

Mechanical Drive Specifications

KAWASAKI HEAVY INDUSTRIES, LTD., AKASHI, JAPAN

MODEL	POWER RATING ISO Base Load (HP)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD		
						Turbine Inlet Temp. (°C)	Exhaust Flow (kg/sec)	Exhaust Temp (°C)
L30A	47,660	6,100	5,600	25.8:1	8	—	92.6	502

MAN ENERGY SOLUTIONS SE, OBERHAUSEN, GERMANY

MODEL	POWER RATING ISO Base Load (HP)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD		
						Turbine Inlet Temp. (°C)	Exhaust Flow (kg/sec)	Exhaust Temp (°C)
MGT6000	9,250-11,130	7,270-7,480	12,000	15-16	6	—	28.1-30.0	460-480
THM1304-10N	14,080	8,370	9,000	10	2	—	46.5	490
THM1304-12N	16,090	8,210	9,000	11	2	—	48.1	525

mitsubishi power, YOKOHAMA, JAPAN, power.mhi.com

MODEL	POWER RATING ISO Base Load (HP)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD		
						Turbine Inlet Temp. (°C)	Exhaust Flow (kg/sec)	Exhaust Temp (°C)
H-100	144,350	6,542	3,600	18.4	10	—	293	534
H-100	160,780	6,549	3,000	20.1	10	—	315	552

Note: All ratings are at the gas turbine shaft end and based on the natural gas fuel

MITSUBISHI POWER AERO, LLC, GLASTONBURY, CONNECTICUT, U.S.A.

MODEL	POWER RATING ISO Base Load (HP)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD		
						Turbine Inlet Temp. (°F)	Exhaust Flow (lbs/sec)	Exhaust Temp (°F)
FT8	37,940	6,580	5,500	20.2	9	—	193.4	857

1 shp base. Note: Estimates are for natural gas fuel