1	
	Valve seat				1	
	Ball				2	
	Valve housing				1	
	Ball cage				1	
	Ball cage				1	
	Compression spring				1	
- 2	Suction valve cpl.				1	pcs
	O-ring				1	
	O-ring				1	
	O-ring				1	
	Valve seat				2	
	Ball				1	
	Valve housing				1	
	Ball cage				1	
	Ball cage				1	
	Compression spring				1	
3	O-ring		Diameter: 35		1	pcs
			Material type: EPDM			
			Thickness: 2			
3	Diaphragm				1	pcs
4	Pump head flange				1	pcs
5	Diaphragm				1	pcs
6	Pump head				1	pcs
7	Washer				4	pcs
7	Hex socket head cap screw				4	pcs
8	Pump head cover				1	pcs
- 9	Venting valve				1	pcs
	O-ring				1	
	Spindle				1	
11	Base plate				1	pcs
12	Cover for screw				2	pcs
12	Pan washer head screw				2	pcs
13	Cover for cube				1	pcs
14	Power cable				1	pcs