



			Date:	12/11/2018				
[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). 							
1.1	Controls:	5014						
1	Control variant:	FCM						
1	_evel control:	YES						
	Analog input:	0/4-20 mA						
	Pulse control:	YES						
	Ext. Stop input:	YES						
ŀ	Analog output:	0/4-20 mA						
(Dutput relays:	2						
E	Bus communication:	YES						
	_iquid:							
	Pumped liquid:	Water						
L	_iquid temperature range:	32 104 °F						
	_iquid temperature during operat	ion: 68 °F						
	Density:	62.29 lb/ft ³						
٦	Fechnical:							
٦	Гуре кеу:	DDA 60-10 FCM-	PVC/V/C-F-31A7	'A7				
	Max. Flow:	15.85 US gal/hou	r					
Ν	Max. flow in slow mode 50%:	7.925 US gal/hou						
	Max. flow in slow mode 25%:	3.963 US gal/hou						
	Vin flow:	75 ml/h						
-	Furn-down ratio:	1:800						
	Approvals on nameplate:	CE,CSA-US,NSF						
		Standard						
	/alve type:							
	Maximum viscosity at 100 %:	150 mPas						
	Maximum viscosity in slow mode							
	Maximum viscosity in slow mode		as					
ŀ	Accuracy of repeatability:	1 %						
	Materials:		lorido)					
	Dosing head:	PVC (Polyvinyl ch	noride)					
	/alve ball:	Ceramic						
(Gasket:	FKM						
	nstallation:	00 440 05						
	Range of ambient temperature:							
	Maximum operating pressure:	145 psi						
	nstallation set:	NO						
	nstallation type:	No installation set	t					
F	Pump inlet:	Conn. Threaded 3	3/4#NPTM Code	47				
	Pump outlet:	Conn. Threaded 3	3/4#NPTM Code	47				
	Max. Suction lift during operatior							
	Max. Suction lift during priming:							
E	Electrical data:							
	Maximum power input - P1:	62 W						
1.1	Main frequency:	60 Hz						
	Rated voltage:	1 X 1()()-24() V						
F	Rated voltage: Enclosure class (IEC 34-5):	1 x 100-240 V IP65 / NEMA 4X						
F	Enclosure class (IEC 34-5):	IP65 / NEMA 4X						
F E L								



Company name: Created by:

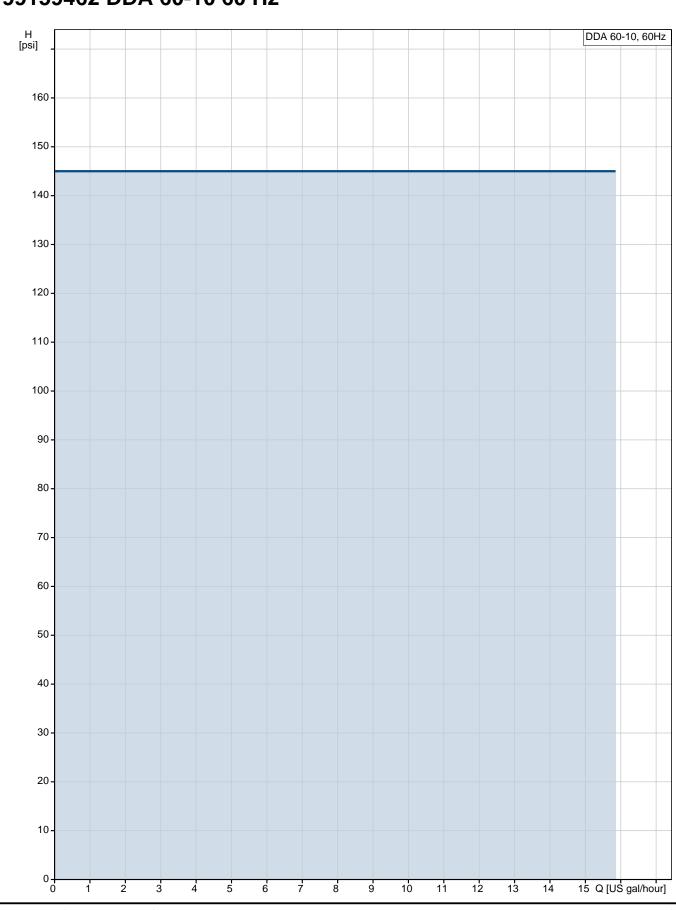
C	RUND	FOS >	Phone:	Phone:			
			Date:	12/11/2018			
Count	Description						
	Inrush current:	70A at 240V	70A at 240V (35A/100V) for 2ms				
	Others:						
	Net weight:	13.2 lb					
	Gross weight: COLOR:	15.4 lb RED					
		neb					



12/11/2018

Date:

99159462 DDA 60-10 60 Hz





		Date:	12/11/2	
Description	Value	H [psi]		DDA 60-10, 60H
General information:				
Product name:	DDA 60-10	160 -		
Product No.:	99159462			
EAN:	5712607842505	150 -		
Technical:	0112001042000			
	DDA 60-10	140 -		
Type key:	FCM-PVC/V/C-F-31A7A7	130 -		
Max. Flow:	15.85 US gal/hour			
Max. flow in slow mode 50%:	7.925 US gal/hour	120 -		
Max. flow in slow mode 25%:	3.963 US gal/hour			
Min flow:	75 ml/h	110 -		
Turn-down ratio:	1:800	100		
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	100 -		
Valve type:	Standard			
Maximum viscosity at 100 %:	150 mPas	90 -		
Maximum viscosity in slow mode 50 %:		80 -		
Maximum viscosity in slow mode 50 %: Maximum viscosity in slow mode 25 %:		~7		
Accuracy of repeatability:	1 %	70 -		
Materials:	ι /υ			
	D\/C (Dobational all latter)	60 -		
Dosing head:	PVC (Polyvinyl chloride)			
Valve ball:	Ceramic	50 -		
Gasket:	FKM			
Installation:		40 -		
Range of ambient temperature:	32 113 °F			
Maximum operating pressure:	145 psi	30 -		
Installation set:	NO			
Installation type:	No installation set	20 -		
Pump inlet:	Conn. Threaded 3/4#NPTM CodeA7	10 -		
Pump outlet:	Conn. Threaded 3/4#NPTM CodeA7	• 0		
Max. Suction lift during operation:	9.843 ft	0	2 4 6	8 10 12 Q [US gal/hou
Max. Suction lift during operation.	4.922 ft			
	4.922 11		29	187 4 x 0 9 140 4 x 0 7
Liquid:	\\/_tor		<u>36</u>	
Pumped liquid:	Water			
Liquid temperature range:	32 104 °F		er 👝	
Liquid temperature during operation:	68 °F			
Density: Electrical data:	62.29 lb/ft ³			
Maximum power input - P1:	62 W		i 12	
Main frequency:	60 Hz	140.5		16.14*
Rated voltage:	1 x 100-240 V			14.72*
Enclosure class (IEC 34-5):	IP65 / NEMA 4X		╶╁╽╷║╏╻══	
			╶ <u>╷</u> ╷┘ │ ┌╹	
Length of cable:	4.922 ft			
Type of cable plug: Inrush current:	USA, Canada 70A at 240V (35A/100V)			
Controls:	for 2ms			
	FCM	194		-
Control variant:				
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:	13.2 lb			



12/11/2018

 Description
 Value

 Gross weight:
 15.4 lb

COLOR:

15.4 lb RED

