

		L02 – L06							
		Technical Information Sheet							Ver. 00
		Air Cooled 50Hz							2021/02/010
Performance Data			L02	L 02	L 03	L 04	L 05	L06	
Working pressure		bar	10	10	10	10	10	10	
Minimum working pressure		bar g	5.0						
MAX Working pressure		bar g	10	10	10	10	10	10	
Ambient temperature - min/max		°C	1-40						
Working Pressure	FAD* @ max. working pressure	m³/min	0,18	0,21	0,35	0,45	0,66	0,89	
	Total input power* @ max.working pressure	kW	2,61	2,74	3,36	4,57	6,1	8,33	
5 bar	FAD*	m³/min	0,21	0,24	0,38	0,48	0,68	0,95	
	Total input power (P spec. - kW*min/m³)	kW	1,80 (8,78)	1,94 (8,23)	2,43 (6,41)	3,38 (6,98)	4,71 (6,93)	6,76 (7,13)	
6 bar	FAD*	m³/min	0,21	0,24	0,37	0,47	0,68	0,94	
	Total input power (P spec. - kW*min/m³)	kW	1,92 (9,37)	2,08 (8,82)	2,59 (7,02)	3,53 (7,45)	4,97 (7,31)	7,08 (7,55)	
7 bar	FAD*	m³/min	0,20	0,23	0,37	0,47	0,67	0,93	
	Total input power (P spec. - kW*min/m³)	kW	2,20 (11,18)	2,25 (9,98)	2,78 (7,53)	3,78 (7,98)	5,25 (7,84)	7,41 (7,99)	
8 bar	FAD*	m³/min	0,19	0,22	0,36	0,46	0,66	0,92	
	Total input power (P spec. - kW*min/m³)	kW	2,26 (11,60)	2,38 (11,06)	3,02 (8,42)	4,06 (8,76)	5,50 (8,34)	7,78 (8,49)	
9 bar	FAD*	m³/min	0,19	0,22	0,36	0,45	0,64	0,91	
	Total input power (P spec. - kW*min/m³)	kW	2,49 (13,27)	2,59 (12,03)	3,19 (8,89)	4,25 (9,38)	5,76 (9,02)	8,13 (8,97)	
10 bar	FAD*	m³/min	0,18	0,21	0,35	0,45	0,66	0,89	
	Total input power (P spec. - kW*min/m³)	kW	2,61 (14,15)	2,74 (13,37)	3,36 (9,64)	4,57 (10,08)	6,10 (9,25)	8,33 (9,40)	
Total input power at no load		kW	0,80	0,85	1,05	1,46	1,92	2,56	
Airend			GD1						
Male rotor speed		rpm	2057	2183	2914	3866	5480	7729	
Discharge temperature of air above ambient		°C	45	45	45	38	8	14	
Free field noise level **		dB(A)	63		64	67	68	70	
Electrical Data									
Nominal motor rating		kW	2,2	2,2	3,0	4,0	5,5	7,5	
Nominal voltage [Tolerance] (Frequency)			230V	400V[±10%] (50Hz)					
Full load current max. @ 230V (1 phase)		Amp	12,7	n/a	n/a	n/a	n/a	n/a	
Full load current max. @ 400V (3 phase)		Amp	n/a	4,47	6,04	7,73	10,43	14,62	
Starting current max. 230V (1 phase)		Amp	Approx. 3 times FLA	n/a	n/a	n/a	n/a	n/a	
Starting current max. 400V (3 phase) Y/D		Amp	n/a	n/a	n/a	Approx. 3 times full load current			
Starting current max. 400V (3 phase) DOL		Amp	n/a	Approx. 7 times full load current					n/a
Standard drive motor detail		IP	IP55, IE3						
Drive motor speed		rpm	2914				2935	2930	
Suggested cable size @ 230V (1 phase)		mm2	3G4	n/a	n/a	n/a	n/a	n/a	
Suggested cable size @ 400V (3 phase)		mm2	n/a	4G2,5	4G2,5	4G2,5	4G4	4G4	
Suggested fuse rating @ 230V (1 phase)		Amp	16	n/a	n/a	n/a	n/a	n/a	
Suggested fuse rating @ 400V (3 phase)		Amp	n/a	10	10	10	16	20	
Cooling Data									
Ventilating fan capacity		m³/min	16			25			
Heat rejected by ventilating fan		%	max. 95% of terminal power						
Size of cooling air inlet aperture		mm	d. 300						
Size of cooling air outlet aperture		mm	260 x 262				255 x 289	255 x 289	
Max. allowable pressure drop in duct at amb. 35°C/45°C		Pa	80/60			110/90			
Weights, Dimensions and Capacities									
Compressor oil capacity		litres	3						
Approx. oil carry over		PPM	≤3						
Compressed air delivery connection		BSPP	F 1/2"						
Weight		kg	151			154	173	179	
Package dimensions L x W x H		mm	600 x 650 x 1100						

* Data measured and stated in accordance with ISO 1217 4th Edition Annex E and at the following conditions:

Air Intake Pressure: 1 bar a / 14.5 psia

Air Intake Temperature: 20°C / 68°F

Humidity: 0%(dry)

** Measured in free field conditions in accordance with ISO 2151, tolerance ± 3dB.

Our policy is one of continuous improvement and we therefore reserve the right to alter specifications without prior notice.