

ShinMaywa Submersible Sewage Pump CNWX(Explosion Proof)

Mechanical Seal , Ball Bearing and Lubrication Oil List

Bearing and Mechanical Seal information

Discharge	Solid Size	Model		HP	Bearing Type		Mechanical Seal Size
		Motor	Impeller		Upper	Lower	
3"	2.5" (65mm)	3CNWX41.5T*E	15-2	2	AC6205ZZC3/L448	6207ZZC3EDRU441	φ 30
		3CNWX42.2T*E	22-2	3	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
	3" (80mm)	3CNWX41.5T*E	15-4	2	AC6205ZZC3/L448	6207ZZC3EDRU441	φ 30
		3CNWX42.2T*E	22-4	3	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
		3CNWX43.7T*E	37-4	5	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
4"	3" (80mm)	4CNWX41.5T*E	15-4	2	AC6205ZZC3/L448	6207ZZC3EDRU441	φ 30
		4CNWX42.2T*E	22-4	3	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
		4CNWX43.7T*E	37-4	5	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
		4CNWX45.5T*E	55-2	7.5	AC6308ZZC3/L448	6212ZZC3EDRU441	φ 40
		4CNWX47.5T*E	75-2	10	AC6308ZZC3/L448	6212ZZC3EDRU441	φ 45
	4" (100 mm)	4CNWX43.7T*E	37-6	5	AC6305ZZC3/L448	6210ZZC3EDRU441	φ 35
		4CNWX45.5T*E	55-4	7.5	AC6308ZZC3/L448	6212ZZC3EDRU441	φ 40
		4CNWX47.5T*E	75-4	10	AC6308ZZC3/L448	6212ZZC3EDRU441	φ 45
6"	4" (100mm)	6CNWX47.5T*E	75-4	10	AC6308ZZC3/L448	6212ZZC3EDRU441	φ 45

Lubricating Oil

Discharge	Solid Size	Model		HP	Lubricating Oil		
		Motor	Impeller		Capacity (ozs)	Capacity (cc)	Name
3"	2.5" (65mm)	3CNWX41.5T*E	15-2	2	24.6	700	Turbine Oil #32
		3CNWX42.2T*E	22-2	3	43.7	1240	
	3" (80mm)	3CNWX41.5T*E	15-4	2	24.6	700	
		3CNWX42.2T*E	22-4	3	43.7	1240	
		3CNWX43.7T*E	37-4	5	43.7	1240	
4"	3" (80mm)	4CNWX41.5T*E	15-4	2	24.6	700	
		4CNWX42.2T*E	22-4	3	43.7	1240	
		4CNWX43.7T*E	37-4	5	43.7	1240	
		4CNWX45.5T*E	55-2	7.5	60.0	1700	
		4CNWX47.5T*E	75-2	10	60.0	1700	
	4" (100 mm)	4CNWX43.7T*E	37-6	5	43.7	1240	
		4CNWX45.5T*E	55-4	7.5	60.0	1700	
		4CNWX47.5T*E	75-4	10	60.0	1700	
6"	4" (100mm)	6CNWX47.5T*E	75-4	10	60.0	1700	

DWG.	Hayashi	Apr. 25. 2017	Mark	History			DWG. No. Y404925
JUDG	Takeuchi	Apr. 25. 2017					
APRD.	Tarui	Apr. 25. 2017					

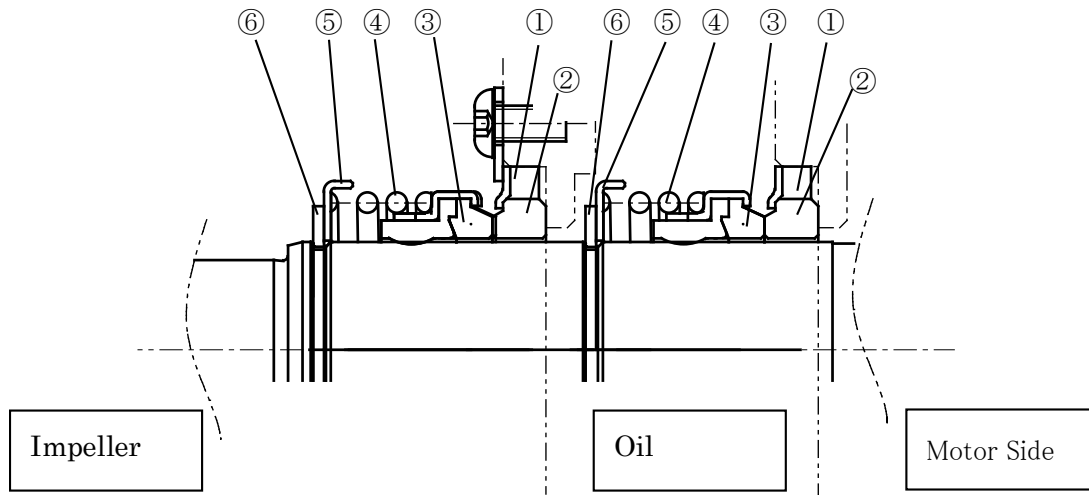
ShinMaywa Submersible Sewage Pump CNWX(Explosion Proof)**Mechanical Seal**

Mechanical seal is the most critical part of submersible pumps.

ShinMaywa provides the most reliable mechanical seal available for submersible pumps.

ShinMaywa provides hard seal face materials for all "CNWX" series submersible pumps.

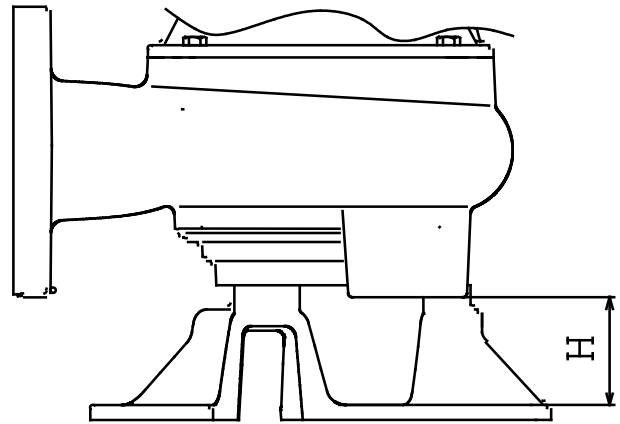
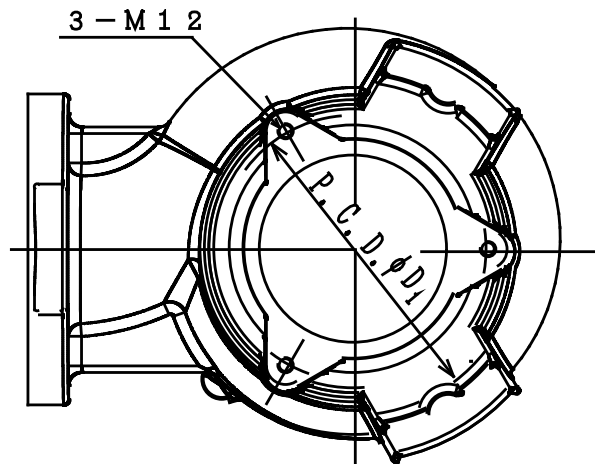
Each seal interface are held in contacted by its own spring system and also the position of both mechanical seals shall be depended on the shaft.



No.	PART NAME	MATERIALS
1	CUP GASKET	NBR
2	MATING RING	SiC
3	SEAL RING	SiC
4	COIL SPRING	AISI 304 Stainless Steel
5	SPRING HOLDER	AISI 304 Stainless Steel
6	RETAINING RING	AISI 304 Stainless Steel

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Tap Information for Stand



Discharge Size	Type	Impeller No.	HP	Solid Size	P.C.D ϕ D1 (mm)	Clearance H	Tap Drill Length (mm)
3inch	3CNWX41.5T*E	15-2(S)	2	2.5inch	165 ^{±0.3}	2.5inch	21
	3CNWX42.2T*E	22-2(S)	3				
	3CNWX41.5T*E	15-4(S)	2				
	3CNWX42.2T*E	22-4(S)	3				
	3CNWX43.7T*E	37-4(S)	5				
4inch	4CNWX41.5T*E	15-4(S)	2	3inch	192 ^{±0.3}	3inch	
	4CNWX42.2T*E	22-4(S)	3				
	4CNWX43.7T*E	37-4(S)	5				
	4CNWX45.5T*E	55-4(S)	7				
	4CNWX47.5T*E	75-4(S)	10				
	4CNWX43.7T*E	37-6(S)	5	4inch	250 ^{±0.3}	4inch	
	4CNWX45.5T*E	55-4(S)	7				
	4CNWX47.5T*E	75-4(S)	10				
6inch	6CNWX47.5T*E	75-4(S)	10				