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 ¼
Suction port	

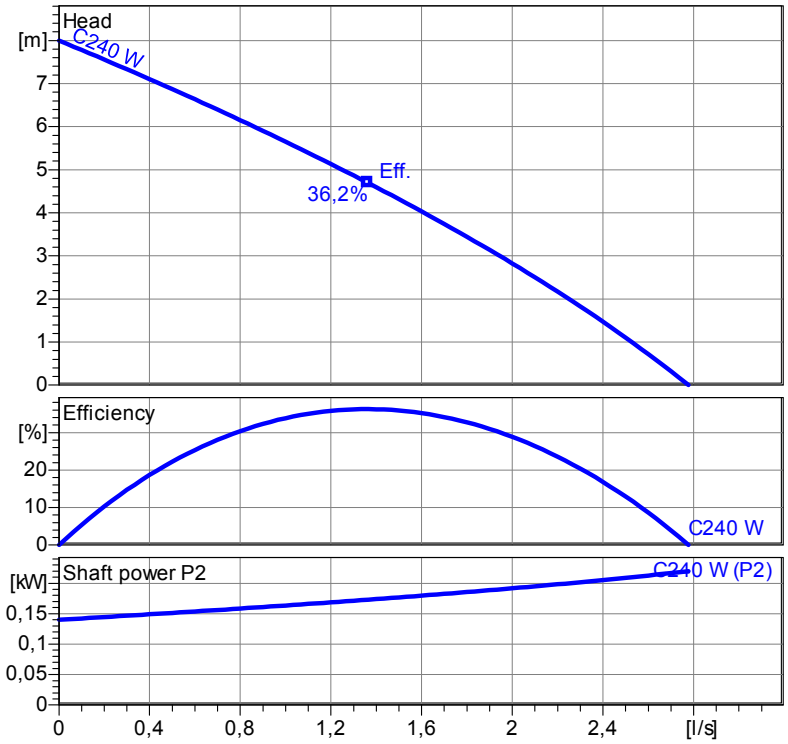
Motor data

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

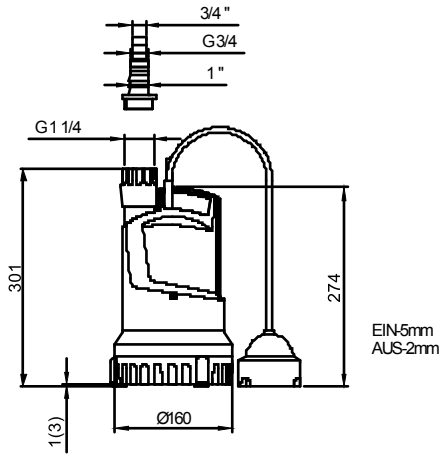
Motor casing	Plastic PP-GF
Motor housing	Stainless steel
Impeller	Plastic PP-GF
Motor shaft	Stainless steel
Bolts	Stainless steel
Elastomeres	Nitrile Rubber
Lip seals	Nitrile Rubber
Lower Bearing	Deep Groove Ball Bearing
Upper Bearing	Deep Groove Ball Bearing

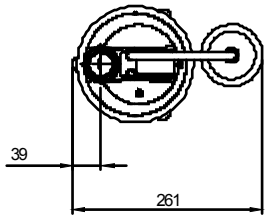
Testnorm: **ISO9906 Sect. 4.4.2**



Wet well installation

Dimensions in mm





2.0.1 - 17.01.2017 (Build 147)

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Performance Curve

C240 WF SENSOFLAT

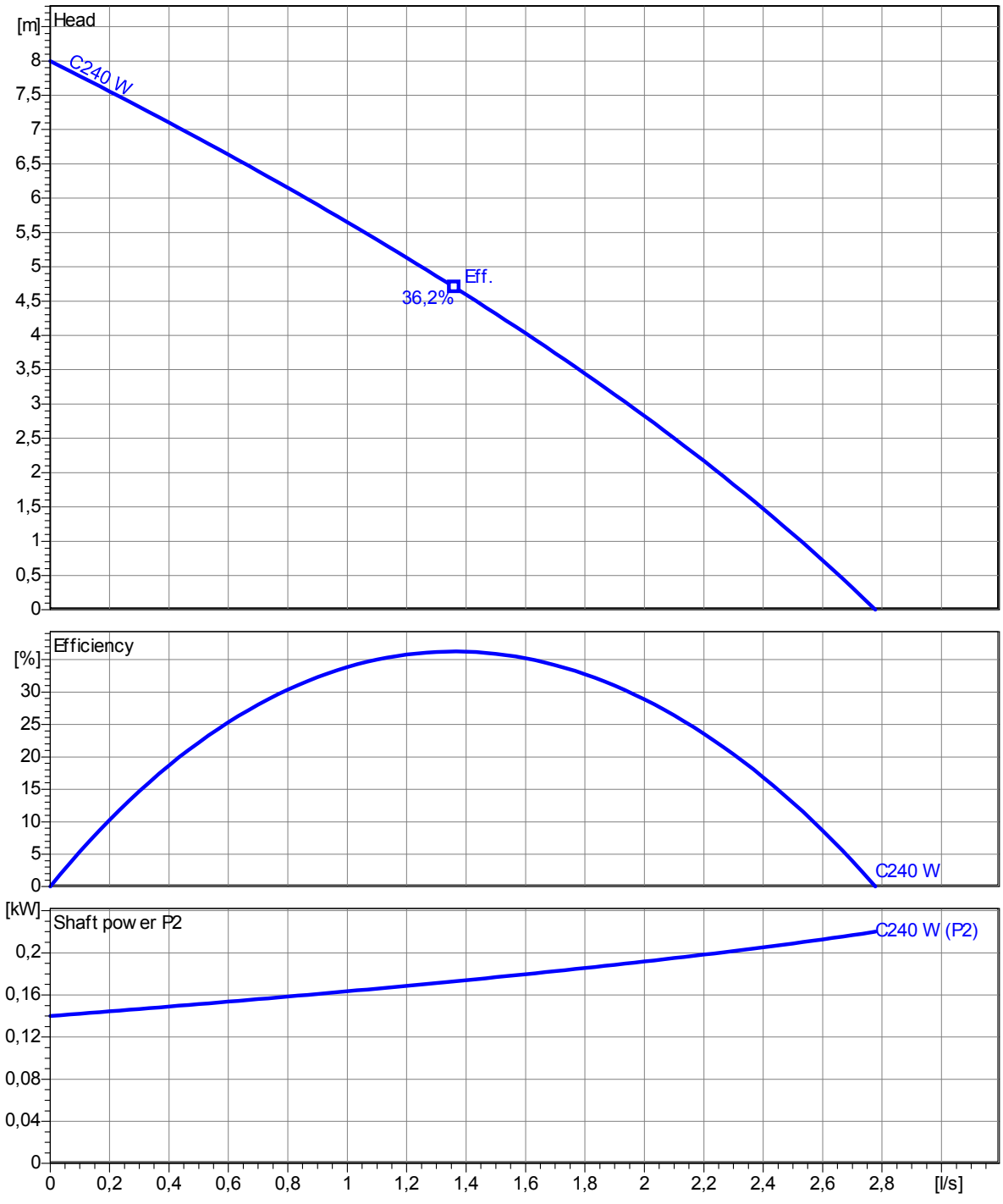
HOMA PUMPEN MIT SYSTEM

Impeller					
Impeller type: Multi vane impeller	Solid size Ø: 3 mm	Max. Ø: 93 mm	Min. Ø: 93 mm	Sel. Ø: 93 mm	

Operating data				
Speed: **2850 1/min**	Frequency: **50 Hz**	Duty point: **Q = 0 l/s** **H = 0 m**	Shaft power P2:	Discharge port: **G 1 ¼**

Power data referred to:
Water, clean [100%] ; 20°C; 998,3kg/m³; 1,005mm²/s

Testnorm: **ISO9906 Sect. 4.4.2**



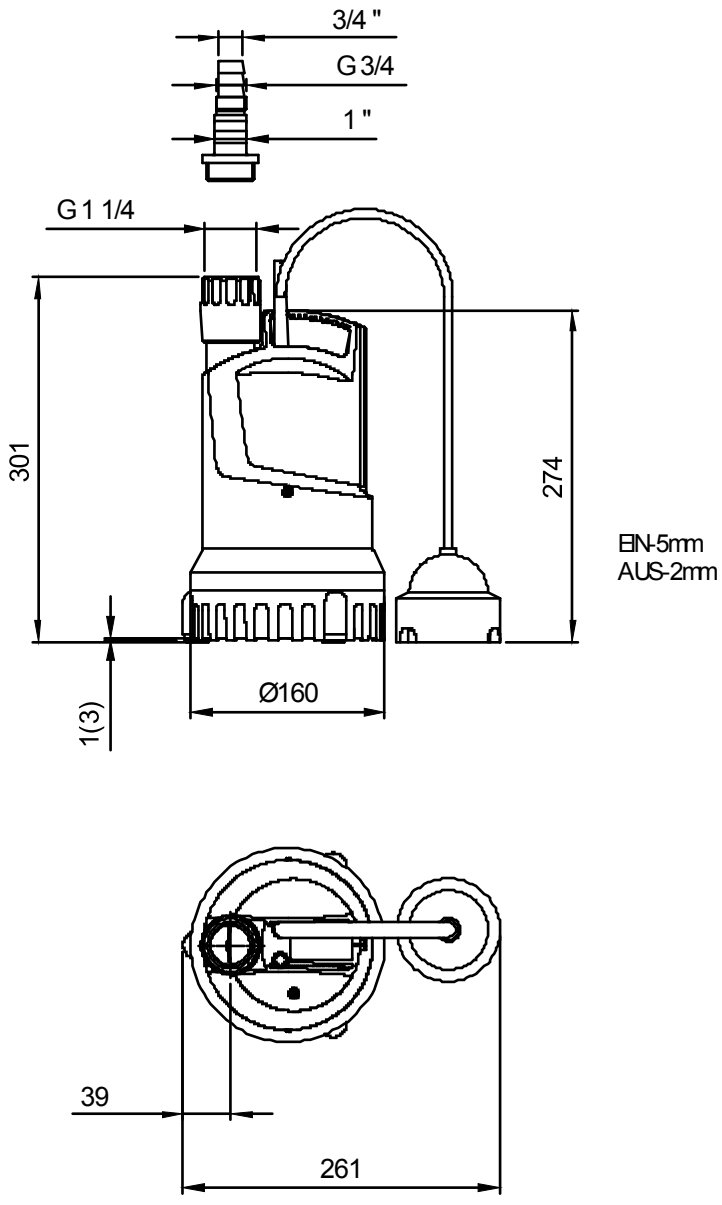
2.0.1 - 17.01.2017 (Build 147)

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Dimensions

C240 WF SENSOFLAT

Wet well installation
Dimensions in mm



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Technical Data

C240 WF SENSOFLAT

HOMA PUMPEN MIT SYSTEM

Operating data					
Flow	**0 l/s**	**l/s**	**Head**	**0 m**	**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		Head 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 at % rated power 100%	50,0	%
Rated voltage	230 V | 1~		Efficiency at % rated power 75%	52,0	%
Rated current	2,2	A	Efficiency at % rated power 50%	40,0	%
Starting current, direct starting	4,4	A	cos phi at % rated power 100%	0,99	
Starting current, star-delta	1,	A	cos phi at % rated power 75%	0,99	
Starting mode	Directly		cos phi at % rated power 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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