



# L07<sup>e</sup>-11<sup>e</sup>

## Technical Information Sheet

Fix Speed, Air Cooled 50 Hz, CE Version

TISL L07e-11e/10/CE

Jiangchao / V3

[Eng. Vers.2] 16.08.2019

Performance Data		L07 <sup>e</sup>			L11 <sup>e</sup>			
Working pressure		bar g			bar g			
		7.5	10	13	7.5	10	13	
Minimum working pressure		5,0						
Ambient temperature - min/max		1 to 45						
Working Pressure	FAD * @ max. working pressure	m <sup>3</sup> /min	1,30	1,06	0,85	1,87	1,61	1,32
	Total package input power* @max.w.pr.	kW	9,48	9,35	9,31	13,76	13,87	13,17
5 bar	FAD	m <sup>3</sup> /min	1,36	1,14	0,97	1,94	1,71	1,45
	Total input power	KW	8,20	6,75	5,75	12,00	10,40	8,35
6 bar	FAD	m <sup>3</sup> /min	1,35	1,14	0,96	1,92	1,69	1,43
	Total input power	KW	8,75	7,25	6,18	12,68	11,09	8,94
7 bar	FAD	m <sup>3</sup> /min	1,32	1,15	0,94	1,88	1,67	1,42
	Total input power	KW	9,26	7,76	6,62	13,42	11,79	9,71
7.5 bar	FAD	m <sup>3</sup> /min	1,30	1,15	0,94	1,87	1,66	1,41
	Total input power	KW	9,48	8,00	6,83	13,76	12,12	9,83
8 bar	FAD	m <sup>3</sup> /min		1,13	0,93		1,65	1,41
	Total input power	KW		8,24	7,06		12,44	10,13
9 bar	FAD	m <sup>3</sup> /min		1,09	0,92		1,64	1,40
	Total input power	KW		8,76	7,53		13,12	10,77
10 bar	FAD	m <sup>3</sup> /min		1,06	0,91		1,61	1,39
	Total input power	KW		9,35	8,01		13,87	11,40
11 bar	FAD	m <sup>3</sup> /min			0,89			1,37
	Total input power	KW			8,41			11,99
12 bar	FAD	m <sup>3</sup> /min			0,87			1,34
	Total input power	KW			8,86			12,58
13 bar	FAD	m <sup>3</sup> /min			0,85			1,32
	Total input power	KW			9,31			13,17
Total input power at no load		kW	2,5	2,2	2,1	4,1	3,3	2,7
Male rotor speed		rpm	4657	3881	3317	6646	5795	4839
Approx. discharge temperature of air above ambient		°C	13	12	13	14	14	14
Free field noise level **		dB(A)	70			70		
Electrical Data								
Nominal motor rating		kW	7,5			11		
Full load Current max. @ 220V / 400V		Amp	31 / 17			47 / 24		
Starting Current max. IP55 (400V)		Approx. 2.5 times full load current						
Standard drive motor detail		IP	IP55 (IE-3) - IEC 60034-2-1					
Drive motor speed		rpm	3000					
Fan motor rating		kW	not applicable					
Suggested cable size @ 220V / 400V		mm <sup>2</sup>	4G 6 / 4G 2,5			4G 10 / 4G 6		
Suggested fuse rating @ 220V / 400V, time delay		Amp	35 / 20			50 / 35		
Cooling Data								
Ventilating fan capacity		m <sup>3</sup> /min	25			32		
Heat rejected by ventilating fan		%	max. 95% of terminal power					
Size of cooling air inlet aperture		mm	Ø 320					
Size of cooling air outlet aperture		mm	355 x 534					
Cooling air temp above ambient approx.		°C	18			20		
Max. allowable pressure drop in duct at ambient 35°C / 45°C		Pa	110 / 90			130 / 70		
Weights Dimensions and Capacities Data								
Compressor oil capacity		litres	5					
Approx.. Oil carry over		mg/m <sup>3</sup>	<3					
Compressed air delivery connection		EN 10226- Rp 3/4" (DIN 2999-Rp 3/4")						
Weight		kg	215			225		
Package dimensions L x W x H		mm	667 x 630 x 1050					

\* Data measured and stated in accordance with ISO1217 4rd 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 the ISO 2151, tolerance ± 3dB(A).

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