

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							
															min	max	min	max							
ELLIOTT GROUP	G1, 137, Inside Back Cover	A	X	X	X								OF	441,000		12500	90	6.2		175000	130000		8025		
		M					X	X					OF	898,000		25370	1000	69		225000	170000		20000		
		MB					X		X				OF	319,000		9000	10000	690		225000	170000		20000		
		PH				X			X				OF	75,000		2100	800	55		15000	11000		13500		
		TC				X			X				OF	90,000		2500	725	50		40000	30000		10000		
FIMA MASCHINENBAU GMBH	*	F1 Series				X			X	X			OF		3	5000		100	2.5	6800	5000		35000		
		F3 Series					X		X	X			OF		3	5000		100	2.5	6800	5000		35000		
		F2 Series				X	X		X				OF		3	85		240	1.6	408	600		11000		
		F4 Series (Zone 0)				X			X				OF		3	150		13	1.2	74	55		7700		
FS-ELLIOTT	*	PAP Series				X	X	X		X			OF	900 to 15,000	2200 to 24,500	25 to 425	60 to 695	175 to 450	12.1 to 31	up to 3.1	500 to 8000	375 to 4475	1450 to 2950	3600	
		Polaris Series				X	X	X		X			OF	900 to 5500	2200 to 12,000	25 to 155	60 to 340	150	10.5	up to 3.0	450 to 2600	335 to 2600	2950	3600	
GARO S.P.A.	*	VC				X	X		X				OF			17	833		2	1.2	536	400	3000	6000	
		VAP				X	X		X				OF			17	833		90	1.2	2682	2000	3000	6000	
		CC (Galileo)				X	X		X	X			OF			17	833		90	3	2682	2000	4000	42000	
HANWHA POWER SYSTEMS	*	SM3000				X	X		X				OF	1950	3100	55	88	264	18		913	680		3600	
		SM4000				X	X		X				OF	3100	4950	88	140	264	18		1350	1010		3600	
		SM5000				X	X		X				OF	4950	8850	140	250	264	18		1800	1540		3600	
		SM6000				X	X		X				OF	8850	12,400	250	350	264	18		3150	2350		3600	
		SM2100				X	X		X				OF	700	1950	20	55	164	12		450	335		3600	
		SM3100				X	X		X				OF	1950	3250	55	92	187	13		780	580		3600	
		SM4100				X	X		X				OF	3250	5300	92	150	187	13		1200	930		3600	
		SM5100				X	X		X				OF	5300	8850	150	250	187	13		2010	1500		3600	
		SM6100				X	X		X				OF	8850	14,400	250	408	187	13		3350	2500		3600	
		SM7100				X	X		X				OF	14,400	18,800	408	533	187	13		4155	3100		3600	
		SE-32				X	X	X		X				OF			150		60		1000	800		3600	
		SE-45				X	X	X		X				OF			400		60		4000	3000		3600	
		SE-65				X	X	X		X				OF			800		60		6700	5000		1800	

continued