

CENTRIFUGAL COMPRESSORS

2022 BASIC SPECIFICATIONS

MANUFACTURER	Catalog Page Reference	Model Designation	Axial Flow			Radial Flow					Thermal		Inlet Flow Range				MAWP Maximum Allowable Working Pressure		Compression Ratio (Per Stage)	Maximum Input Power		Speed Range (rpm)			
			Multiple Stage	Fixed Stator Vanes	Variable Stator Vanes	Single Stage	Multiple Stage	Horizontally Split	Vertically Split	Integral Gear	Integral Electric	Single Stage	Multiple Stage	OF = Oil Free OI = Oil Injected	acfm		m ³ /min			psig	bar	hp	kW	min	max
															min	max	min	max							
KOBELCO	*	V-VS-VSS Series				X	X	X						OF	1059	200,151	30	5670	700	50		21000	15000	5000	18000
		V6 / V6P Series				X	X					X		OF	1785	264,750	50	7500	1420	100		67000	50000	3000	60000
MAN ENERGY SOLUTIONS - Turbo Compressors	118, 119	A, AV	X	X	X									OF	29,000	900,000	835	25450	362	25			120000		
		AG, AK, AKF	X	X	X									OF	29,000	900,000	835	25450	220	15			125000		
		AR	X	X	X	X	X							OF	29,000	900,000	835	25450	362	25			165000		
		HOFIM					X				X			OF	95	18,000	3	500	4350	300		24000	18000	3000	16000
		RB				X	X				X			OF	95	190,000	3	5400	14500	1000		107000	80000		24000
		TURBAIR (RC)					X	X						OF	5300	115,000	150	3300	29	2			5400		
		RG				X	X				X	X		OF	1000	400,000	28	12000	3800	250			80000		50000
		RH				X	X	X						OF	450	417,000	13	11800	1160	80			80000		
		RIK, RIKT, RIO					X	X						OF	10,500	440,000	300	12500	300	21			100000	15000	3000
		MOPICO (RM)				X	X				X		X	OF	530	18,000	15	500	2200	150		24000	18000	3000	16000
		RV				X	X				X			OF	450	50,000	13	1400	2175	150		67000	50000		
		RV-F				X					X		X	OF	285	88,750	8	2500	14500	100			20000	3000	30000
subsea HOFIM					X				X		X	OF	150	18,000	4	500	4350	300		24000	18000	3100	16000		
MITSUBISHI HEAVY INDUSTRIES COMPRESSOR INTERNATIONAL	*	H-Type				X	X	X						OF/OI		530,000		15000	870	60	2	134100	100000	1500	20000
		V-Type				X	X				X			OF/OI		212,000		8000	14500	1000	2	134100	100000	3000	20000
		Integrally Geared				X	X					X		OI		600,000		17000	2900	200	2.5	93900	70000	1500	100000
MITSUBISHI EGS	*	H Series					X	X						OI	353	177,000	10	5000	725	50		42900	32000		
		V Series					X				X			OI	353	35,300	10	1000	9400	650		42900	32000		
		MA Series	X		X									OI		353,000		9200	145	10	7	134100	100000		
SIEMENS ENERGY	*	STC-GV				X	X				X	X		OF	880	590,000	25	16700	2900	200		80500	60000		45000
		STC-SV				X	X				X			OF	140	283,000	4	8000	14500	1000		134000	100000		20000
		STC-SH				X	X	X						OF	140	353,000	4	10000	1450	100		134000	100000		20000
		STC-GC					X					X		OF	5900	238,000	167	6670	290	20		40200	30000		45000

continued