



			Date:	12/13/2018	
	Description				
	- Input for low-level and em	ptv-tank signal.			
			m 30 V AC/DC (configurable, e.g. alarm, stroke sign	al, pump
	dosing, timer etc.)		, , , , , , , , , , , , , , , , , , ,		, i i
	- Output analog 0/4-20mA.				
	 Fieldbus communication i 	nterface (GENIbus	s, for connecetio	n of the Grundfos CIU fieldbus conv	erter).
	Controls:				
	Control variant:	FCM			
	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			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	32 122 °F			
	Liquid temperature during operation				
	Density:	62.29 lb/ft ³			
	Bonony.	02.20 10/11			
	Technical:				
	Type key:	DDA 200-4 FCM-	P\//\//C-F-31A7	7B	
	Max. Flow:	52.83 US gal/hou			
	Max. flow in slow mode 50%:	26.42 US gal/hou			
L	Max. flow in slow mode 25%:	13.21 US gal/hou			
	Min flow:	250 ml/h	1		
L					
	Turn-down ratio:	1:800			
	Approvals on nameplate:	CE,CSA-US,NSF	61,RCM		
	Valve type:	Standard			
	Maximum viscosity at 100 %:	100 mPas			
	Maximum viscosity in slow mode				
	Maximum viscosity in slow mode		as		
	Accuracy of repeatability:	1 %			
	Materials:				
	Dosing head:	PVDF (Polyvinylic	dene fluoride)		
	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 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:				
	max. Odotori int during printing.				
	Electrical data:				
		60.14/			
	Maximum power input - P1:	62 W			
	Main frequency:	60 Hz			
	Rated voltage:	1 x 100-240 V			
1	Enclosure class (IEC 34-5):	IP65 / NEMA 4X			
	Length of cable: Type of cable plug:	4.922 ft USA, Canada			



Company name: Created by:

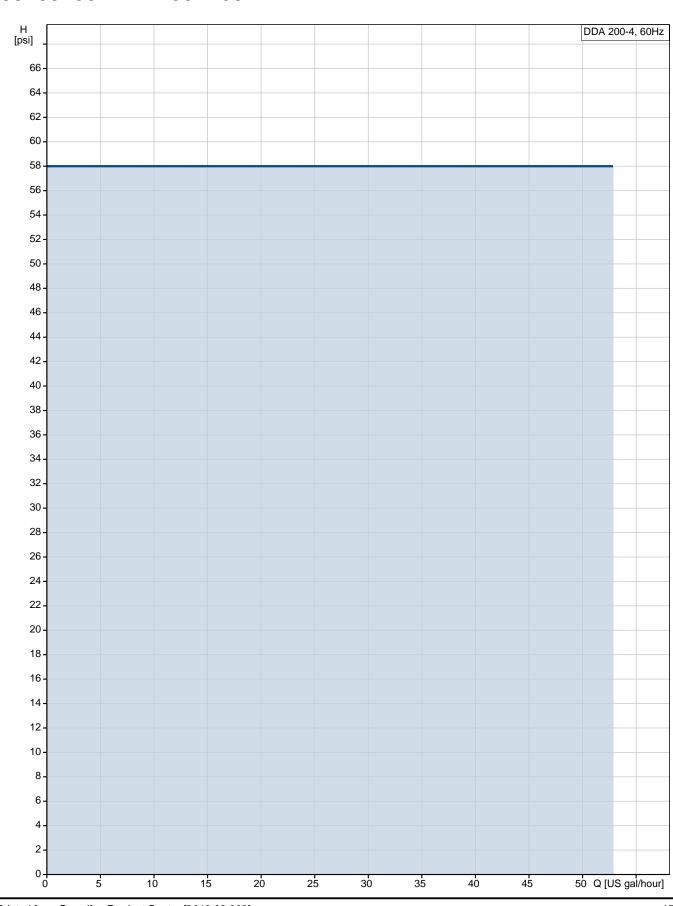
C	RUND	FOS 🕅	Phone:		
			Date:	12/13/2018	
Count	Description				
	Inrush current:	70A at 240V (35A/100V) for 2ms		
	Others:				
	Net weight:	15.4 lb			
	Gross weight: COLOR:	17.6 lb RED			



12/13/2018

Date:

99159493 DDA 200-4 60 Hz





		н								DA 200	-1 60	01	
Description	Value	[psi]											Jr1
General information:		65 -											+
Product name:	DDA 200-4												
Product No.:	99159493	60 -											
EAN:	5712607842819											_	
Technical:													
Type key:	DDA 200-4 FCM-PV/V/C-F-31A7A7B	55 -											T
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 -											t
Valve type:	Standard												
Maximum viscosity at 100 %:	100 mPas	35 -										_	+
-	1000 mPas	· · · · ·											
Maximum viscosity in slow mode 25 %:		30 -											+
Accuracy of repeatability:	1 %	·											
Materials:		25 -											
Dosing head:	PVDF (Polyvinylidene fluoride)	25-											
Valve ball:	Ceramic	20 -											+
Gasket:	FKM	· · · ·											
Installation:		15-											-
Range of ambient temperature:	32 113 °F												
Maximum operating pressure:	58 psi	10 -											
Installation set:	NO	107											
Installation type:	No installation set												
	Conn. Threaded	5-											+
Pump inlet:	3/4#NPTM CodeA7	• 0			_								
Pump outlet:	Conn. Threaded 3/4#NPTM CodeA7	<u> </u>	5	10	15 3	20 2	25 3	0 35	5 40		Q [US	gal/h	ou
Max. Suction lift during operation:	9.843 ft					2	-	187		1 4x	0 9		
Max. Suction lift during priming:	4.922 ft					3	· =	140			0 7		
Liquid:										6		_ 1	F
Pumped liquid:	Water				P	h.						1	
Liquid temperature range:	32 122 °F				,	6)順) ș	180	
Liquid temperature during operation:	68 °F					d							
Density:	62.29 lb/ft ³								i ¶i	۵ ۵.,		_	Ł
Electrical data:		=	183.5			13		159 172.5					
Maximum power input - P1:	62 W	-	140.5			-		16.14*					
Main frequency:	60 Hz			71\	1.02		G 5/4"	14.72*	~		$\left\{ \right\}$		
Rated voltage:	1 x 100-240 V			$\Box \setminus$		al sea					Λ		
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	·		1	ļ	₽		l		H			
Length of cable:	4.922 ft			_	11.32	L	┥╙┥╏				283.5		
Type of cable plug:	USA, Canada	25			-		_ []						
Inrush current:	70A at 240V (35A/100V) for 2ms					3.46		•• 	<u> </u>				
Controls:			194										
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: Others:	YES												



Date:12/13/2018DescriptionValueNet weight:15.4 lbGross weight:17.6 lbCOLOR:RED

