

Technical Information

C240 WF SENSOFLAT

Operating data

Flow	0 l/s
Head	0 m
Shaft power P2	
Pump efficiency	%
Required pump NPSH	
Pumpe type	Single pump
No. of pumps	1
Fluid	Water, clean

Pump

Pump Code	C240 WF SENSOFLAT
Impeller	Multi vane impeller
Impeller size	93 mm
Solid size	3 mm
Discharge port	G 1 1/4
Suction port	

Motor data

Rated voltage	230 V
Frequency	50 Hz
Rated power P2	0,25 kW
Rated speed	2850 1/min
Number of poles	2
Efficiency	50 %
Rated current	2,2 A
Degree of protection	IP X8

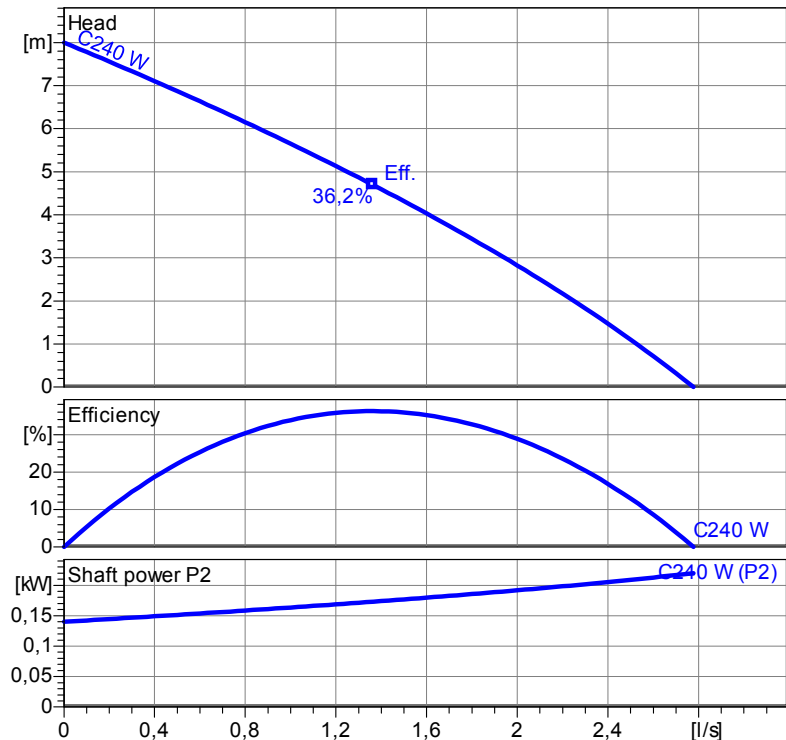
Materials

Motor casing	Plastic PP-GF
Motor housing	Stainless steel
Impeller	Plastic PP-GF
Motor shaft	Stainless steel
Bolts	Stainless steel
Elastomers	Nitrile Rubber

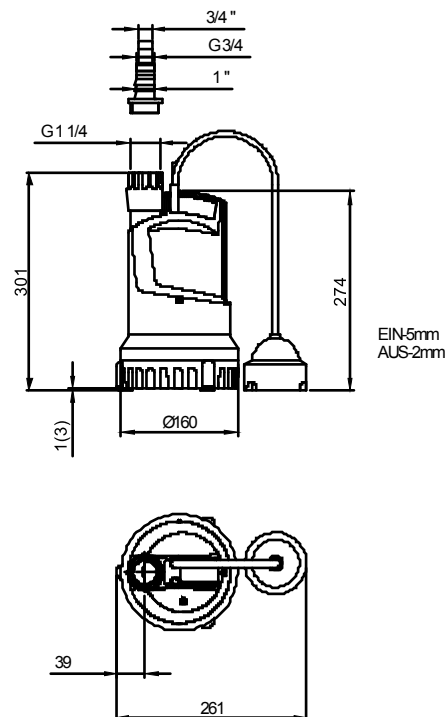
Lip seals Nitrile Rubber

Lower Bearing Deep Groove Ball Bearing
Upper Bearing Deep Groove Ball Bearing

Testnom: ISO9906 Sect. 4.4.2



Wet well installation
Dimensions in mm



Project

Project no.:

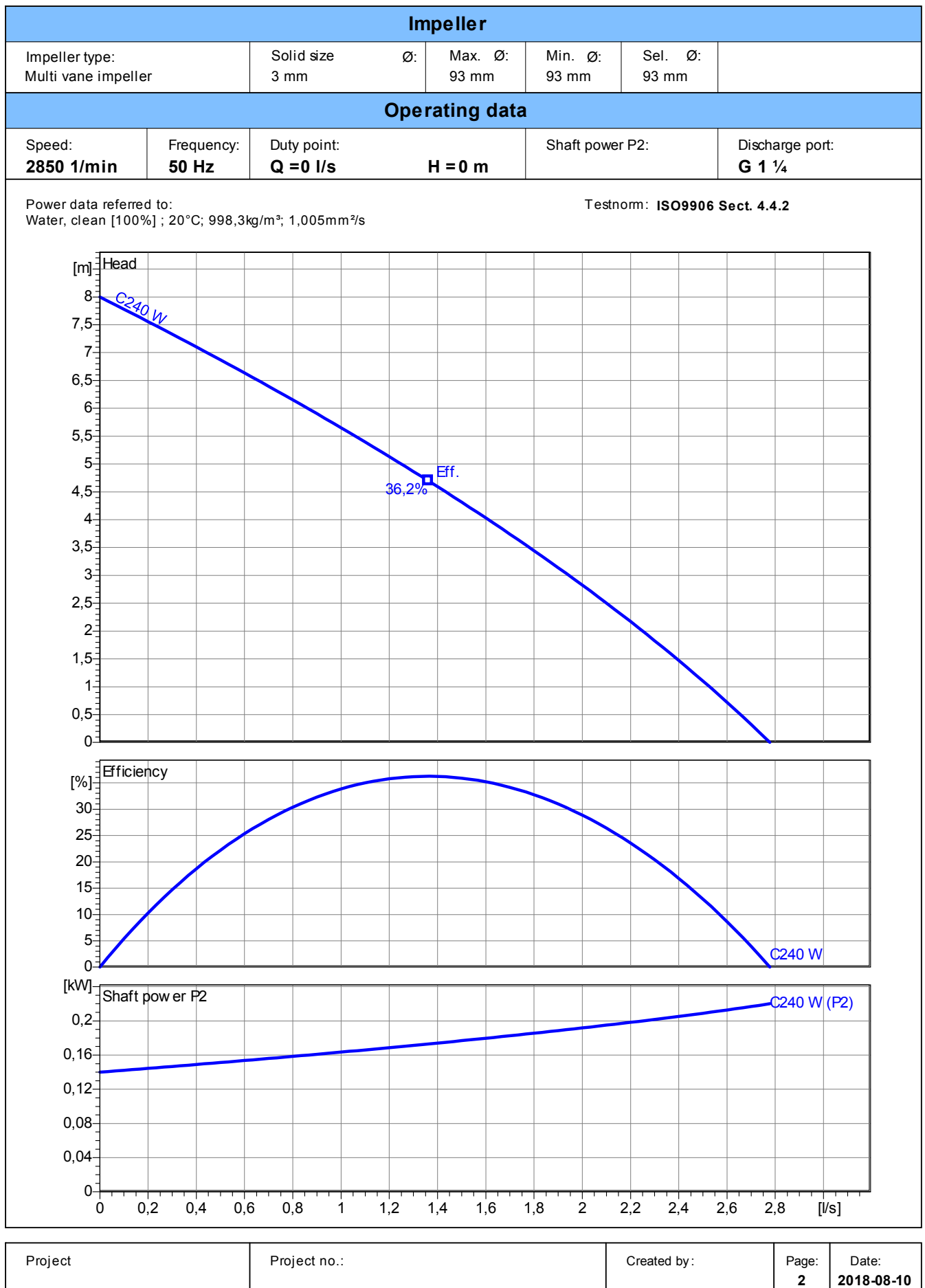
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2018-08-10

Performance Curve

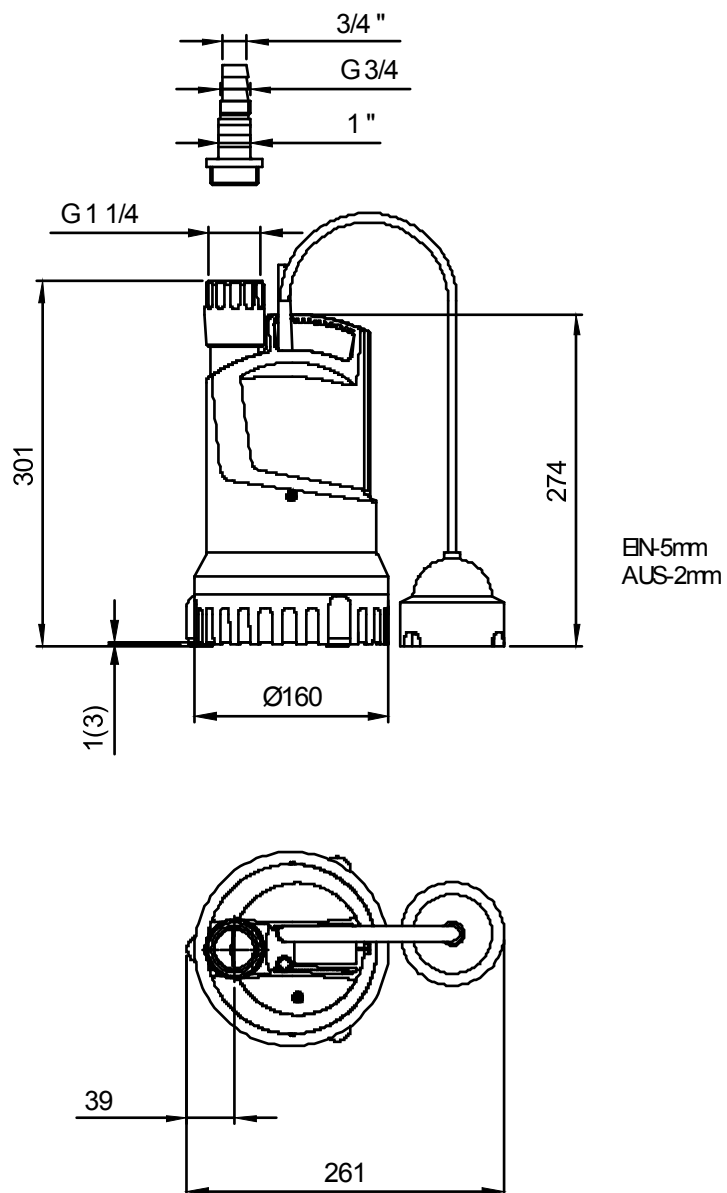
C240 WF SENSOFLAT



Dimensions

C240 WF SENSOFLAT

Wet well installation
Dimensions in mm



2.0.1 - 17.01.2017 (Build 147)

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Technical Data

C240 WF SENSOFLAT

Operating data				
Flow	0 l/s	l/s	Head	0 m
Shaft power P2		kW	Static head	0 m
Pump efficiency		%	Required pump NPSH	m
Pumpe type	Single pump		No. of pumps	1
Fluid	Water, clean		Temperature	20 °C
Density	998,3	kg/m³	Kin. viscosity	1,005 mm²/s

Pump				
Pump Code	C240 WF SENSOFLAT		Speed	2850 1/min
Suction port			Head	Max. 8,0 m
Discharge port	G 1 ¼			Min. 0,0 m
Impeller type	Multi vane impeller		Flow	Max. 2,8 l/s
Solid size	3	mm	Pump efficiency max.	36,2 %
Impeller Ø	93	mm	Required rated power max. P2	0,2 kW

Motor				
Motor design	Submersible motor		Insulation class	B
Motor name	AM 0,50/2 W		Degree of protection	IP X8
Frequency	50	Hz	Temperature class	
Rated power P1	0,50	kW		
Rated power P2	0,25	kW	Explosion protection	
Rated speed	2850	1/min	Efficiency	100% 50,0 %
Rated voltage	230	V 1~	at % rated power	75% 52,0 %
Rated current	2,2	A		50% 40,0 %
Starting current, direct starting	4,4	A	cos phi	100% 0,99
Starting current, star-delta	1,	A	at % rated power	75% 0,99
Starting mode	Directly			50% 0,93
Power cable	3G1		Control cable	
Type of power cable	H07RN8-F		Type of control cable	
Cable length	10 m		Service factor	1,15
Shaft seal	Lip seals Nitrile Rubber			
Bearing	Lower Bearing Deep Groove Ball Bearing Upper Bearing Deep Groove Ball Bearing			
Remarks	Operation: S1 (36 - 60 degree C - S3 30%)			

Materials / Weight			
Motor casing	Plastic PP-GF	Elastomeres	Nitrile Rubber
Impeller	Plastic PP-GF		
Motor housing	Stainless steel		
Motor shaft	Stainless steel		
Bolts	Stainless steel		
Weight aggregat	5,4 kg		

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