

2022-2023 BASIC SPECIFICATIONS

GAS TURBINE ENGINES

Manufacturer	Page Reference	Model Number	Type	Fuel	Continuous Output at ISO Conditions		Heat Rate		Pressure Ratio	Mass Flow		Turbine Inlet Temp (°C)	Exhaust Temp (°C)	Output Shaft Speed (r/min)	
			EG=Electric Generator GG=Gas Generator MD=Mechanical Drive MN=Marine Propulsion	L=Liquid G=Gaseous	(bhp)	(kW)	(btu/hph)	(kJ/kWh)		(lb/s)	(kg/s)			min	max
ANSALDO ENERGIA	222	AE64.3A	EG	L/G		80000		9890	18.3	474	215		580	3000	3600
		AE94.2	EG	L/G		190000		9917	12	1224	555		550	3000	3000
		AE94.2K	EG	L/G		170000		9863	12	1190	540		545	3000	3000
		AE94.3A	EG	L/G		340000		8933	19.5	1664	755		593	3000	3000
		GT26	EG	L/G		370000		8780	35	1634	741		625	3000	3000
		GT36-S5	EG	L/G		538000		8411	26	2249	1020		621	3000	3000
		GT36-S6	EG	L/G		369000		8511	24	1565	710		630	3600	3600
		AE-T100	EG	G		100		12000	4.5	1.8	0.8		270	70000	70000
BAKER HUGHES	*	NovaLTS/Frame9	EG	G / G-L	7,400 /177,012	5,500 /132,000	8,637 / 7,353	12,217 / 10,405	14.8 / 12.7	44.9 / 903	20.4 /410	-	580 To 540		12,500 / 3,000
CAPSTONE	*		GG	G or L	38 to 1341	28 to 1000	7700 to 10200	10,900 to 14,400		0.7 to 14.7	.03 to 6.7	50	275 to 311	30,000 or 45,000	61,000 or 96,000
CENTRAX GAS TURBINES	*		EG	L or G		3947 to 66,000		8715 to 12,391			15.7 to 178		424 to 559		
DAIHATSU DIESEL MFG. CO. LTD.	211, 227	DT-4	EG	L		441		18110	8.0	6.6			570		1800
		DT-4W	EG	L		883		18110	8.0	13			570		1800
		DT-6	EG	L		662		17890	8.0	11			610		1800
		DT-10	EG	L		1103		19190	8.0	18			520		1800
		DT-10A	EG	L		1324		17890	8.0	18			560		1800
		DT-14	EG	L		1546		17890	8.0	23			580		1800
		DT-20	EG	L		2206		17890	8.0	33			570		1800
		DT-10AW	EG	L		2648		17890	8.0	37			560		1800
		DT-14W	EG	L		3089		17890	8.0	45			580		1800
		DT-20W	EG	L		4412		17890	8.0	66			570		1800
GE GAS POWER	*		EG	G or L/G	7510 to 174,467	5600 to 130,100	5885 to 11,127	8327 to 12,510	10.5 to 40	43 to 927	19.6 to 420		452 to 546		3600 to 16,630
			MD	G or L/G	15907 to 175,272	11,862 to 130,700	5768 to 8714	8160 to 12330	8.8 to 40	138 to 927	47 to 420		417 to 546		3000 to 7900
KAWASAKI HEAVY INDUSTRIES LTD.	*		EG	G or L/G	1991 to 40391	1485 to 30120	6340 to 10771	8970 to 15085	9.40 to 25	17.5 to 196	8 to 88.7		470 to 545	1500	1800
		L30A	MD	G	41546	30980	6164	8720	24.9	195.6	88.7		470		5600
MAN ENERGY SOLUTIONS SE	201, 225	THM 1304-10N	MD	L/G	14080	10500	8370	11840	10	102.5	46.5	-	490	3870	9450
		THM 1304-10N	EG	L/G	13520	10080	8720	12330	10	102.5	46.5	-	490		9000
		THM 1304-12N	MD	L/G	16090	12000	8210	11610	11	106	48.1	-	525	3870	9450
		THM 1304-12N	EG	L/G	15450	11520	8550	12090	11	106	48.1	-	525		9000

continued