

Material	Aluminium					
Connection voltage	3AC 230/400/500/690V					
Degree of protection	Standard IP55, optional IP56, IP65					
Cooling	Self-ventilated					
Efficiency	Standard*		High efficiency **		Increased output	High efficiency**
	Standard	New generation	Standard	New generation	Standard	New generation
	1LA7/1LA5	1LE1	1LA9	1LE1	1LA9	1LE1
3000 rpm	0,09 ... 45 kW	3 ... 18,5 kW	0,09 ... 37 kW	3 ... 18,5 kW	0,09 ... 37 kW	4 ... 22 kW
1500 rpm	0,06 ... 45 kW	2,2 ... 15 kW	0,06 ... 30 kW	2,2 ... 15 kW	0,06 ... 30 kW	4 ... 18,5 kW
1000 rpm	0,09 ... 30 kW	1,5 ... 11 kW	0,75 ... 22 kW	1,5 ... 11 kW		2,2 ... 15 kW
750 rpm	0,09 ... 22 kW	0,75 ... 7,5 kW		0,75 ... 7,5 kW		
1500/3000 rpm	0,15 ... 17 kW					
1000/1500 rpm	0,1 ... 26 kW					
750/1500 rpm	0,12 ... 28 kW					
750/1000/1500 rpm	0,15 ... 22 kW					
Cooling	Forced-air-cooled motors without external fan and fan cover					
Efficiency	Improved efficiency *		High efficiency **			
	Standard	New generation		New generation		
	1PP7/1PP5	1LE1		1LE1		
3000 rpm	0,18 ... 37 kW	3 ... 18,5 kW		3 ... 18,5 kW		
1500 rpm	0,12 ... 30 kW	2,2 ... 15 kW		2,2 ... 15 kW		
1000 rpm	0,09 ... 22 kW	1,5 ... 11 kW		1,5 ... 11 kW		
750 rpm	0,09 ... 15 kW	0,75 ... 7,5 kW		0,75 ... 7,5 kW		
Catalog	DA 81.1					

\* IE2 acc. IEC 60034-30 for 2, 4 and 6 pole motors 0,75 to 375 kW

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