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Data Sheet 833948-833954 Page 1

seepex date	12/10/2012	**commission no.**	833948-833954
customer	Rotating Right		
seepex job no.	2114835	**offer/item:**	5348/3093/12-MW item 10 Amend. 2
project	PO: PO88025287		
7 of	**seepex progressive cavity pump**		
	type BN 130-12 / A1-C1-L8-F0-4EM4.1-X		
	X = 06B1, 0804, 163, 17T		

conveying product N/131/OW

denomination	Oil		
rate of solids	no advice	**viscosity**	ass. <500 cPs
size of solids	no advice	**pH-value**	ass. 5-9
spec. gravity	ass.1.0	**temperature**	5-50 °C
composition	12-22 API		
remarks			

performance data	**nom.**	**min**	**max**	
conveying capacity		220	440	**USGPM**
pump speed		143	270	**rpm**
press in press. branch		100	100	**psig**
press in suct. branch	ass. flooded			

differential pressure	100	**psig**	**operating torque**	896	**lb. ft.**
required drive power	47.6	**Hp**	**starting torque**	1151	**lb. ft.**
remarks	Data according to per Performance Curve				

technical pump data

range	BN	**kind of install.**	horizontal
size	130	**direction of rot.**	counter clockwise
pressure stage	12	**pos. of branch**	1

component	**material**	**design / option**
lantern	Grey cast iron GG25	standard
suction casing	Grey cast iron GG25	cleanouts both sides
suction connection		DN 8" ANSI B16.5 150 lb.
pressure branch	Grey cast iron GG25	standard
pressure connection		DN 8 " ANSI B16.5 150 lb.
joint	standard	standard
joint grease	10325	standard
joint seal	NBR	standard
coupling rod	1.4021 / AISI 420	standard
rotor	1.0503 (C45)	duktil coated
stator	NBR	TSE Design w/1.4571 sensor sleeve
seal casing	1.4571/AISI 316 Ti	single acting cartridge seal w/flush connection
seal		Cartex-QN5-140mm-Q1Q1-VMG
plug-in shaft	1.4021 / AISI 420	drilled ϕ 70 mm x 120 mm
special designs	**TSE Stator Only**	

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general operating data

kind of operation	8 hr/day
site of installation	indoors
remarks	

drive

type	Gearbox				
make	Nord	**ratio**	**i= 8.19**		
model	SK72VLF-320TC	**nom./ min- max**			
mounting position	M1 (B5)	**output speed**	217 /	143 - 270	**rpm**
flange dia	350 mm	**motor speed**	1775 /	1174 - 2218	**rpm**
output shaft	716/1300-004B4	**frequency**	60 /	40 - 75	**Hz**

electric motor

manufacturer	WEG			
model	05018XT3H326TC-W22	**voltage**	3x460	VAC
nominal power	50 Hp	**rated frequency**	60	Hz.
mounting position	F1 (C-Face/Footed)	**protection**	TEFC	
starting	direct at VFD	**thermal class**	F	
special	IEE841, 326TC, C-Face Adder, Class I, Div 2, Groups A,B,C,&D T3 Class II, Div 2, Groups F&G-T3C			

painting

execution	standard
color	RAL 5013 (blue)
remarks	

baseplate

standard	B-ST-LS US Design	**material**	carbon steel
drawing no.	801-200/1300-C-700A2	**surface**	painted
special/accessories	**extended for motor supports**		

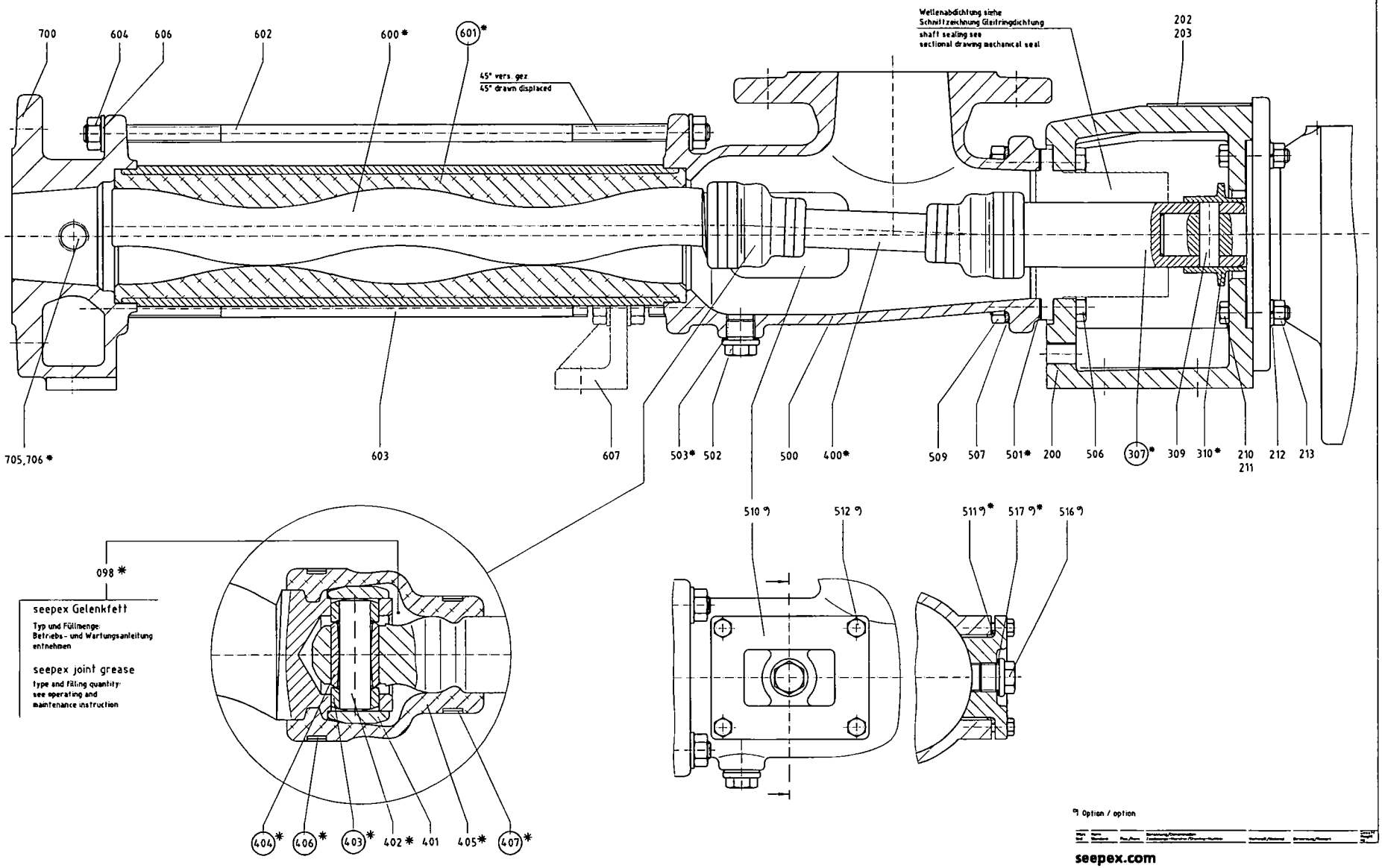
packing

packing type	Crate
marking	2114835

documentation

dimensional drawing no.	**126536**	**operating manual**	1 copy English
sectional drawing no.	062-004 1		
shaft sealing sect. view	062-0GB/1300-0-114 4		
remarks			

additional accessories / special designs / remarks



⁹) Option / option

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Werkzeug
Betriebs- und Wartungsanleitung entnehmen

tool
see operating and maintenance instruction

* Verschleißteile und Dichtungen
Betriebs- und Wartungsanleitung entnehmen

Wearing parts and sealings
see operating and maintenance instruction

Schnittzeichnung Baureihe "BN"
sectional drawing range "BN"

062-004B1

WEG