

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
HANWHA POWER SYSTEMS	*	SE-82				X	X	X		X			OF				1200		60		10700	8000		1800	
		SE-90				X	X	X		X			OF				1700		60		17400	13000		1800	
		SE-110				X	X	X		X			OF				2500		60		28000	21000		1800	
		SE-130				X	X	X		X			OF				5000		60		28000	21000		1800	
HITACHI, LTD.	*	2BCH					X		X			OF			3 to 8	1700 to 6000		45 to 750	5 to 10		30000 to 50000	2500 to 3500	14000 to 18000		
HOWDEN	104, 105	Howden Perfflow				X		X			X		OF	60	3026	2	88	3000	200	3	1340	1000	500	6000	
		Howden ČKD RL				X	X	X	X				OF	2500	24,000	70	633	20	1.4	2	1600	1200	3000	27000	
		Howden ČKD RLV				X	X	X	X				OF	1000	13,000	30	370	23	1.6	2	1350	1000	12000	27000	
		Howden ČKD RD				X	X	X	X				OF	50,000	280,000	1400	8000	20	1.4	1	13500	10000	3000	27000	
		Howden ČKD RK Series				X	X				X		OF	5300	81,000	140	2100	2320	160	2	17200	12800	3000	37000	
		Howden ČKD RS Series				X	X			X			OF	450	18,000	12	470	1400	96	2	13000	9900	3000	27000	
		Howden ČKD RM Series				X	X	X					OF	4000	216,000	100	5700	502	35	2	34000	25400	3000	27000	
		Howden ČKD RP Series					X	X					OF	2450	37,000	65	1000	310	21.4	2	4000	3000	3000	27000	
		SG26				X					X		OF	4238	6357	120	180	29	2	3	268	200	5000	33000	
		SG30				X		X			X		OF	4238	8476	120	240	29	2	3	603	450	5000	33000	
		SG35				X		X			X		OF	4238	10,595	120	300	29	2	3	671	500	5000	33000	
		SG40				X		X			X		OF	6357	14,832	180	420	29	2	3	1073	800	5000	33000	
		SG45				X		X			X		OF	8476	19,070	240	540	29	2	3	1341	1000	5000	33000	
		SG52				X		X			X		OF	12,713	25,427	360	720	29	2	3	2146	1600	5000	33000	
		SG60				X		X			X		OF	14,832	31,784	420	900	29	2	3	2414	1800	5000	33000	
		SG65				X		X			X		OF	16,951	33,903	480	960	29	2	3	2682	2000	5000	33000	
		SG70				X		X			X		OF	21,189	40,259	600	1140	29	2	3	3487	2600	5000	33000	
		SG80				X		X			X		OF	25,427	52,973	720	1500	29	2	3	4023	3000	5000	33000	
		SG92				X		X			X		OF	33,903	63,567	960	1800	29	2	3	5364	4000	5000	33000	
		SG105				X		X			X		OF	44,497	84,757	1260	2400	29	2	3	6705	5000	5000	33000	
		KK&K SF (2.8 - 14)				X			X			OF	2600	250,000	75	7000	45	3	3.5	22000	16000	2500	40000		

continued