

Einphasen-Asynchronmotoren mit Betriebskondensator
Single-phase Motors with a running capacitor

Bemessungsleistung Rated output		TYP TYPE	Betriebswerte bei Bemessungsleistung Parameters at Rated Output 220V, 50Hz				Anlaufverhalten Starting Performance			Kondensator Capacitors	Gewicht Weight	
			η_n	I_n	η	$\cos\varphi$	Ist/I _n	Mst/M _n	Mmax/M _n	Betriebskondensator	ASR	ESR
kW	HP		min-1	A	%	-	-	-	-	µF/V	kg	
3000min⁻¹												
0.18	0.25	AR 63B2	2780	1.43	60	0.91	2.9	0.45	1.7	6/450	3.7	
0.25	0.34	AR 63C2	2800	1.90	60	0.95	2.9	0.40	1.7	8/450	4.1	
0.25	0.34	AR 71A2	2810	1.8	63	0.96	3.4	0.40	2.0	10/450	5.0	
0.37	0.50	AR 71B2	2840	2.5	67	0.96	3.2	0.42	1.8	10/450	6.0	
0.55	0.75	AR 71C2	2840	3.9	66	0.94	3.4	0.40	2.2	12/450	7.0	
0.55	0.75	AR 80A2	2870	3.5	74	0.96	3.8	0.43	2.0	20/450	8.0	
0.75	1.0	AR 80B2	2780	4.6	77	0.96	4.2	0.35	2.1	30/450	9.0	
1.1	1.5	AR 80C2	2800	6.5	79	0.97	4.0	0.34	1.9	30/450	11.0	
1.1	1.5	AR, ER 90SA2	2800	6.5	80	0.97	4.0	0.34	1.9	30/450	12.0	20.0
1.5	2.0	AR, ER 90SB2	2880	9.3	76	0.91	4.0	0.30	1.8	40/450	14.0	24.0
2.2	3.0	AR, ER 90LB2	2870	13.8	76	0.91	4.9	0.30	1.8	50/450	16.0	26.0
3.0	4.0	AR, ER 100LB2	2870	18.2	75	0.97	3.5	0.40	1.9	60/450	21.0	30.0
1500min⁻¹												
0.12	0.16	AR 63B4	1380	1.20	52	0.86	2.3	0.65	1.7	6/450	4.0	
0.18	0.25	AR 63C4	1350	1.48	57	0.93	2.1	0.60	1.4	8/450	4.3	
0.18	0.25	AR 71A4	1400	1.4	63	0.86	3.4	0.40	2.0	10/450	5.0	
0.25	0.34	AR 71B4	1400	1.9	63	0.90	3.2	0.42	1.8	10/450	6.0	
0.37	0.50	AR 71C4	1400	2.8	63	0.92	3.4	0.40	2.2	12/450	7.0	
0.37	0.50	AR 80A4	1450	2.8	65	0.89	4.8	0.40	1.7	20/450	8.0	
0.55	0.75	AR 80B4	1420	3.8	67	0.93	5.1	0.40	1.8	30/450	9.0	
0.75	1.0	AR 80C4	1410	5.5	65	0.95	4.7	0.40	1.6	30/450	11.0	
0.75	1.0	AR, ER 90SA4	1410	5.6	68	0.90	4.7	0.40	1.6	30/450	12.0	20.0
1.1	1.5	AR, ER 90SB4	1420	7.6	70	0.89	4.3	0.35	1.6	40/450	14.0	24.2
1.5	2.0	AR, ER 90LB4	1410	9.5	72	0.93	4.4	0.35	1.7	50/450	16.0	26.2
2.2	3.0	AR, ER 100LB4	1440	14.3	73	0.92	4.3	0.35	1.9	60/450	21.0	30.0