

MECHANICAL DRIVE STEAM TURBINES

2022 BASIC SPECIFICATIONS

MANUFACTURER	Catalog Page Reference	Model Type	Output Range				Cycle Type		Frame Configuration			Number Frame Sizes	Maximum Inlet Steam Pressure		Maximum Inlet Temperature		Maximum Steam Flow		Speed Range (rpm)	
			kW		hp		Back Pressure	Condensing	E = Extraction I = Injections	SF = Single Flow DF = Double Flow	bar		PSI	°C	°F	kg/s	lb/s	min	max	
			min	max	min	max														
MAN ENERGY SOLUTIONS	118, 119	MST 010	500	1500	670	2010	X	X	E, I	SF		45	653	450	842			8000	16,500	
		MST 020	1000	5000	1340	6700	X	X	E, I	SF		130	1885	530	986			13,000	13,000	
		MST 040	3000	15,000	4020	20,100	X	X	E, I	SF		140	2030	540	1004			4164	14,206	
		MST 050	5000	30,000	6700	40,200	X	X	E, I	SF		140	2030	540	1004			3559	11,365	
		MST 060	15,000	55,000	20,100	73,700	X	X	E, I	SF		140	2030	540	1004			2546	10,166	
		MST 080	25,000	75,000	33,500	100,500	X	X	E, I	SF		140	2030	540	1004			2038	7274	
		MST 100	40,000	140,000	53,600	187,600	X	X	E, I	SF		140	2030	540	1004			1536	5819	
		MST 120	70,000	180,000	93,800	241,200	X	X	E, I	SF		140	2030	540	1004			1536	4655	
MITSUBISHI	*	EBL or EBH	2000	80,000	2700	107,300	X		E	SF	10	142	2060	560	1040	167	368	2600	25,000	
		MXL or MXH	2000	80,000	2700	107,300		X	I	SF	10	142	2060	560	1040	83	183	2600	19,000	
		EL or EH	2000	120,000	2700	160,000		X	E	SF	10	142	2060	560	1040	220	485	2600	19,000	
		BL or BH	2000	80,000	2700	107,300	X			SF	10	142	2060	560	1040	167	368	2600	25,000	
MITSUBISHI HEAVY INDUSTRIES COMPRESSOR INTERNATIONAL	*		150,000		201,000	X	X	E, I	SF, DF		170	2465	565	1050	14	30		20,000		
SHIN NIPPON	*	C	50,000	50,000	67,000	67,000		X	E/I	SF/DF	7	130	1885	540	1004				14,000	
		B	50,000	50,000	67,000	67,000	X		E/I	SF	6	130	1885	540	1004				16,000	
SIEMENS ENERGY	*	SST Series		20,000 to 200,000			X	X	E, I	SF/DF	2, 4 Modular	30 to 165	430 to 2395	400 to 565	750 to 1050				8000 to 18,000	
		D-R Series		750 to 25,000		1000 to 33,500	X	X	E, I	SF	25	63 to 125	915 to 1508	482 to 550	890 to 1022				6000 to 15,000	