

LNEE 40-125/05/X46RCS4

Technical data

Company name
Contact
Phone number
e-mail address

Operating data

1	Pumpe type	Single head pump	Fluid	Water
2	No. of pumps	1	Operating temperature t A	°F 39.2
3	Nominal flow	US g.p.m. 0	Max / Min Operating Temperature mech. Seal	°F 120 / -25
4	Nominal head	ft 0	pH-value at t A	7
5	Static head	ft 0	Density at t A	lb/ft³ 62.4
6	Inlet pressure	psi 0	Kin. viscosity at t A	ft²/s 1.689E-5
7	Environmental temperature	°F 68	Vapor pressure at t A	psi 14.5
8	Available system NPSH	ft 0	Altitude	0

Pump data

9	Lubrication	Standard, Grease lubrication [Std]
10	Execution	
11	Design	In-Line single head
12	Operating speed	1750 rpm
13	Suction nozzle	DN 40 / PN 16 / EN1092-2
14	Discharge nozzle	DN 40 / PN 16 / EN1092-2
15	Max. casing pressure	psi
16	Max. working pressure	psi 10.8
17	Impeller type	Radial impeller
18	Head H(Q=0)	ft 25
19	Max. shaft power	hp .6
20	Pump weight	kg
21	Total weight	lb 66.1

Materials

22		Pump		Shaft Seal
23	Volute Casing	Cast iron		Single mechanical seal, without shaft sleeve
24	Casing Cover	Cast iron		eMG12 - Ø22mm
25	Impeller	Stainless steel / AISI 304		Mechanical seal diameter
26	Stub shaft	Stainless steel / AISI 316L		7/8 inch
27	Wear ring	Stainless steel / AISI 304		1. Rotating ring
28	Impeller lock nut and washer	Stainless steel / AISI 304		Carbon graphite resin impregnated
29	Impeller key	Stainless steel / AISI 316L		2. Stationary ring
30	Fill and drain plugs	Nickel-plated brass		SiC, silicon carbide, sintered press.less
31				3. Secondary seal
32				Ethylene propylene rubber (EPDM)
33				4. Springs
34				CrNiMo - Steel
35				5. Others
36				EPDM - WRAS
37				Gaskets of the pump
38				Ethylene propylene rubber (EPDM)
39				
40				
41				

Motor data

42	Manufacturer	Xylem
43	Specific design	IE2 3ph Flange Motor
44	Type	LLM480B14/305
45	Rated power	0.73756 hp
46	Nominal speed	1740 rpm
47	Frame size	80
48	Weight	lb 18.1

Remarks

49	
50	
50	
52	

Project	Xylect-20185360	Created by		Last update	1/13/2025
Block	LNEE 40-125/07/X46RCS4	Created on	1/13/2025		

LNEE 40-125/05/X46RCS4

Performance curve

Company name
Contact
Phone number
e-mail address

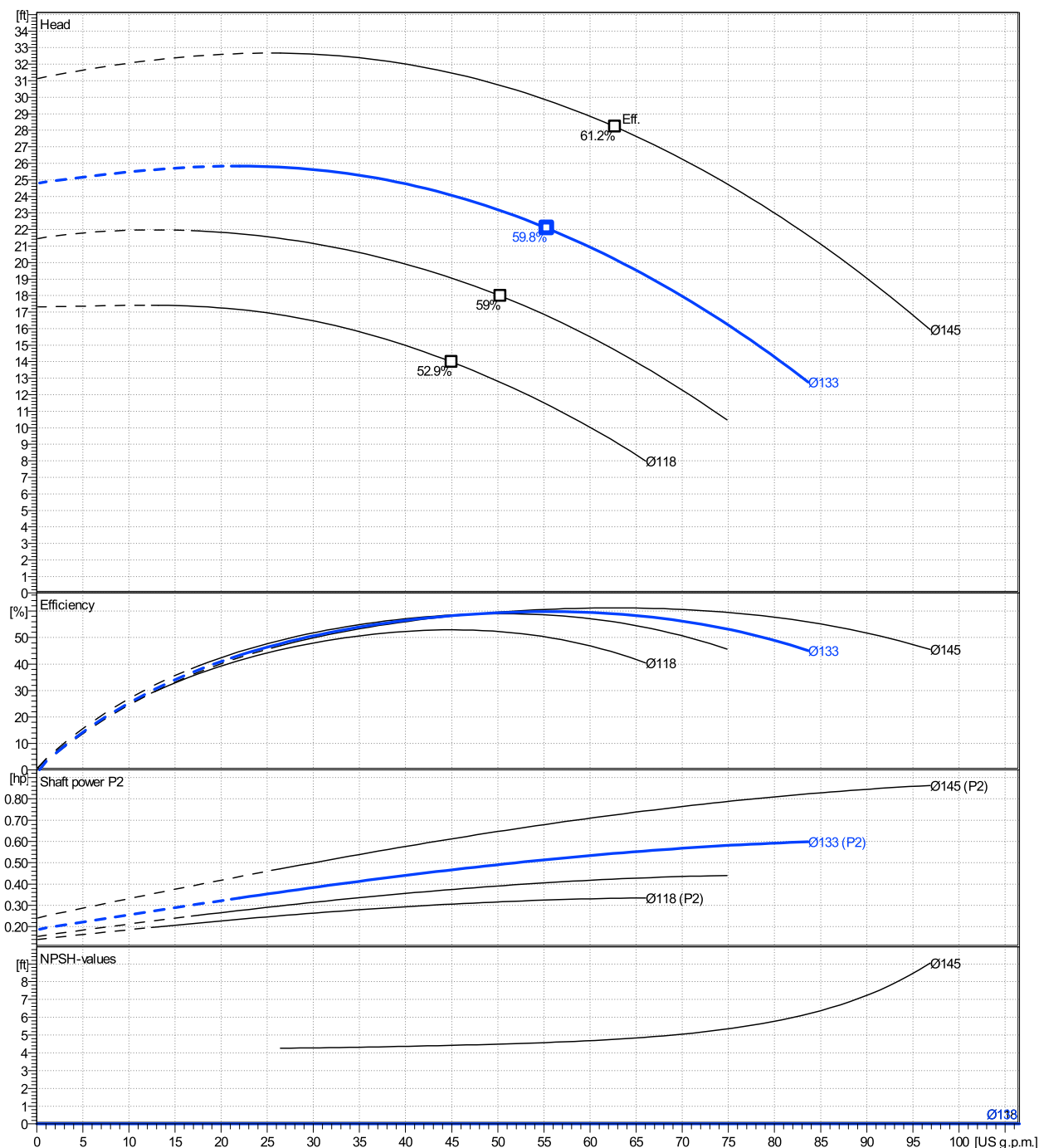
	Ø mm	Pump capacity Operating range Min. Max. Max. US g.p.m. US g.p.m. US g.p.m.			Pump head H(Q=0) Max. ft ft		Shaft power P2 P2(Q=0) Max. η hp hp hp			Frequency Hz 60	
		Min.	Max.	Max.	H(Q=0)	Max.	P2(Q=0)	Max.	η	Operating speed rpm	1750
actual	5 1/4	22	83.7	55.3	24.8	22.1		0.598	0.515	Nominal flow US g.p.m.	0
Min.	0	/	/	45	17.3	14		/	0.306	Nominal head ft	0
Max.	5 11/16	/	/	62.7	31.1	28.2		/	0.725	Inlet pressure psi	0
										Static head ft	0

Power datas referred to:

hydr. Performance acceptance acc. To EN ISO 9906 Class Grade 3B

Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s

MEI: N.A - according to Ecodesign Directive 2009/125/EC and Regulation (EU) No.547/2012



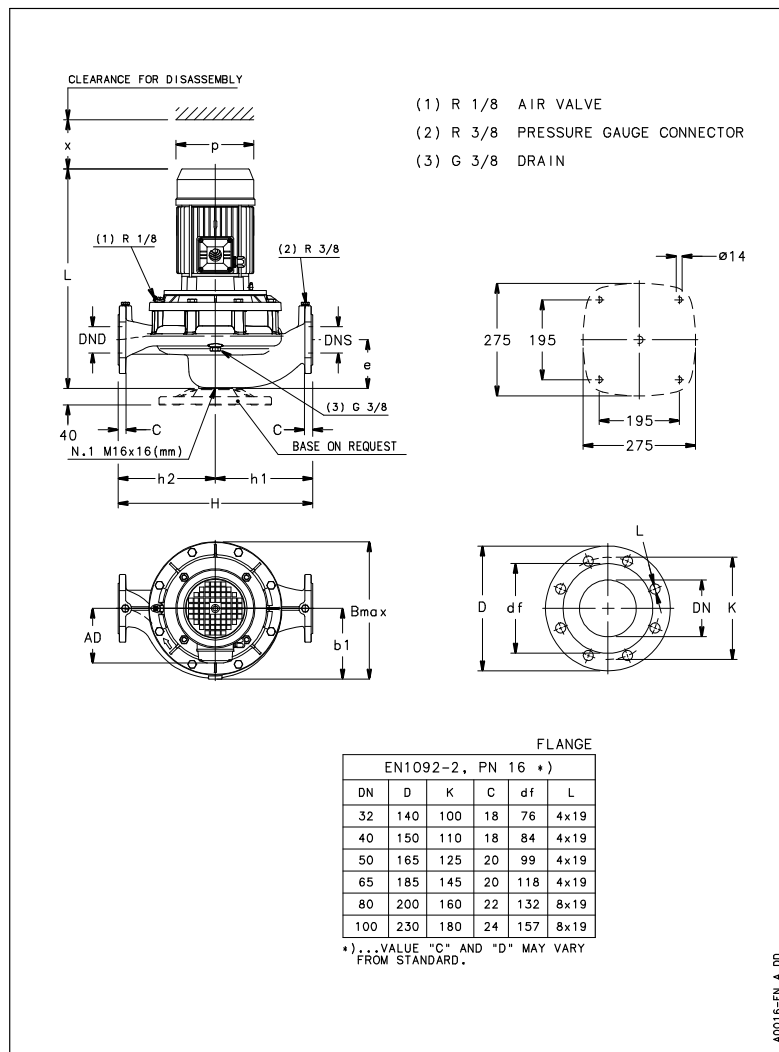
LNEE 40-125/05/X46RCS4

Dimensions

Company name
Contact
Phone number
e-mail address

Close coupled

LLM480B14/305



Dimensions [inch]

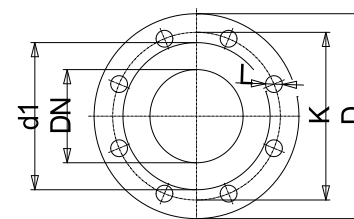
AD	5 ¹ / ₁₆
b1	5 ¹ / ₁₆
Bmax	9 ¹³ / ₁₆
DND	1 ⁹ / ₁₆
DNS	1 ⁹ / ₁₆
e	3 ¹⁵ / ₁₆
H	12 ⁵ / ₈
h1	6 ⁵ / ₁₆
h2	6 ⁵ / ₁₆
L	18 ⁵ / ₈
p	6 ¹ / ₈
x	3 ¹¹ / ₁₆

Weight

Total weight	30 kg
--------------	-------

Connections

Suction nozzle	Discharge nozzle
DN 40	DN 40
PN 16	PN 16
EN1092-2	EN1092-2
C	1 ¹¹ / ₁₆
D	5 ⁷ / ₈
df	3 ⁵ / ₁₆
DN	1 ⁹ / ₁₆
K	4 ⁵ / ₁₆
L	4 x 19



Value C, D may vary from Standard

Dimensions and weight without obligation

Project	Xylect-20185360	Created by		Last update	1/13/2025
Block	LNEE 40-125/07/X46RCS4	Created on	1/13/2025		