北京华创明天科技有限公司

GT Auxiliary/Emergency Lube Oil Pump

Parameters:

❑ Electric Motor Drive Pump

No.	Description	Model	Flow Rate m³/h	Head m	Speed r/min	Rated Power kW	Remarks
1	DC Emergency Oil Pump	LY95-18	95	18	1,750	7.5	9E
2	AC Auxiliary Oil Pump	LY180-90	180	90	2,950	90	9E
3	DC Emergency Oil Pump	LY98-34	98	34	3,000	22	6F.01
4	AC Auxiliary Oil Pump	LY147-67	147	67	2,950	75	6F.01
5	DC Emergency Oil Pump	LY130-29	130.8	29	3,000	22	6F.03
6	AC Auxiliary Oil Pump	LY216-64	216	64	2,950	75	6F.03
7	DC Emergency Oil Pump	LY57-25.4	57	24.5	1,750	9	6B
8	AC Auxiliary Oil Pump	LY105-53	105	53	2,950	30	6B

❑ Hydraulic Motor Drive Pump

No.	Description	Model	Flow L/min	Rated Pressure MPa	Max. Pressure MPa	Speed r/min	Rated Power kW	Remarks
1	Auxiliary Hydraulic Pump	LY50-9	50.7	9.0	17.5	1,450	15	9E
2	Auxiliary Hydraulic Pump	LY45-8.3	45.4	8.27	11.0	1,450	15	6F.01, .03
3	Auxiliary Hydraulic Pump	LY39-8.3	37.8	8.27	13.79	1,450	11	6B
4	Barring Hydraulic Pump	HWY7-6.2	7.0	6.2	9.31	1,000	1.1	6B

Product No.：4LYB-50

GE PN/197B8548G122

- ❑ Rated Flow：104 m3/h
- ❑ Rated Currency：55.5A
- ❑ Rated Pressure： 0.45 Mpa
- ❑ Efficiency：70%-75%
- ❑ Input Power：23 KW
- ❑ Rated Speed：2,900 r/min
- ❑ Rated Power：30 kw



Material：

- ❑ Impeller：stainless steel
- ❑ Pump Cover：cast Iron
- ❑ Pump Body：Q235
- ❑ Pump Shaft：40Cr

Motor：

- ❑ Motor Model：YB200L1-2
- ❑ Protection Class：IP44
- ❑ Insulation Class： F
- ❑ Rated Power： 30 KW
- ❑ Rated Voltage：380/660 v
- ❑ Rated Currency： 56.9/32.9 A
- ❑ Rated Speed：2,950 rpm
- ❑ Frequency：50 Hz
- ❑ Weight：278 kg
- ❑ Total Weight with Package：1,500 KGS

Product Description

Overview: Gas turbine lube oil pumps include LY-type AC auxiliary oil pumps, DC emergency oil pumps, auxiliary hydraulic pumps and HWY-type barring hydraulic pumps. Among them, the AC auxiliary oil pump and DC emergency oil pump are single-stage, single-suction vertical centrifugal pumps. The auxiliary hydraulic pump and barring hydraulic pump are vane pumps. The auxiliary hydraulic pump is vertically mounted, while the barring hydraulic pump is horizontally mounted. The AC auxiliary oil pump and auxiliary hydraulic pump are driven by AC motors; the DC emergency oil pump and barring hydraulic pump are driven by DC motors. They are applicable to gas turbine models such as 6B, 6F.01, 6F.03 and 9E, to supply lubricating oil or hydraulic control oil for gas turbine generator sets.

Operation Range: See above parameter table.

Temperature Range: +10℃ ~ +70℃