

8- پمپ های روغن توربوژنراتور

شامل سه دستگاه پمپ روغن جهت روانکاری توربوژنراتور:

1- پمپ اگزولاری، جهت استفاده زمان استارت و توقف توربوژنراتور

2- پمپ امرجنسی، جهت استفاده در زمان عدم دسترسی به برق شبکه

3- پمپ اصلی، جهت استفاده در زمان بهره برداری از توربوژنراتور

مشخصات فنی و تصویر روتور پمپ روغن اگزولاری



LUBE OIL SYSTEM

AUXILIARY OIL PUMP MAV20 AP120

Manufacturer	ALLWEILER, Germany
Type	VKF 280-R43
Construction	screw spindle type
Operating speed	2900 min ⁻¹
Operating pressure	12 bar(g)
Capacity:	462 l/min (at 65°C)
Drive:	ELMOTOR
Manufacturer	ABB
Type	180 M
Design power	18,5 kW
Current	3 ph., 380 V/50 Hz
Speed	2900 min ⁻¹

مشخصات فنی پمپ روغن امرجنسی

EMERGENCY OIL PUMP MAV25 AP110

Manufacturer	ALLWEILER, Germany
Type	VKF80-R42
Construction	screw spindle type
Operating speed	3000 min ⁻¹
Operating pressure	2,5 bar(g)
Capacity	142 l/min
Drive	DC-Motor
Manufacturer	ABB - Holand
Speed	3000 min ⁻¹
Voltage	110 V/DC
Power	2 kW

MAIN OIL PUMP (on gearbox) MAV20 AP210*

Manufacturer	ALLWEILER, Germany
Type	SNG 660.0
Construction	screw spindle type
Operating speed	1500 min ⁻¹
Operating pressure	10,5 bar(g)
Drive	low speed gear-box shaft
Required power	11,2 kW
Capacity	460 l/min
Oil type	ISO VG 46
Oil temperature operation/start up	app. 65/35 °C

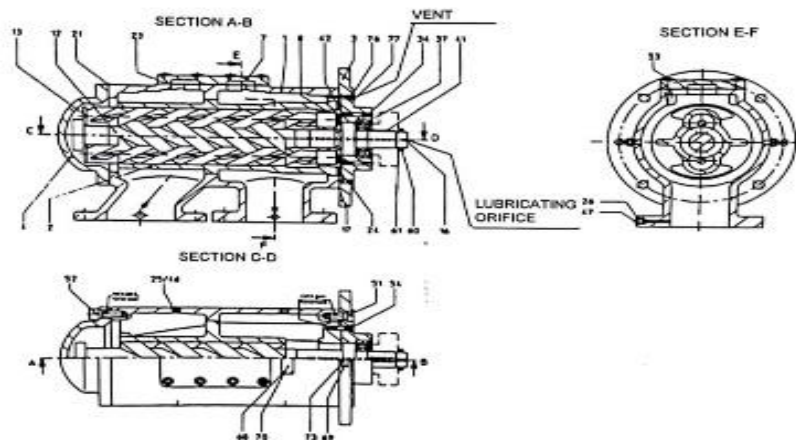


Section
3.4

Page
5 (25)

LUBE OIL SYSTEM

MAIN OIL PUMP - TYPE ALLWEILER - SNG



- | | |
|--------------------|------------------|
| 1 pump casing | 41 key |
| 2 casing insert | 42 pin |
| 3 cover | 46 screw plug |
| 4 cover | 47 screw plug |
| 7 blind cover | 51 socket screw |
| 8 bushing | 52 socket screw |
| 12 drive spindle | 53 socket screw |
| 13 running spindle | 54 socket screw |
| 16 nozzle | 60 shaft nut |
| 17 packing | 61 lock washer |
| 21 packing | 68 rivet |
| 23 O-ring | 69 rivet |
| 24 packing | 70 shield |
| 25 packing piece | 73 shield |
| 26 packing piece | 76 packing piece |
| 34 ball bearing | 77 nozzle |
| 37 retaining ring | |