

Product description

SN2L80-160-E-GR-TM-GG

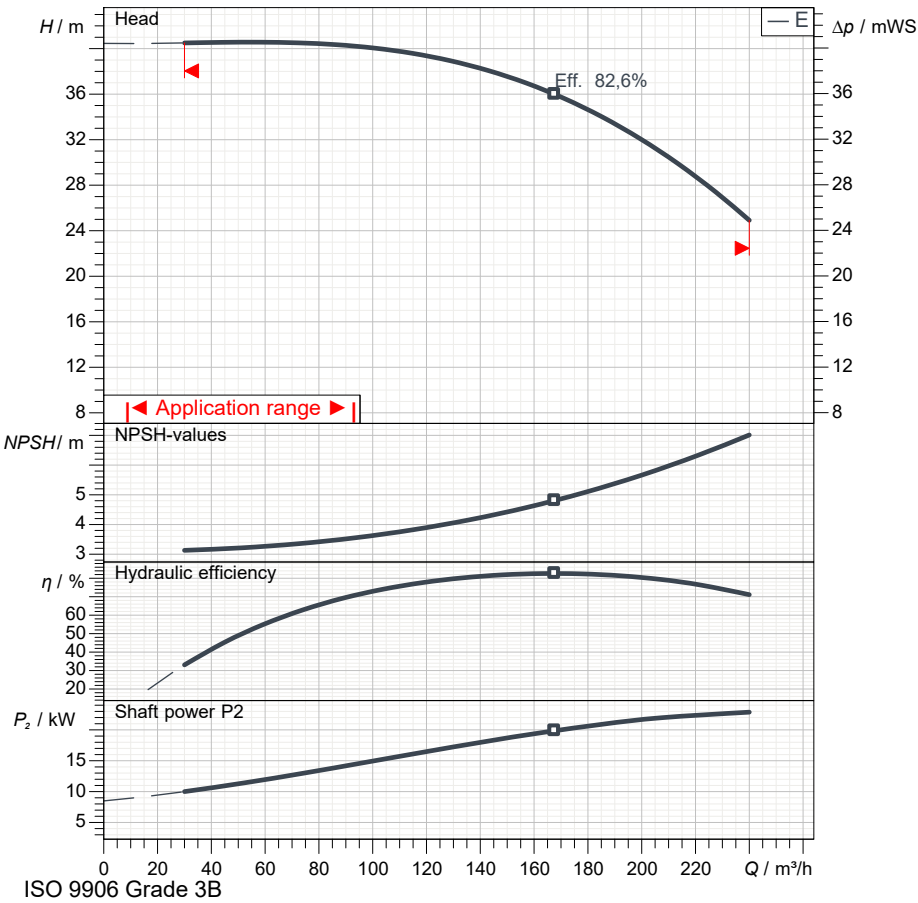
MEI ≥ 0,40

Pos.no	Description	Item no	Qty.	UP / €	TP / €
1	Centrifugal pump according to EN 733 (DIN 24255)				
2	Centrifugal pump: SN2L80-160-E-GR-TM-GG		1	Price on req.	Price on req.
3	<p>Pump bodies</p> <p>Horizontal single-stage centrifugal pump with axial inlet, scroll outlet with upwards delivery flange. Dimensions and performance according to EN 733 standards.</p> <p>Duty point</p> <p>Flow : / Head :</p> <p>Pump operating data</p> <p>Impeller diameter : 178 mm / Speed : 2.900 1/min</p> <p>Flow : / Head :</p> <p>Shaft power P2 : / Efficiency :</p> <p>Head (Q = 0) : 40,46 m</p> <p>Pump body : Cast iron</p> <p>Impeller : Cast iron + Cataphoresis</p> <p>Wear ring : Cast iron</p> <p>Support : Cast iron</p> <p>Bearing support : Cast iron</p> <p>Shaft : Stainless steel</p> <p>Max. solid contents : 60 g/m³</p> <p>Max. water temperature : 90 °C</p> <p>Max. running time with Q=0 : 2 min</p>				
4	Shaft seal: Mechanical seal		1		
5	<p>Spacer : Stainless steel</p> <p>Seal face : Graphite</p> <p>Seat : Ceramic</p> <p>Seal ring : NBR</p> <p>Spring : AISI 304 stainless steel</p>				
6	Bearing bracket: Grease lubrication		1		
7	Bearings lubrication : Graese				

Technical data

SN2L80-160-E-GR-TM-GG

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Operating data specification	
Capacity	
Head	
Fluid	Clean water
Type of installation	<Single head pump>

Pump operating data	
Design	SN2L80-160-E-GR-TM-GG
Impeller Ø	178 mm
Speed	2.900 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	40,5 m
Non return valve loss	

Electric motor technical data	
Design	
Rated power	
Frequency	
Number of poles	
Nominal speed	
Rated voltage	
Starting mode	
Rated current	
Insulation class	
Degree of protection	

Use limits	
Max N° startings/hour	
Max. running time with Q=0	2 min
Max. solids contents	60 g/m³
Max. pumped liquid temperature	90 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

Materials	
Pump body	Cast iron
Impeller	Cast iron + Cataphoresis
Wear ring	Cast iron
Support	Cast iron
Bearing support	Cast iron
Shaft	Stainless steel

Shaft seal	
Spacer	Stainless steel
Seal face	Graphite
Seat	Ceramic
Seal ring	NBR
Spring	AISI 304 stainless steel



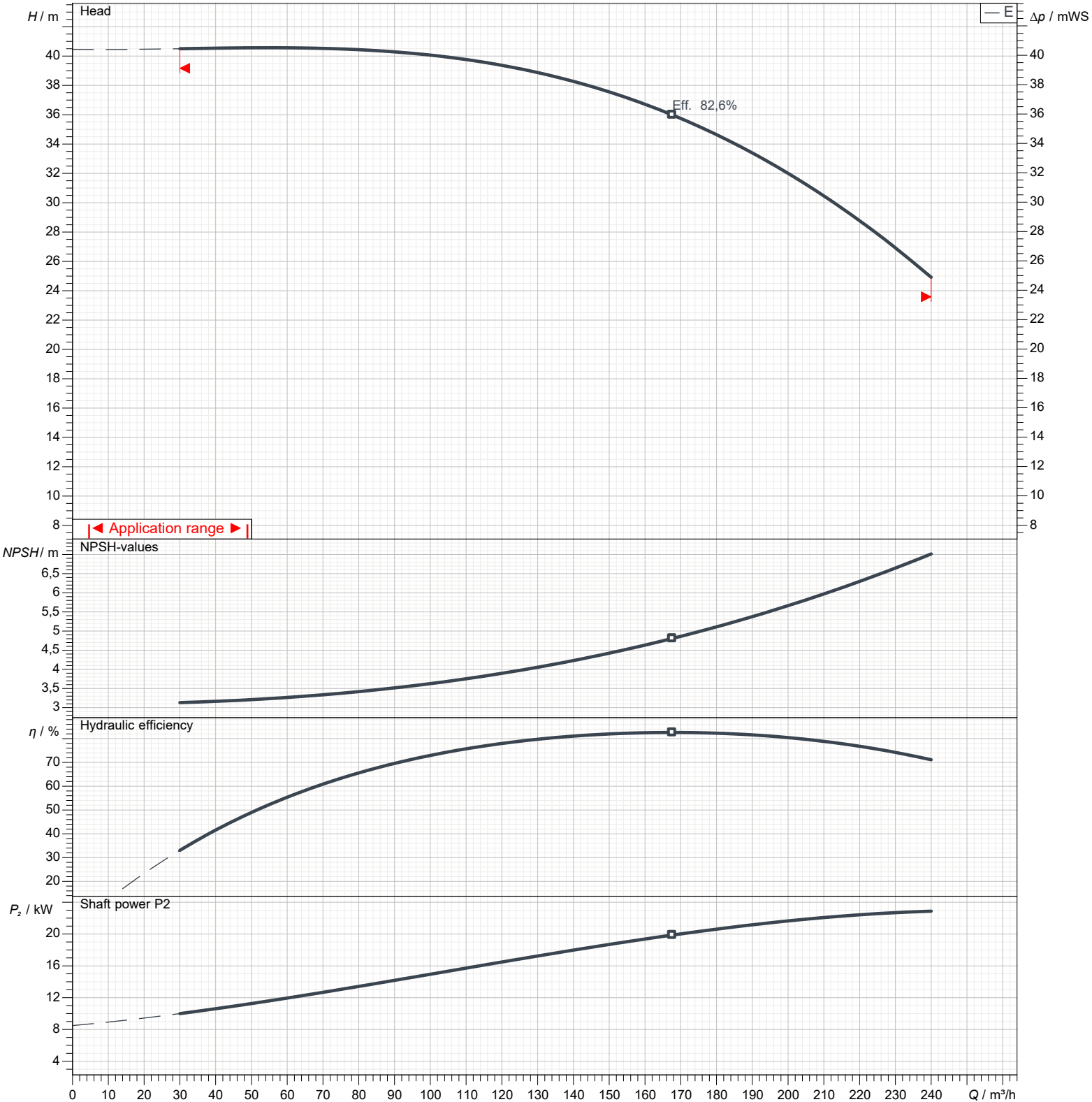
Dimensions in		mm		Total weight		52 kg	
1	30-160	Dm2	160	m1	125	x	8
a	125	Dm3	18	m2	95	y	8
b	65	DNa	100	n1	320	z	35
d	24	DNrr	80	n2	250		
Da1	220	e	50	s1	14		
Da2	180	f	360	t	8		
Da3	18	h1	180	u	27		
Dm1	200	h2	225	w	260		

Performance curves

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Performances				
Speed		2.900 1/min	Density	998 kg/m ³
Flow	Min.	30 m ³ /h	Viscosity	1 mm ² /s
	Max.	240 m ³ /h	Temperature	20 °C
Efficiency	Max.	168 m ³ /h	Tolerances	ISO 9906 Grade 3B



Types of installation

SN2L80-160-E-GR-TM-GG

MEI ≥ 0,40



Total weight		52 kg			Dimensions in mm	
1		80-160	<i>t</i>		8	
<i>a</i>		125	<i>u</i>		27	
<i>b</i>		65	<i>w</i>		260	
<i>d</i>		24	<i>x</i>		8	
<i>Da1</i>		220	<i>y</i>		8	
<i>Da2</i>		180	<i>z</i>		35	
<i>Da3</i>		18				
<i>Dm1</i>		200				
<i>Dm2</i>		160				
<i>Dm3</i>		18				
<i>DNa</i>		100				
<i>DNm</i>		80				
<i>e</i>		50				
<i>f</i>		360				
<i>h1</i>		180				
<i>h2</i>		225				
<i>m1</i>		125				
<i>m2</i>		95				
<i>n1</i>		320				
<i>n2</i>		250				
<i>s1</i>		14				