

Product description

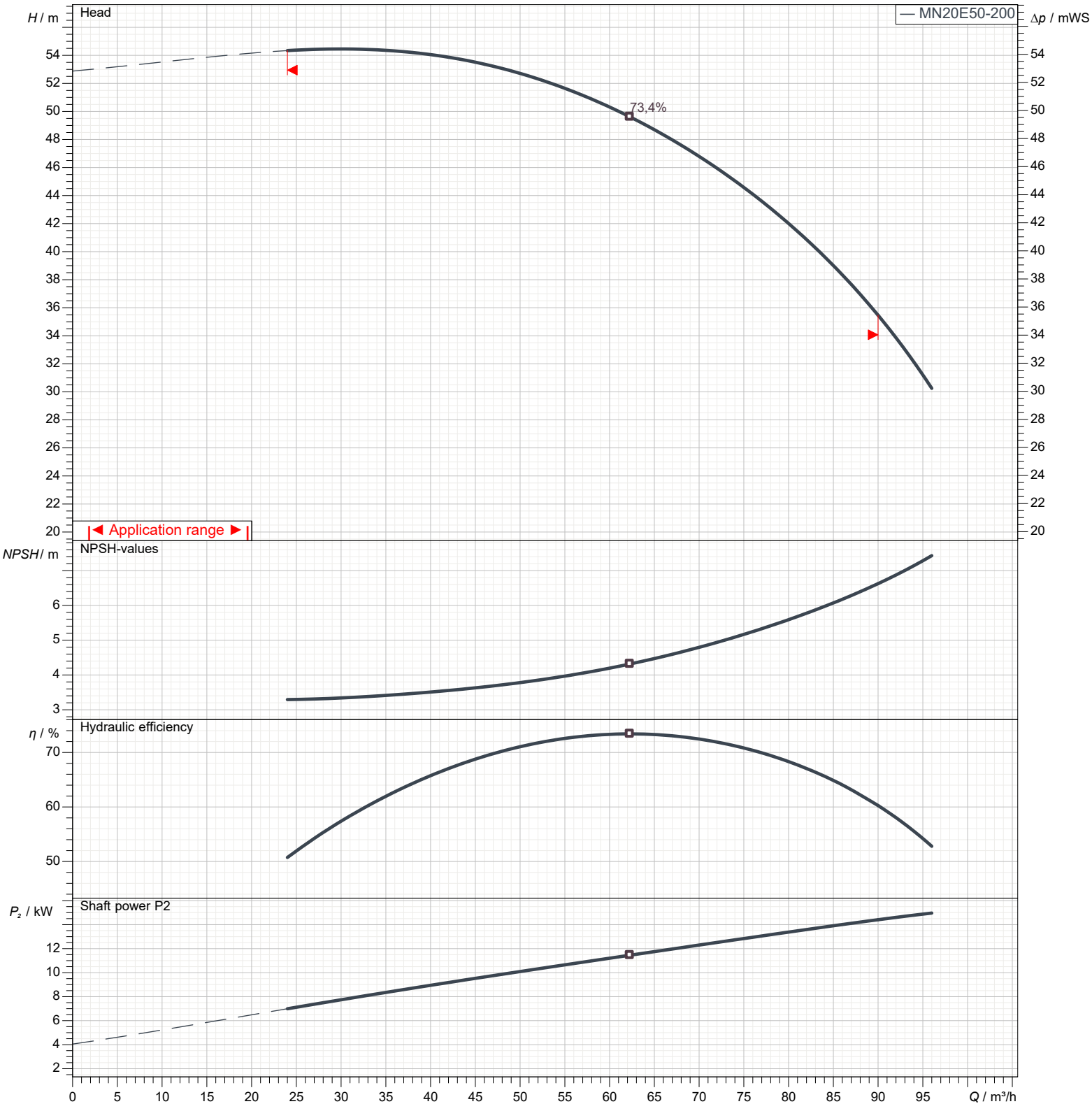
MN20E50-200-2P-50-TM-SS

Pos.no	Description	Item no	Qty.	UP / €	TP / €
1	Close-coupled electric pump according to EN 733 (DIN 24255)				
2	Centrifugal pump: MN20E50-200-2P-50-TM-SS		1	Price on req.	Price on req.
3	<p>Pump bodies</p> <p>Close-coupled electric pumps in compliance with EN 733 - DIN 24255 standards coupled to IEC standard electric motors through rigid coupling.</p> <p>Duty point</p> <p>Flow : / Head :</p> <p>Pump operating data</p> <p>Impeller diameter : 192 mm / Speed : 2.900 1/min</p> <p>Flow : / Head :</p> <p>Shaft power P2 : / Efficiency :</p> <p>Head (Q = 0) : 52,88 m</p> <p>Pump body : Cast iron</p> <p>Impeller : Stainless steel</p> <p>Wear ring : Cast iron</p> <p>Support : Cast iron</p> <p>Coupling : Cast iron</p> <p>Shaft : Stainless steel</p> <p>Max. solid contents : 40 g/m³</p> <p>Max. water temperature : 90 °C</p> <p>Max. running time with Q=0 : 2 min</p>				
4	Motor: IEC 20 - 2		1		
5	<p>Electric motor</p> <p>Three-phase IE3 asynchronous squirrel cage motor.</p> <p>Casing : Cast iron</p> <p>Protection : IP 55</p> <p>Insulation class : F</p> <p>Number of startings : max 6</p> <p>Max environment temperature : 40 °C</p> <p>Max altimetric level : 1000 m</p> <p>Weight : 124 kg</p> <p>Frequency : 50 Hz</p> <p>N. poles : 2</p> <p>P2 : 15 kW</p> <p>U : 400 V</p> <p>In 1/1 : 25,9 A</p> <p>EFF : 91,9 %</p> <p>CosPhi : 0,91</p>				
6	Shaft seal: Mechanical seal		1		
7	<p>Cover : Cast iron</p> <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>				

Performance curves

MN20E50-200-2P-50-TM-SS

Performances				
Speed		2.900 1/min	Density	998 kg/m ³
Flow	Min.	24 m ³ /h	Viscosity	1 mm ² /s
	Max.	90 m ³ /h	Temperature	20 °C
Efficiency	Max.	62,3 m ³ /h	Tolerances	ISO 9906 Grade 3B



Types of installation

MN20E50-200-2P-50-TM-SS



Total weight		176 kg		Dimensions in mm	
a	100	h2	200		
A	254	K	15		
AB	315	L	407		
b	50	m1	100		
B	210	m2	70		
BB	260	n1	265		
C	510	n2	212		
D	250	s1	14		
Da1	185	x	4		
Da2	145	y	4		
Da3	18				
Dm1	165				
Dm2	125				
Dm3	18				
DNa	65				
DNm	50				
E	108				
G1	143				
G2	156				
H	160				
h1	160				