

## Technical Specification Sheet

### WANGEN - Helical Rotor Pump



Customer Rototec AG  
Luzernstrasse 224c

3078 Richingen  
Schweiz

#### Pump

Type:		KL50R 110.0
No:		934790
Pump execution:		horizontal / counter-clockwise
Medium:		Biomass (vegetables, leftovers)
Nominal speed of rotation:	r.p.m.	92,4 at 60 Hz
Flow rate:	m <sup>3</sup> /h	approx. 25
Working pressure:	bar	1 - 3
Rotor:		1.4301 duktil chrom plated
Stator:		NBR 440/60-ST
Joints:		Cardan joint, sealed 400/600
Joint sealing:		NBR
Bearing housing:		Cast iron (GG 25)
Shaft sealing:		Face seal with integrated quench, SS/ST/NBR medium white oil EXTRA
Hopper:		ST 400/600
Discharge nozzle:		cast iron flange DN 150 / PN 16 DIN 2501
Joint ring:		NBR
Drive flange:		300
Shaft:		50/V2A
Paint:	RAL	5007
Explosion proof pump:		without

#### Drive

Type:		Helical Gear Drive
Speed of rotation:	r.p.m.	SEW RF87 DRE160M4/TF 77
Mount. pos., Pos. therm.box, cable entry:		B5(M1) T.B. 180° normal
Motor power output	kW	9,2
Duty type:		S1
Voltage:	V	600
Frequency:	Hz	50 / 60
Motor connection:		
Frequency- / rotation range:		to Hz/ to rpm
Rated current	A	
Enclosure:		IP55
Thermal classification:		155F
added motor protection:		with thermistor protection
Explosion-proof gear unit:		without
Explosion-proof motor unit:		without

#### Accessories

Pump fixing:	Baseplate in steel
Temperature supervision:	PT 100 into the stator
Indicating device:	without
Pressure gauge:	without

\*) seen from drive shaft