

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							
HOWDEN	104, 105	KKGK SF (18 - 22.4)				X		X						OF	140,000	420,000	4000	12000	30	2	2.3	22000	18000	1800	4000
		KKGK SF (HP)				X			X					OF	2800	105,000	75	3000	370	50	3	13500	10000	3800	40000
		KKGK SFG				X			X	X				OF	1800	175,000	50	5000	45	3	3.5	11000	8000	3800	40000
		KKGK SFG (HP)				X			X	X				OF	1800	105,000	50	3000	370	50	3	11000	10000	3800	40000
		KKGK SL				X		X						OF	9000	237,000	250	6700	30	2	2.3	11000	8000	2800	15000
		KKGK R				X			X					OF	40	200,000	10	8000	30	2	1.7	7000	5000	1200	15000
		KKGK R (HP)				X			X					OF	40	30,000	10	800	370	25	1.5	3500	2500	1800	15000
		KKGK ST				X			X					OF	2800	85,000	75	2400	45	3	3.5	8000	8000	8000	30000
		KKGK ST (HP)				X			X					OF	2800	85,000	75	2400	370	50	2.8	8000	8000	8000	25000
		Roots OIB				X		X						OF	3000	230,000	85	6500	25	1.72	2.75	18000	13500	2500	30000
		Roots H					X	X						OF	5000	90,000	140	2550	25	1.72	1.8	18000	13500	3000	20000
		ExVel Xr				X			X					OF	5000	350,000	140	10000	1450	10	2	7000	5000	1800	6000
		HV-TURBO / Turblex KA2				X			X	X				OF	883	2354	25	67	29	2	3	215	160	19500	40500
		HV-TURBO / Turblex KA5				X			X	X				OF	2080	4708	58	133	33	2.3	3.3	538	400	13000	31500
		HV-TURBO / Turblex KA10				X			X	X				OF	3531	8828	100	250	33	2.3	3.3	872	650	10000	23000
		HV-TURBO / Turblex KA22				X			X	X				OF	6474	14,124	183	400	29	2	3	1207	900	7800	17800
		HV-TURBO / Turblex KA44				X			X	X				OF	11,770	23,540	333	667	27	1.9	2.9	2548	1900	7500	14200
		HV-TURBO / Turblex KA66				X			X	X				OF	18,832	38,253	533	1083	26	1.8	2.8	3889	2900	5000	11300
HV-TURBO / Turblex KA80				X			X	X				OF	29,425	54,142	833	1533	23	1.6	2.6	3353	2500	4300	8700		
HV-TURBO / Turblex KA100				X			X	X				OF	44,138	64,735	1250	1833	17	1.2	2.2	3487	2800	3600	6500		
INGERSOLL RAND	*	Centao Series				X	X		X	X			OF	1300 to 12,500	2100 to 30,000	42 to 350	60 to 850	35 to 610	3 to 42	maxim of 3	350 to 6000	270 to 4500		1800 to 3600	
		TA Series					X	X		X			OF	1300 to 12,500	6000 to 24,000	14 to 339	48 to 679	150 to 1160	10 to 80	maxim of 3	350 to 5500	250 to 4100		3600	
		MSG Series					X	X		X			OF	2500 to 50,000	10,000 to 135,000	70 to 1416	283 to 3823	125 to 1450	8 to 100	maxim of 3	4000 to 25,000	3000 to 19,000		1800 to 3600	
KOBELCO	*	VH Series					X		X				OF	1059	58,951	30	1670	5000	350		28000	20000	5000	18000	
		VGS/VGSP Series				X	X			X			OF	1765	264,750	50	7500	1420	100		67000	50000	3000	40000	
		DH Series				X			X				OF	1059	105,900	30	3000	1300	90		33500	25000	1000	18000	

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