Refrigeracion Verde

Industrial Refrigeration , Air Conditioning and Ventilation

Design and Manufacture of Engineered Equipment

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BITZER OPEN RECIPROCATING COMPRESSOR CONDENSING UNITS , AIR COOLED , AZEOTROPIC MIXTURE R507A

Open Compressor Condensing Units are reliable and make industrial class refrigeration equipment
The refrigeration system is not contaminated if the motor burns out , an motor that is easy to repair or replace

STANDARD FEATURE :

- Electrical Motor WEG W22 , IE3 Premium , 4-Poles (60 Hz) , IP 55
- Coupling and Coupling Housing for the aligned of the Motor
- Cooled Shaft Seal by means of pressure oil
- Pressure oil lubrication with reversible Gear Pump
- Air Cooled Condenser Coil with Sub-cooling circuit
- Oil Separator , Liquid Receiver , Suction Liquid Separator
- Suction and Discharge Valves , Crankcase Heater,
- Oil Pressure Switch , Discharge Gas Temperature Sensor



OPTIONAL FEATURE :
Variable speed Motor , Water-cooled or Fan cooling Cylinder Heads when Discharge Temperature is higher than 100°C , BSE 55 Oil type , Heat Exchanger for Oil Cooling , Water Heater with Hot Gas Heat Recovery , Special design for Marine Operation , 2-Stage Compressor

COMPRESSOR 1750 RPM		**SST - 10°C** , SH 10°K / SDT 50°C , SC 5K CONDENSATION AIR ENTERING AT 35°C						**SST - 15°C** , SH 10°K / SDT 50°C , SC 5K CONDENSATION AIR ENTERING AT 35°C					
MODEL	M3/H	KW_R 100%	KW_M	MOTOR POWER KW / SIZE	OIL LOAD KW	DISCH GAS °C	HEAT REJEC KW	KW_R 100%	KW_M	MOTOR POWER KW / SIZE	OIL LOAD KW	DISCH GAS °C	HEAT REJEC KW
2T.2Y	23.75	11.12	5.57	7.5 / 132S	-	75.9	16.70	8.82	5.12	7.5 / 132S	-	78.4	13.94
2N.2Y	33.84	15.84	7.83	11 / 160M	-	75.4	23.7	15.53	7.24	9.2 / 132M/L	-	78.2	19.77
4T.2Y	47.5	22.20	11.16	15 / 160M	-	76.0	33.4	17.63	10.26	15 / 160M	-	78.5	27.9
4P.2Y	56.9	26.50	13.39	18.5 / 160L	-	76.2	39.9	21.0	12.34	18.5 / 160L	-	78.9	33.3
4N.2Y	67.7	31.70	15.65	22 / 180M	-	75.4	47.3	25.1	14.46	18.5 / 160L	-	78.1	39.5
4H.2 Y	88.8	40.7	21.0	30 / 200M	-	77.1	61.7	32.2	19.19	30 / 200M	-	79.6	51.4
4G.2Y	102.0	47.1	23.9	30 / 200M	-	76.4	71.0	37.0	21.9	30 / 200M	-	79.3	58.8
6H.2Y	133.4	61.0	31.5	45 / 225S/M	-	77.1	92.5	48.2	28.8	37 / 200L	-	79.6	77.0
6G.2Y	153.0	70.6	35.8	45 / 225S/M	-	76.4	106.5	55.4	32.8	45 / 225S/M	-	79.2	88.1
6F.2Y	183.0	85.1	43.4	55 / 225S/M	-	76.6	128.6	67.0	39.9	55 / 225S/M	-	79.5	106.9

COMPRESSOR 1750 RPM		**SST - 25°C** , SH 10K / SDT 45°C , SC 5K CONDENSATION AIR ENTERING AT 35°C						**SST - 35°C** , SH 10K / SDT 45°C , SC 5K CONDENSATION AIR ENTERING AT 35°C					
MODEL	M3/H	KW_R 100%	KW_M	MOTOR POWER KW / SIZE	OIL LOAD KW	DISCH GAS °C	HEAT REJEC KW	KW_R 100%	KW_M	MOTOR POWER KW / SIZE	OIL LOAD KW	DISCH GAS °C	HEAT REJEC KW
2T.2Y	23.75	5.95	4.05	5.5 / 132S	-	79.7	10.00	3.28	3.36	5.5 / 132S	-	97.4	6.64
2N.2Y	33.84	8.44	5.67	7.5 / 132S	-	79.0	14.12	4.65	4.47	9.2 / 132M/L	-	92.6	9.12
4T.2Y	47.5	11.90	8.11	11 / 160M	-	79.8	20.0	6.57	6.72	9.2 / 132M/	-	97.4	13.29
4P.2Y	56.9	14.17	9.70	15 / 160M	-	80.0	23.9	7.82	7.89	11 / 160M	-	96.3	15.71
4N.2Y	67.7	16.89	11.34	15 / 160M	-	78.9	28.2	9.30	8.94	15 / 160M	-	92.6	18.24
4H.2 Y	88.8	21.60	14.55	22 / 180M	-	79.2	36.1	11.78	10.91	15 / 160M	-	89.8	22.7
4G.2Y	102.0	24.50	16.86	22 / 180M	-	80.4	41.3	13.05	12.57	18.5 / 160L	-	92.7	25.6
6H.2Y	133.4	32.30	21.8	30 / 200M	-	79.2	54.2	17.67	16.35	22 / 180M	-	89.8	34.0
6G.2Y	153.0	36.70	25.3	37 / 200L	-	80.4	61.9	19.57	18.87	30 / 200M	-	92.8	38.4
6F.2Y	183.0	44.60	31.0	45 / 225S/M	-	80.8	75.5	23.9	23.3	37 / 200L	-	93.8	47.2

1 RT (12000 BTU/HR) = 3.5169 KW_R , 1 HP = 0.7457 KW