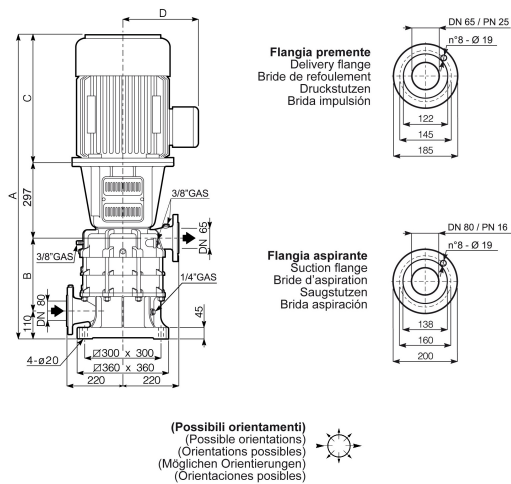
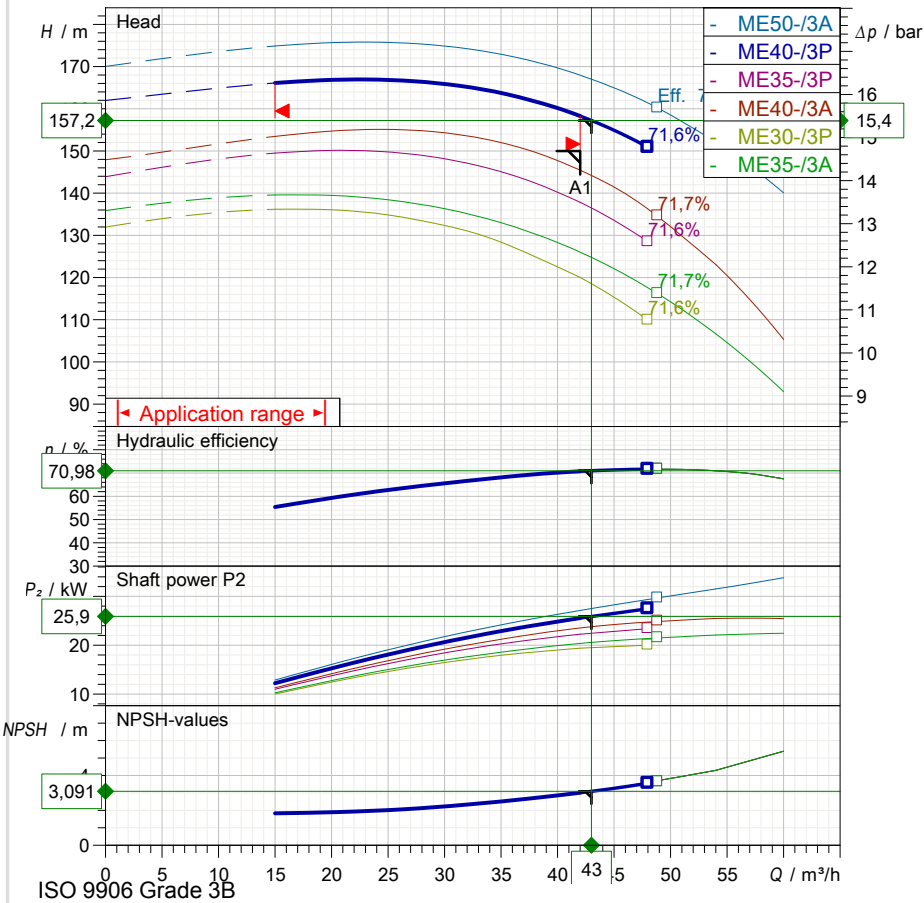


Technical data

ME40KV80-45/3P-TB

MEI $\geq 0,4$



Operating data specification

Capacity	42 m³/h
Head	150 m
Fluid	Clean water
Type of installation	<Single head pump>

Pump operating data

Design	ME40KV80-45/3P-TB
Impeller Ø	197 mm
Speed	2900 1/min
Flow	43 m³/h
Head	157 m
Shaft power P2	25,9 kW
Efficiency	71 %
Head (Q=0)	162 m
Non return valve loss	

Electric motor technical data

Design	IEC B5/V1 40 - 2
Rated power	30 kW
Frequency	50 Hz
Number of poles	2
Nominal speed	2900 1/min
Rated voltage	3~ 400 V
Starting mode	Direct starting
Rated current	52,1 A
Insulation class	F
Degree of protection	IP55

Use limits

Max N° startings/hour	5
Max. runing time with Q=0	2 min
Max. solids contents	50 g/m³
Max. pumped liquid temperature	90 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

Materials

Motor support	Cast iron
Shaft	Steel
Twiner system®	Stainless steel
Stuffing-box packing	PTFE
Shaft protection bushing	Chrome steel
Impeller	Cast iron + Cataphoresis
Pump body	Cast iron
Diffuser shell	Cast iron
Diffuser	Cast iron
Wear ring	Cast iron
Journal bearing	Bronze
Spacer	Stainless steel
Tie rod	Steel
Suction bowl	Cast iron

Dimensions in mm Total weight 374 kg

B 273
C 675

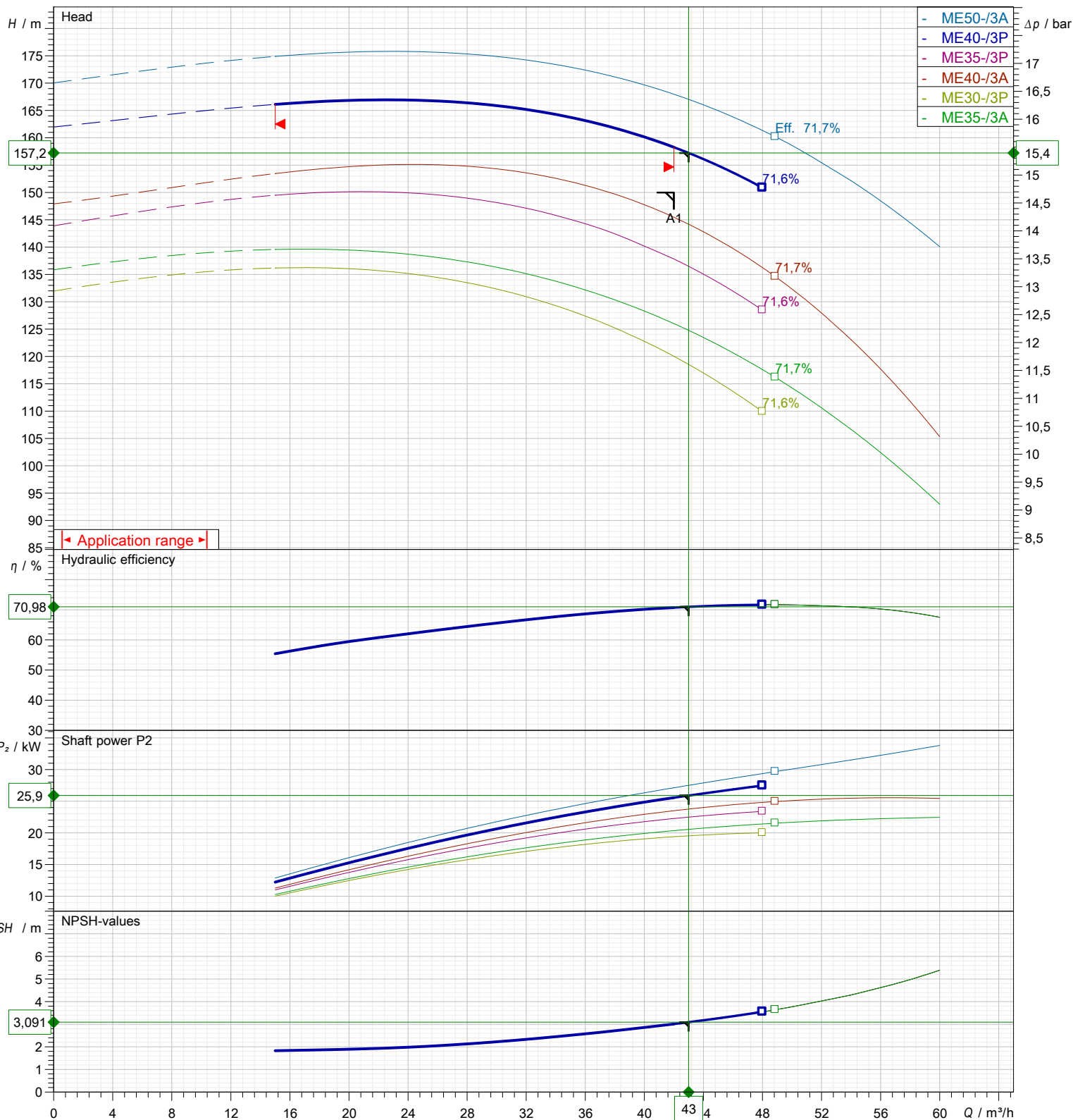
Performance curves

ME40KV80-45/3P-TB

MEI $\geq 0,4$

Performances

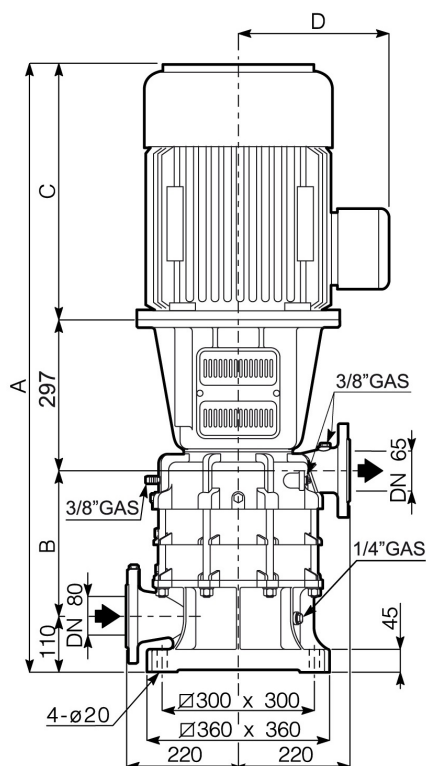
Speed		2900 1/min	Density	998 kg/m ³
Flow	Min.	15 m ³ /h	Viscosity	1 mm ² /s
	Max.	42 m ³ /h	Temperature	20 °C
Efficiency	Max.	48 m ³ /h	Tolerances	ISO 9906 Grade 3B



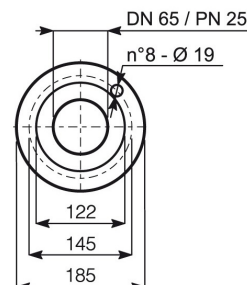
Types of installation

ME40KV80-45/3P-TB

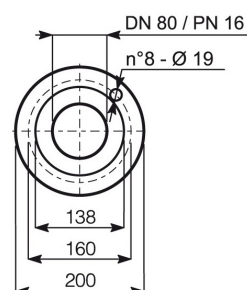
MEI $\geq 0,4$



Flangia premente
Delivery flange
Bride de refoulement
Druckstutzen
Brida impulsión



Flangia aspirante
Suction flange
Bride d'aspiration
Saugstutzen
Brida aspiración



(Possibili orientamenti)
(Possible orientations)
(Orientations possibles)
(Möglichen Orientierungen)
(Orientaciones posibles)



Dimensions in		mm	Total weight		374 kg
B	273				
C	675				