



30.06.2021		CR3				
Rev. No: 00						
CAPACITY & POWER CONSUMPTION	Frequency and Voltage Ratings		Hz	50		
			V	400		
	Maximum Working Pressure		bar	7,5	10	
	Capacity at Nominal Working Pressure (FAD / ISO 1217-Annex C)		m <sup>3</sup> /min	0,41	0,36	
	Shaft Power at Nominal Working Pressure		kW	2,91	2,99	
	Idling Shaft Power		kW	0,76	0,78	
	Nominal Working Pressure		bar	7,0	9,5	
	Minimum Working Pressure		bar	4,0	4,0	
	Air-End Male Rotor Speed		rpm	2690	2555	
	Maximum Package Power at Nominal Working Pressure	IE3 Motor [ISO 1217-Annex C]	kW	3,4	3,5	
	Specific Energy Consumption	IE3 Motor [ISO 1217-Annex C]	kW/m <sup>3</sup> /min	8,30	9,71	
	Drive System			Belt / Pulley		
	Tank Capacity [Compact Version]		L	200 / [250]		
COOLING	Minimum Allowed Ambient Temperature		°C	+ 2		
	Maximum Allowed Ambient Temperature		°C	+ 43		
	Compressed Air Temp. Rise Over Suction Temperature		°C	+ 10		
	Heat Rejection to the Oil Cooler		kW	2,47	2,54	
	Heat Rejection to the After Cooler		kW	0,44	0,45	
	Cooling Air Flow Rate (All Fans) [Q <sub>a</sub> ]		m <sup>3</sup> /h	2000		
	Dimension of Air Outlet(s)		mm	260x370		
	Max.Cooling Air Pressure Drop		Pa	150		
	Cooling Air Temp Rise Over Ambient Temperature		°C	10 - 15		
COMPACT VERSION	COMPRESSED AIR DRYER	Dryer Model		DK 30		
		Pressurized Dew Point Temperature		°C	+ 3	
		Refrigerant Type		R134A		
		Maximum Air Inlet Temperature		°C	+ 50	
		Dryer Energy Consumption		kW	0,37	
		Maximum Working Pressure		bar	16	
	COMPRESSED AIR FILTER	General Purpose Filter	GKO50 X	Particle Removal	Micron	1
				Max. Oil Carry over at 21 °C	mg/m <sup>3</sup>	0,5
		Oil Removal Fine Filter	GKO50 Y	Particle Removal	Micron	0,01
				Max. Oil Carry over at 21 °C	mg/m <sup>3</sup>	0,01

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MAIN MOTOR	Main Motor Rated Output Power		kW	3	
	Main Motor Efficiency (IE3)		%	85,5	
	Main Motor Mounting		IMB	B35	
	Main Motor Frame Size	100 L			
	Main Motor Degree of Protection		IP	IP55	
	Main Motor Pole Number		#P	4	
	Main Motor Rated Speed (50 Hz)		rpm	1500	
	Main Motor Rated Speed (60 Hz)		rpm	1800	
	Main Motor Insulation Class	F			
	Main Motor Temperature Rise Class	B			
GENERAL TECHNICAL DATA	Oil Quantity		L	5	
	Residual Oil Content in Compressed Air		mg/m <sup>3</sup>	≤ 3	
	Compressed Air Outlet		G	1/2"	
	Compressor Package Inlet Power Cable Minimum Cross-Section Area (This recommended cross-section area is up to 25 m Power Cable)		mm <sup>2</sup>	4 x 4	
	Noise Level (ISO 2151, ± 3 dB (A))		dB (A)	68	
	Compressor Weight (Approx.)	Base Mounted		kg	159
		Tank Mounted & With Dryer			290
Compressor Dimensions (L x W x H)	Base Mounted		mm	905x550x860	
	Tank Mounted & With Dryer			1841x572x1335	
REFERENCE CONDITIONS	Absolute Inlet Pressure		1 bar(a)	All rights reserved. DALGAKIRAN KOMPRESOR has the legal rights to change this specification without an announcement. Tüm hakları saklıdır. DALGAKIRAN KOMPRESÖR bu belgeyi haber vermeksizin değiştirme hakkına sahiptir.	
	Relative Air Humidity		0%		
	Air Inlet Temperature		20 °C		
	**Standard Oil Type		SMARTOIL 6000	<a href="http://www.caps.com.au">www.caps.com.au</a>	
	*The information provide is a guide only, its suitability in your individual application should be verified by an approved Licensed Electrical Contractor. **Special lubricants for different applications are available, please contact CAPS COMPLETE AIR and POWER SOLUTIONS Sales Department.				