Technical Specification:

Sl No	Description	Oil Purification Motor – 11 KW	DC Emergency Oil Motor – 11 KW	On Line Tube Cleaning Motor – 5.5 KW	Separator Motor – 4 KW	Separator Motor – 3 KW	Vacuum Pump Re Circulation Motor – 1.5 KW	Booster Pump Motor – 1.5 KW	Oil Vapour Exhaust fan Motor – 1 .1 KW	OVEF Motor – 0.37 KW	Re Circulation Motor – 0.37 KW
1	Capacity	11 KW	11 KW	5.5 KW	4 KW	3 KW	1.5 KW	1.5 KW	1.1 KW	0.37 KW	0.37 KW
2	Voltage	415±10 %	ARM & Field V: 220 V	415±10 %	415±10 %	415±10 %	415±10 %	415±10 %	415±10 %	415±10 %	415±10 %
3	Full load Current	20 A	Arm: 59 A Field: 0.44 A	10.6 A	7.5 A	5.4 A	3.28 A	3.28 A	3.28 A	0.81 A	1.14 A
4	Connection	DELTA		DELTA	DELTA	DELTA	STAR	STAR	STAR	STAR	STAR
5	Frame No	E 160 L	AFS225M	132S	BRC 112	100 L	90S	90S	80	E 71	71
6	Frequency	50 Hz±5 %		50 Hz±5 %	50 Hz±5 %	50 Hz±5 %	50 Hz±5 %	50 Hz±5 %	50 Hz±5 %	50 Hz±5 %	50 Hz±5 %
7	No. of Poles	4		4	2	2	2	4	2	2	4
8	Speed	1450 RPM	2900 RPM	1540 RPM	2860 RPM	2875 RPM	2840 RPM	1435 RPM	2870 RPM	2780 RPM	1400 RPM
9	Duty	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
10	Type of Connection	B5- Flange Mounted	B3 - Horizontal	B3 - Horizontal	B5 Flange Mounted	B5 Flange Mounted	B5 Flange Mounted	B5 Flange Mounted	B3 - Horizontal	B5 Flange Mounted	B5 Flange Mounted
11	Mounting	Horizontal	Horizontal	Horizontal	Vertical	Vertical	Horizontal	Vertical	Horizontal	Horizontal	Vertical
12	Class of Insulation	F	F	F	F	F	F	F	F	F	F
13	Ambient Temperature	50 °C	50 °C Cooling – ICO141)	50 °C	50 °C	50 °C	50 °C	50 °C	50 °C	50 °C	50 °C
14	Direction of Rotation	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional	Bidirectional
15	Degree of Protection	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
16	Type	Flame proof Induction Motor (Ex d IIB T4)	Shunt	Induction Motor	Induction Motor	Induction Motor	Induction Motor	Induction Motor	Flame proof Induction Motor (Ex d IIB T4)	Induction Motor	Induction Motor
17	Efficiency Class as per IS 12615: 2011	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
18	Cable Size	1R*3C*25 Sq mm Alu	1R*3C*25 Sq mm Alu & 1R*3C*25 Sq mm Cu	1R*3C*25 Sq mm Alu	1R*3C*16 Sq mm Alu	1R*3C*16 Sq mm Alu	3C*2.5 Sq mm Copper	3C*2.5 Sq mm Copper	3C*2.5 Sq mm Copper	3C*2.5 Sq mm Copper	3C*2.5 Sq mm Copper
19	Suitable Make: M/s Crompton Greaves / ABB Ltd., / Kirloskar / Marathon										