

- Input for pulse, analog 0/4-20mA and external stop.



			Date:	12/13/2018			
ount	Description						
	- Input for low-level and empty-tank signal.						
	- Two potential-free output relays for maximum 30 V AC/DC (configurable, e.g. alarm, stroke signal, pump						
	dosing, timer etc.)						
	- Output analog 0/4-20mA.						
	- Fieldbus communication interface (GENIbus, for connecetion of the Grundfos CIU fieldbus converter).						
	Controlo						
	Controls: Control variant:	FCM					
	Level control:	YES					
		0/4-20 mA					
	Analog input: Pulse control:	YES					
		YES					
	Ext. Stop input:	. = •					
	Analog output:	0/4-20 mA					
	Output relays:	2					
	Bus communication:	YES					
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	32 104 °F					
	Liquid temperature during opera						
	Density:	62.29 lb/ft ³					
	Technical:						
	Type key:	DDA 200-4 FCM-	PVC/E/C-F-31A	7A7			
	Max. Flow:	52.83 US gal/hou					
	Max. flow in slow mode 50%:	26.42 US gal/hou					
	Max. flow in slow mode 25%:	13.21 US gal/hou					
	Min flow:	250 ml/h					
	Turn-down ratio:	1:800					
	Approvals on nameplate:	CE,CSA-US,NSF					
	Valve type:	Standard					
	Maximum viscosity at 100 %:	100 mPas					
			~~				
ļ	Maximum viscosity in slow mode						
	Maximum viscosity in slow mode		as				
	Accuracy of repeatability:	1 %					
	Materials:						
ļ	Dosing head:	PVC (Polyvinyl cl	nloride)				
	Valve ball:	Ceramic	,				
	Gasket:	EPDM					
	Installation:						
	Range of ambient temperature:	32 113 °F					
	Maximum operating pressure:	58 psi					
	Installation set:	NO					
	Installation type:	No installation se	t				
	Pump inlet:	Conn. Threaded	3/4#NPTM Code	A7			
	Pump outlet:	Conn. Threaded					
	Max. Suction lift during operation						
	Max. Suction lift during priming:						
	Electrical data:						
	Maximum power input - P1:	62 W					
	Main frequency:	60 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:	USA, Canada					
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						



Company name: Created by:

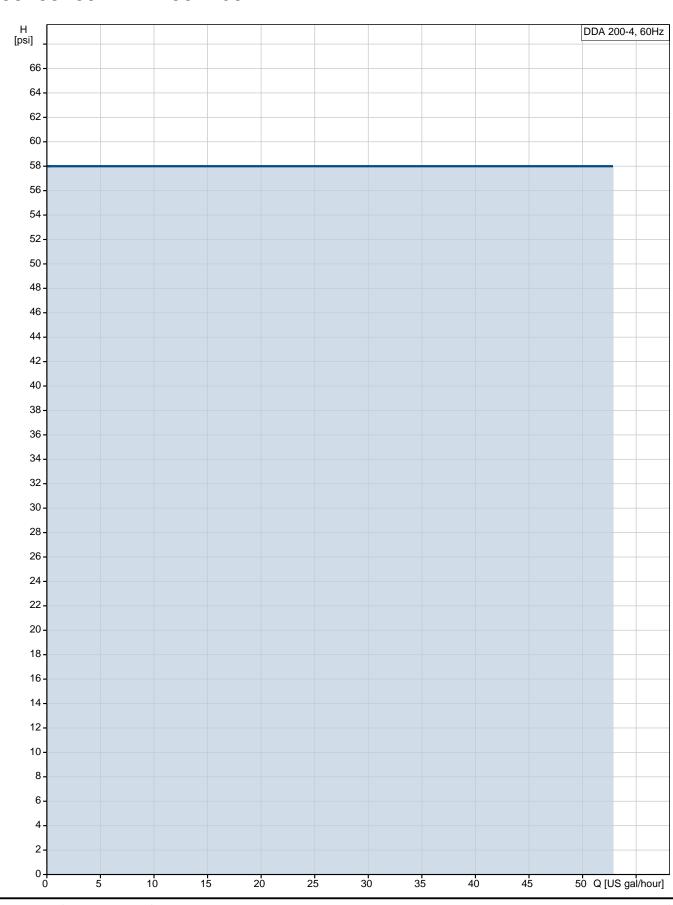
C	RUND	FOS 🕅	Phone:						
			Date:	12/13/2018					
Count	Description								
	Inrush current:	70A at 240V (70A at 240V (35A/100V) for 2ms						
	Others:								
	Net weight:	15.4 lb							
	Gross weight: COLOR:	17.6 lb RED							



12/13/2018

Date:

99159489 DDA 200-4 60 Hz





	·		12/13/2018					
Description	Value	H [psi]					DDA 200	-4, 60H
General information:		65 -						
Product name:	DDA 200-4	-						
Product No.:	99159489	60 -						
EAN:	5712607842772	00-						
Technical:		· [
Type key:	DDA 200-4 FCM-PVC/E/C-F-31A7A7	55 -						
Max. Flow:	52.83 US gal/hour	50 -						
Max. flow in slow mode 50%:	26.42 US gal/hour							
Max. flow in slow mode 25%:	13.21 US gal/hour	45 -						
Min flow:	250 ml/h							
Turn-down ratio:	1:800							
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	40-						
Valve type:	Standard							
Maximum viscosity at 100 %:	100 mPas	35 -						
-	1000 mPas							
Maximum viscosity in slow mode 55 %:		30 -						
Accuracy of repeatability:	1 %]						
Materials:	ı /U							
Dosing head:	PVC (Polyvinyl chloride)	25 -						
Valve ball:	Ceramic							
		20 -						
Gasket: Installation:	EPDM							
	32 113 °F	15-						
Range of ambient temperature:		-						
Maximum operating pressure:	58 psi	10-						
Installation set:	NO	. '']						
Installation type:	No installation set							
Pump inlet:	Conn. Threaded 3/4#NPTM CodeA7	5-						
Pump outlet:	Conn. Threaded 3/4#NPTM CodeA7	0	5 10	15 20	25 30	35 40	Q [US	gal/hour
Max. Suction lift during operation:	9.843 ft							
Max. Suction lift during priming:	4.922 ft				29	187	4 x 0 9	
Liquid:					36 140		4 x 0 7	
Pumped liquid:	Water				n the second			- 1
Liquid temperature range:	32 104 °F			PF				1
Liquid temperature during operation:	68 °F				o Hit			180
Density:	62.29 lb/ft ³			q				
Electrical data:							607	
Maximum power input - P1:	62 W	•	183.5		13 172.5			
Main frequency:	60 Hz	-	140.5	1.02	16.14		-	
Rated voltage:	1 x 100-240 V			· · · · · ·	G 5/4"		HI	
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	-					1	
Length of cable:	4.922 ft	·	╞══╣╌╜	╎╘╂			HH	
Type of cable plug:	USA, Canada	F	3 8 0- 4- 10			0	283.5	
Inrush current:	70A at 240V (35A/100V) for 2ms	25		3.46				
Controls:								
Control variant:	FCM		194					
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:	15.4 lb							



12/13/2018

 Description
 Value

 Gross weight:
 17.6 lb

 COLOR:
 RED

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