

Einphasen-Asynchronmotoren mit Anlass-kondensator

Single-Phase Motors with a Starting Capacitor

Bemessungsleistung Rated Output		TYP TYPE	Betriebswerte bei Bemessungsleistung Parameters at Rated Output 220V, 50Hz				Anlaufverhalten Starting Performance			Kondensator Capacitor	Gewicht Weight	
			η_n	I_n	η	$\cos\phi$	Ist/I _n	Mst/M _n	Mmax/M _n	Anlass – kondensator Starting capacitor	ASR	ESR
kW	HP		min-1	A	%	-	-	-	-	μF/V	kg	
3000min⁻¹												
0.37	0.50	AS 80A2	2870	4.1	55	0.72	4.0	2.2	2.2	50/280	8.0	
0.55	0.75	AS 80B2	2890	5.1	60	0.78	4.3	2.8	2.0	100/280	9.0	
0.75	1.0	AS 80C2	2890	6.3	67	0.77	4.4	2.3	2.2	100/280	11.0	
0.75	1.0	AS, ES 90SA2	2890	6.4	65	0.78	4.4	2.3	2.2	130/280	12.0	20.0
1.1	1.5	AS, ES 90SB2	2830	8.8	68	0.80	4.4	2.4	1.6	130/280	14.0	22.0
1.5	2.0	AS, ES 90LB2	2830	11.6	73	0.77	5.2	1.8	1.8	130/280	16.0	26.0
1500min⁻¹												
0.25	0.34	AS 80A4	1400	3.1	52	0.68	3.5	2.8	1.9	50/280	8.0	
0.37	0.50	AS 80B4	1400	4.1	55	0.71	4.2	2.8	2.0	80/280	9.0	
0.55	0.75	AS 80C4	1400	5.6	61	0.70	3.4	2.4	1.7	80/280	11.0	
0.55	0.75	AS, ES 90SA4	1400	5.7	60	0.70	3.4	2.4	1.7	100/280	12.0	20.0
0.75	1.0	AS, ES 90SB4	1390	7.1	63	0.73	4.5	2.6	1.6	130/280	14.0	22.0
1.1	1.5	AS, ES 90LB4	1390	9.8	64	0.76	4.5	2.6	1.6	130/280	16.0	25.0