Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Technical data

Rexa PRO V08 DA-24

With motor
P 17.1-22/EAD0X2-T

Project ID Untitled project 2025-03-05 10:17:21.271
Project name
Installation location
Customer pos. No.

Date 2025-03-05

Pump

Pump type	Rexa PRO V08 DA-24
Installation type	Suspension device DN80 DN80/2RK
Free passage	80 mm
Nominal speed	3480
Frequency	60 Hz
Impeller type	Vortex impeller
Impeller construction	Open

Impeller Ø

designed	152 mm
standard	152 mm
Max.	152 mm
Min.	128 mm

Discharge port

Pressure rating	PN10
Rated diameter	DN80, DN100, cutoff
Standard	WILO-D

Suction port

Pressure rating	PN10
Rated diameter	DN80
Standard	WILO-S

Weights

Weight	max.	30 kg
Weight of motor		91 kg
Weight of unit	max.	121 kg

Materials

Pump housing	EN-GJL-250
Impeller	EN-GJL-250
Motor housing	EN-GJL-250

Motor

Motor name	P 17.1-22/EAD0X2-T
Number of poles	2
Rated power	10.5 kW
Rated speed	3494 1/min
Power input with rated power	12.1 kW
Rated voltage	208 ~3 V
Current input with rated power	39.6 A
Efficiency with rated power	86.6 %
cos phi with rated power	0.85
cos phi with starting	0
Rated frequency	60 Hz
Operation type wet	S1
Operation type dry	-
Starting current, direct starting	235 A
Starting current, star-delta	78.3 A
Starting torque	76 Nm
Inertia moment	0.0116 kg m²
Degree of protection	IP 68
Sel. explosion protection	ATEX
Ex-designation	II 2G Ex d IIB T4/T3 Gb
Ex-number	BVS 16 ATEX E 101 X
Motor connection cable	4x6 + 2x1,5 NSSHÖU
Max. fluid temperature	40 °C
Starts per hour max.	15

Duty point data

Volume flow	
Head	
Shaft power P2	
Hydr. efficiency η hyd.	
Power input P1	
Fluid	Water
Required pump NPSH	
Rotational speed	3,476 1/min
Max. flow	12.3 l/s
Head H(Qmax)	34.2 m
Shut off head	43.4 m
Best efficiency point Q(BEP)	25.2 l/s
Best efficiency point H(BEP)	24.7 m

Total efficiency $= \frac{P_2 * \text{Hydr. efficiency } \eta \text{ hyd.}}{P}$

ArtNr

Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Technical data

Rexa PRO V08 DA-24

With motor
P 17.1-22/EAD0X2-T

Project ID Untitled project 2025-03-05 10:17:21.271

Project name

Installation location

Date 2025-03-05

Tender text

Submersible Sewage Pump as submersible, single-stage block unit in stationary, vertical installation to pump untreated sewage which doesn't attack the pump neither chemically nor mechanically. Pump with radially arranged discharge piece and axial pump intake. Service-friendly design by separated motor and pump casing. Pumping values to be guaranteed as per ISO 9906 Annex A

MT-073

Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

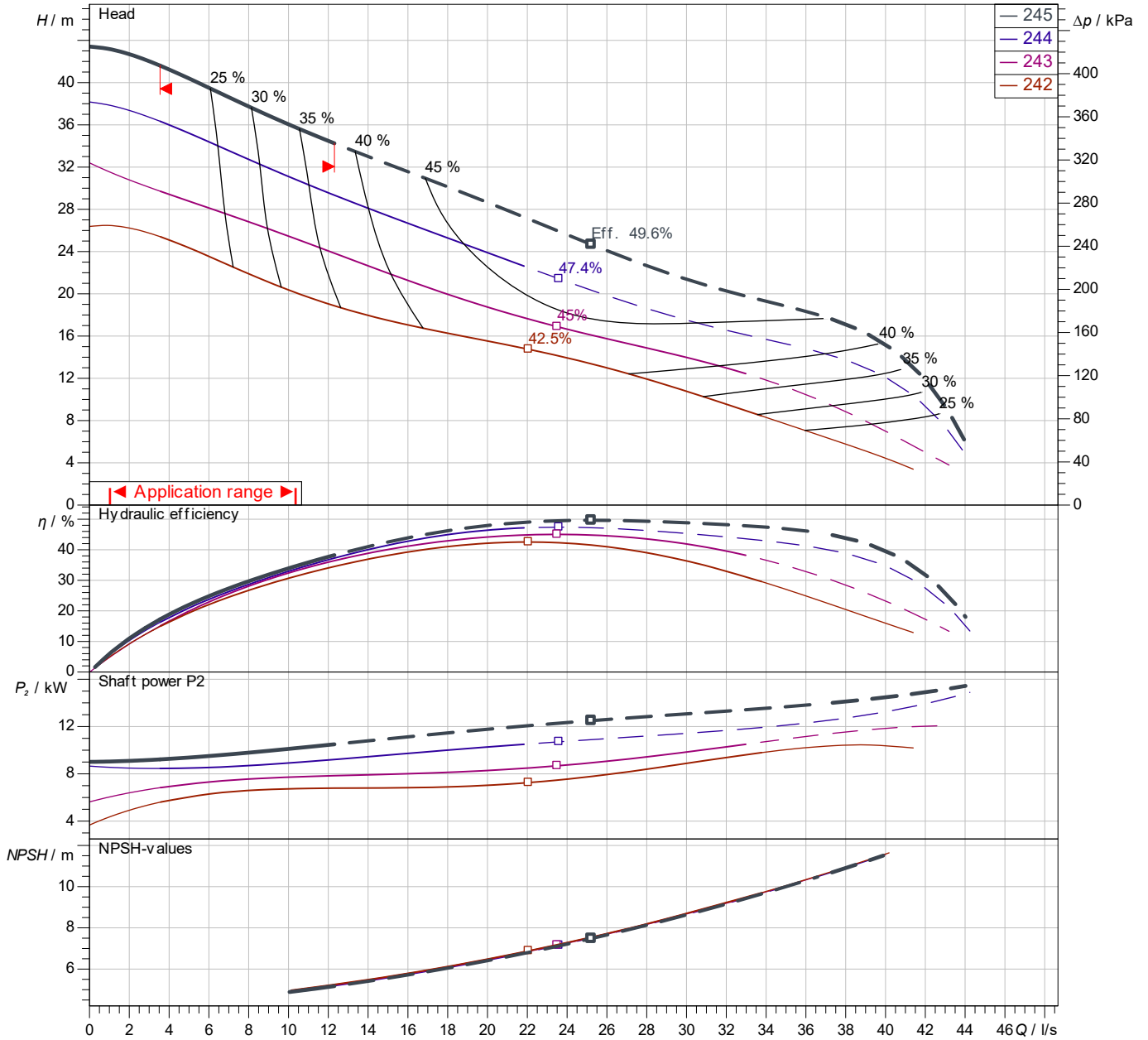
Performance curves

Rexa PRO V08 DA-24

With motor
P 17.1-22/EAD0X2-T

Project ID Untitled project 2025-03-05 10:17:21.271
Project name
Installation location
Customer pos. No.

Date 2025-03-05



Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s
Tolerance as per ISO 9906 / Annex A.2

Pump

Impeller Ø	designed	152 mm
Nominal speed		3,494 1/min
Frequency		60 Hz
Impeller type		Vortex impeller

Motor

Rated power	10.5 kW
Sel. explosion protection	ATEX

Duty point data

Volume flow	
Head	
Shaft power P2	
Hydr. efficiency η hyd.	
Power input P1	
Required pump NPSH	
Rotational speed	3476 1/min

Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

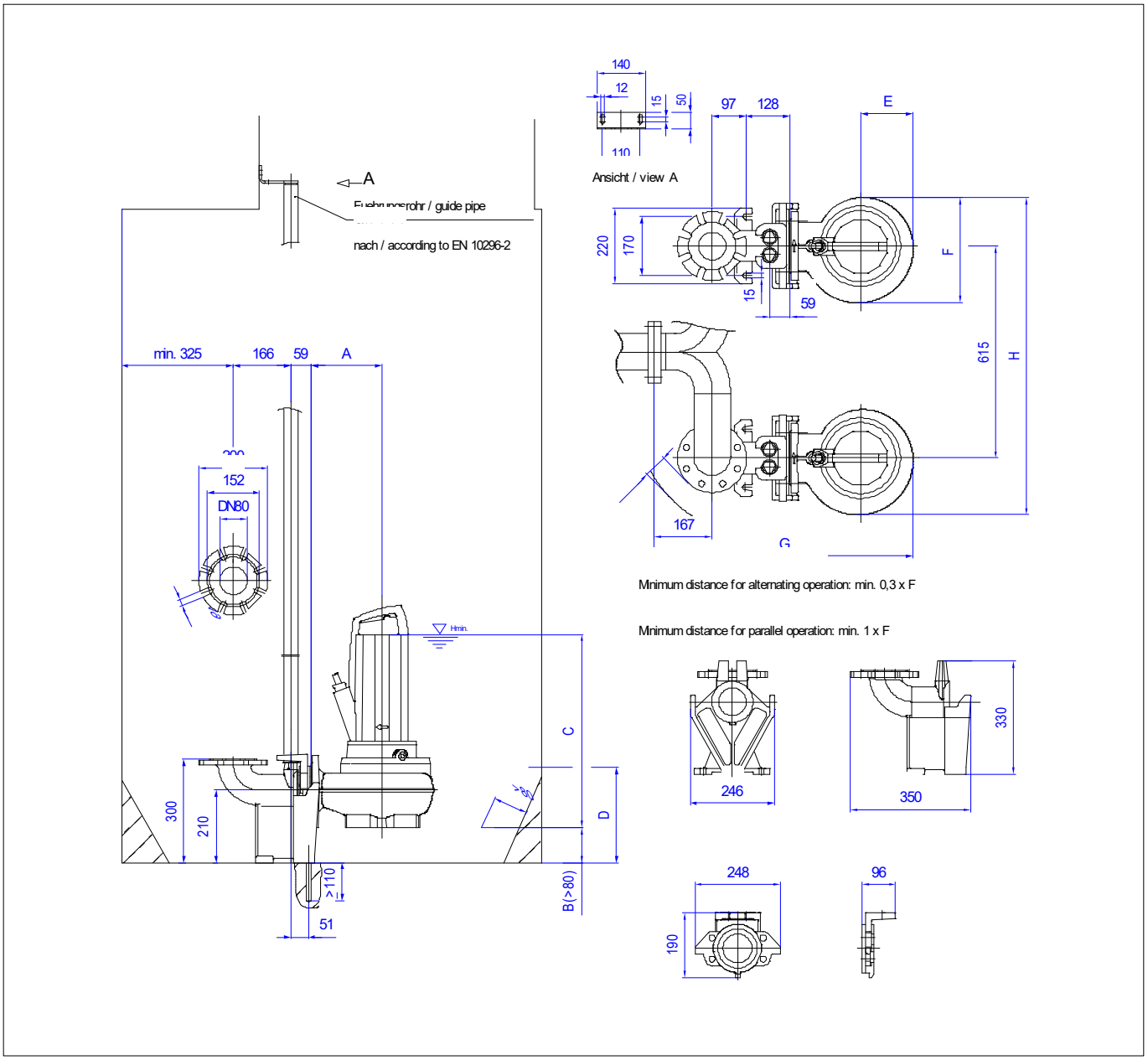
Dimensions

Rexa PRO V08 DA-24

With motor
P 17.1-22/EAD0X2-T

Project ID Untitled project 2025-03-05 10:17:21.271
Project name
Installation location
Customer pos. No.

Date 2025-03-05



Dimensions

Name	Value	Name	Value
A	195 mm		
B	105 mm		
D	285 mm		
E	148 mm		
F	288 mm		
G	735 mm		
H	903 mm		

Connections

Suction port	DN80
	PN10
Discharge port	DN80, DN100, cutoff
	PN10
Suspension device DN80	DN80/2RK