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Customer: Impexron GmbH

Type: Classic AN 040 Version 2

Serial No.:
Code: PS4SARDPSE5E5CCC13

Order No.:

(Please mention when ordering Spare Parts)

Conveying Product			Operating Data		
Name	Permeat	Location	closed Building, dry		
Viscosity	1	Ex-Zone Gas	-		
Solid Content	N/A	Ambient Temperature	N/A		
Solid Size	N/A	Operating Mode	continuous		
Density	1 kg/dm³	Suction Pressure	positive		
Temperature	N/A	Discharge Pressure	1,0 bar		
ph Value	neutral	Differential Pressure	1,0 bar		
Performance	Q	Δp	NPSHr	n	P abs.
Operating Point 1	5,0 m³/h	1,0 bar	1,6 m	418 min-1	0,8 kW
Operating Point 2					
Operating Point 3					
Limit values given by ATEX supplementary operating manual or according to separate CE declaration must not be exceeded in any case.					

CE - Directives	☒ Machine - 2006-42	☐ ATEX - 2014-34	☐ Electrical - 2014-35
Conformities	☐ Decl. of Incorporation - 2006-42	☐ Food - 1935-2004	☐ EMC - 2014-30

Decoding	
PS4 Type	Classic AN 040 Version 2
S Gear Design (Bearings)	Standard
A Shafts	1x Drive Shaft, Cylindrical with Keyway, Pos. 0, Steel 1.7225/AISI 4140
R Flow Direction	reversible
D Lipseals / Inner Ring	Classic NBR / Steel 1.3505/AISI 52100 - Clean
P Pump Casing	Grey Cast Iron 0.6025/ASTM A48-40B, Standard - Clean
S Cover & Axial Plates	Hard Metal 1.8714/1.7225/ AISI 4140 - Clean
E Radial Liners	without
5 Holding Bushes	Stainless Steel 1.4404/AISI 316L - Clean
E Mechanical Seal	Mechanical Seal: Seal Faces SiSiC/SiSiC, O-Rings: NBR
5 Rotor Design	Dual-lobe, Screw Profile, Dius Rotor (Elastomer)
C Rotor / Tip Material	NBR
C O-rings (static)	NBR
C Flange Seals	NBR
1 Mounting Position	Pump Standing, Feet Downwards (M1)
3 Series Index	3
Special Equipment	-
Lubricants	
Intermediate Chamber	HLP 68
Timing Gear	CLP 220
Pipe Connections	
Material	Carbon Steel, galvanised
Suction Side	EN 1092-1 Typ 11 PN 16 DN 32
Pressure Side	EN 1092-1 Typ 11 PN 16 DN 32
Corrosion Protection	
Coating System	C4
Colour Pump	RAL 5021
Colour Drive	RAL 7031
Supplied Equipment	
☐ Dry Running Sensor	
☐ Temperature Controller / Guard	
☐ Pressure Switch	
☐ Safety Valve	
Drive Data	
Type of Drive	Helical Geared Motor
Make	Nord Drivesystems
Type	SK172.1-90LP/4 TF
Motor Output	1,5 kW
Speed	1465 / 245 min-1
Voltage	230/400 V
Frequency	50 Hz
Enclosure	IP 55
Temperature Class	F
Design	M1
Explosion Protection	-
Drive Connection	
Coupling	Rotex 42
Taper Bushes	1610 Ø20/30
Weight (Pump without Attachment Parts)	app. 53 kg