

Receiver

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

1FB4511AX

Customer pos. no.:

Model :

KDN 80-250/XXX/AW/BAQE/1/7.5/4 IE3

Pump data

Impeller size : 264 mm approximate values
Hydraulic curve at rpm: 1450 1/min
Rated speed : 1450 1/min
Coupling : Standard
Pressure rating : PN 16
Min. fluid temperature : -10 °C
Max. fluid temperature : 120 °C
Max. Ambient temperature : 50 °C

Requested data

Flow :
Head :
Fluid (%) :
Fluid Temperature : 20 °C
Density : 998.3 kg/m³
Kinematic viscosity : 1.005 mm²/s
Vapor pressure : 2.34 kPa

Hydraulic data (duty point)

Flow :
Head :
NPSH :
Shaft power P2 :
Efficiency :

Materials

Pump body Cast iron GG 25
Cover Cast iron GG 25
Wear ring suction side Cast iron GG 25
Shaft AISI 420
Impeller Cast iron GG 25
Wear ring in casing cover Cast iron GG 25
Shoulder ring Steel

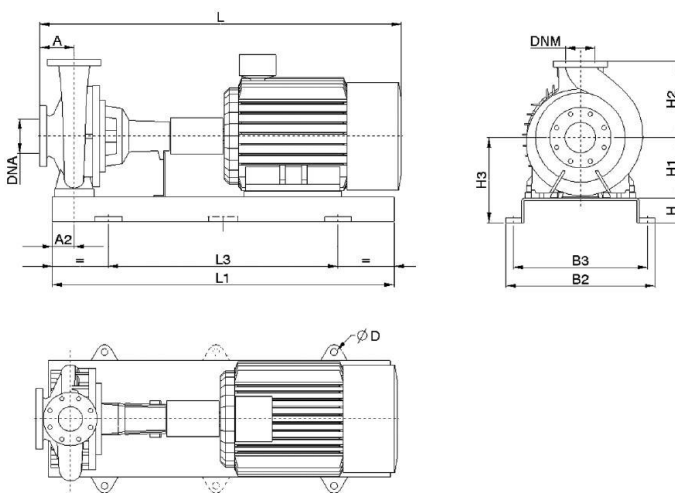
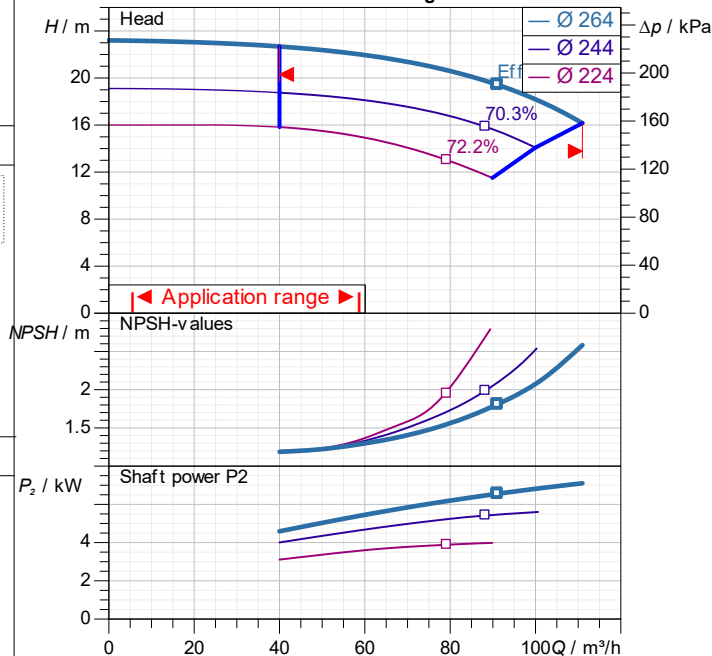
Shaft seal

Type Rubber
Stationary part Silicon carbide
Rotating part Carbon
Elastomer EPDM

Motor data

Nominal power P2 : 7.5 kW
Rated speed : 1463 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 14.6 A
Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 224 kg

Dimensions in mm

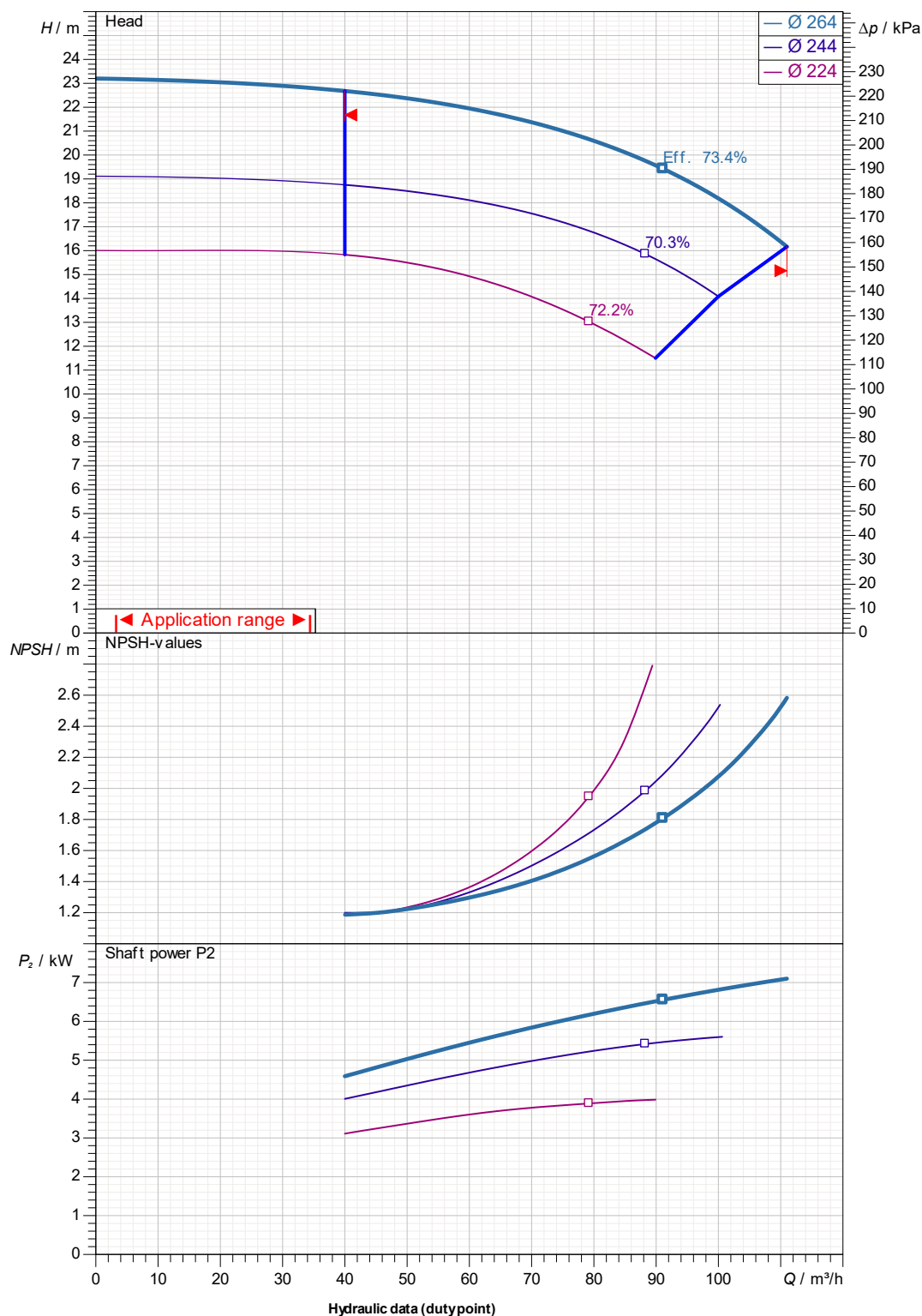
A	125	H1	225		
A2	90	H2	280		
B2	540	H3	305		
B3	490	L	1149		
D	4x24	L1	1250		
DNA	125	L3	840		
DNM	80				
H	80				

Pump connection

Suction side : DN 125 / PN 16
Discharge side : DN 80 / PN 16

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Curve tolerance according to ISO 9906


Suction side :
DN 125
PN 16

Discharge side :
DN 80
PN 16

Flow :

Head :

Rated speed :
1463 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

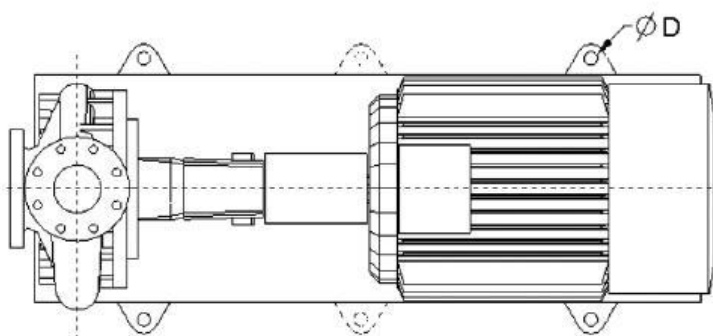
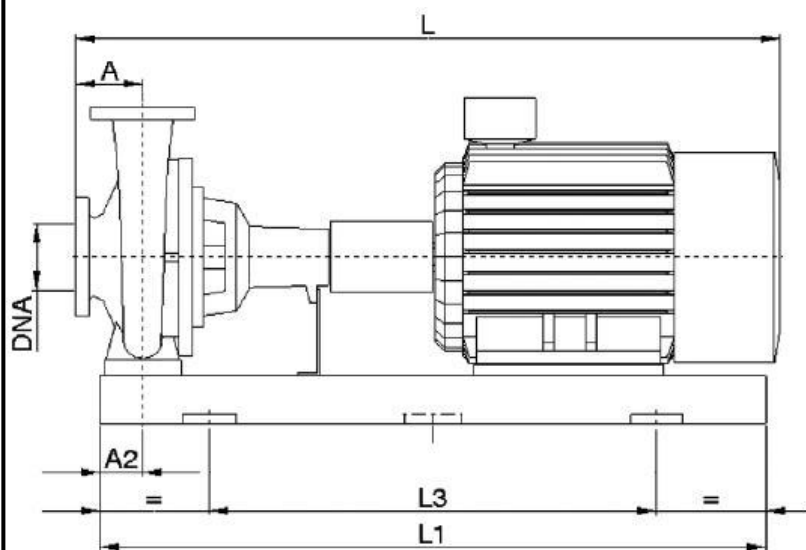
ISSUE_DATE

28/07/26

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Dimensions in mm

Pump connection

1	A	125	L	1149				Suction
2	A2	90	L1	1250				DN 125
3	B2	540	L3	840				PN 16
4	B3	490						
5	D	4x24						Discharge
6	DNA	125						DN 80
7	DNM	80						PN 16
8	H	80						
9	H1	225						
10	H2	280						
11	H3	305						

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