

MATERIALS LIST

MODEL	RATED POWER	Voltage
CNXH	40/50HP	460V

No.	Denomination	Material
1	Cable(power)	S00W(194° F) UL62
2	Cable entry	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
3	Eyebolt	S U S 3 0 4 (AISI 304) Stainless steel
5	Motor cover	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
6	Stator	_____
7	Rotor assembly	Shaft=S U S 4 2 0 J 2 (AISI 420) Stainless steel
9	Cable(control)	S00W(194° F) UL62
10	Stator casing	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
11	Upper bearing	Creep prevention ball bearing
12	Lower bearing	Duplex angular contact ball bearing
13	Bearing holder	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
14	Oil casing	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
15	Impeller	40/50HP : F C D 5 0 0 (ISO 500-7S) Ductile iron casting Option(40/50HP) : S C S 1 3 Stainless steel casting
17	Pump casing	F C 2 5 0 (ASTM A48 Class 35) Gray iron casting
18	Mechanical seal	Upper SiC/SiC Lower SiC/SiC
20	Suction cover	F C 2 0 0 (ASTM A48 Class 30) Gray iron casting
23	Oil	Turbine oil #32
26	Wear ring	Brass casting
28	Mechanical seal bracket	F C 2 0 0 (ASTM A48 Class 30) Gray iron casting
109	O ring	NBR Nitrile butadiene rubber
117	Cable clamp	S U S 3 0 4 (AISI 304) Stainless steel
125	Electrode leakage detector	S U S 3 1 6 (AISI 316) Stainless steel

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