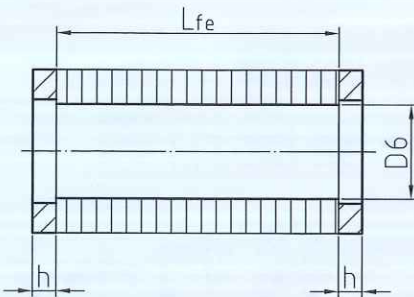
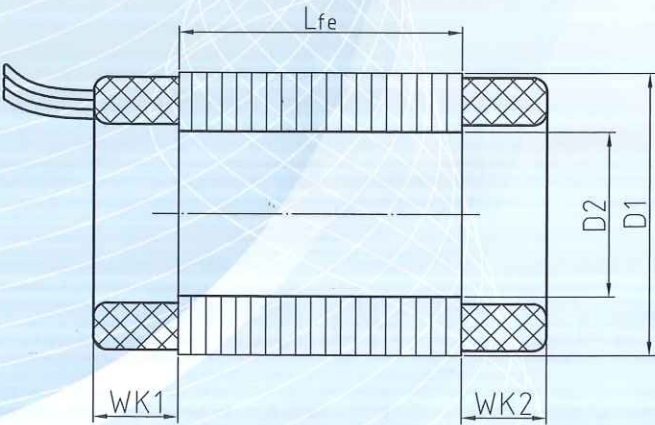


Asynchronous Motor Components

2 pole								
Power [kW]								
Type	Speed[10 ³ xmin ⁻¹]	10	20	30	40	60	80	90
D ₁ / L _{fe} / number of poles [Hz]		166	333	500	666	1000	1333	1500
AC 48 / 40 / 2		0.19	0.39	0.60	0.81	1.33	1.77	2,1
AC 48 / 60 / 2		0.28	0.57	0.88	1.19	1.96	2.61	3,1
AC 48 / 80 / 2		0.38	0.78	1.20	1.62	2.66	3.54	4,2
AC 48 / 100 / 2		0.47	0.96	1.48	2.00	3.29	4.38	5,2
AC 60 / 60 / 2		0.7	1.44	2.2	3.0	4.9	6.0	6,4
AC 60 / 80 / 2		0.91	1.9	2.9	3.9	6.4	7.7	8,4
AC 60 / 100 / 2		1.2	2.5	3.8	5.1	8.4	10.2	11.0
AC 83 / 60 / 2		1.32	2.9	4.5	6.2			
AC 83 / 80 / 2		1.76	3.9	6.0	8.3			
AC 83 / 100 / 2		2.65	5.8	9.0	12.5			
AC 83 / 120 / 2		3.18	7.0	10.8	14.9			
AC 83 / 150 / 2		4.4	9.7	15.0	20.7			
AC 90 / 60 / 2		1.9	4.2	6.5	8.9			
AC 90 / 80 / 2		2.7	5.9	9.2	12.2			
AC 90 / 100 / 2		3.6	7.6	11.9	16.2			
AC 106 / 60 / 2		3.1	6.4	9.9	12.7			
AC 106 / 80 / 2		4.2	8.6	13.4	17.2			
AC 106 / 100 / 2		5.2	10.7	16.6	21.3			
AC 106 / 120 / 2		6.3	12.9	20.2	25.8			
AC 106 / 150 / 2		7.9	16.2	25.3	32.4			
AC 140 / 60 / 2		5.2	10.7	16.6				
AC 140 / 80 / 2		7.5	15.4	24.0				
AC 140 / 100 / 2		10.2	20.9	32.6				
AC 140 / 120 / 2		12.2	25.0	39.0				
AC 140 / 150 / 2		15	30.8	48.0				

Main dimensions [mm]						
Type	Stator dimensions				Rotor dimensions	
	D1	D2	WK1	WK2	D6 Cu	h Cu
					min / max	min / max
AC 48 / ... / 2	48.2	26	20	18	14 / 16	5
AC 60 / ... / 2	60.2	35	22	20	16 / 20	5
AC 83 / ... / 2	83.2	50	25	20	18 / 30	5
AC 90 / ... / 2	90.2	55	30	25	28 / 33	5
AC 106 / ... / 2	106.2	65	35	30	28 / 40	5
AC 140 / ... / 2	140.2	90	40	35	30 / 50	5



4 pole									
Power [kW]									
Type	Speed[10³xmin⁻¹]	3	6	10	20	30	40	50	60
D ₁ / L _{fe} / number of poles [Hz]		100	200	333	666	1000	1333	1666	2000
AC 60 / 60 / 4			0.37	0.61	1.2	1.9	2.5	2.6	2.6
AC 60 / 80 / 4			0.5	0.83	2.0	3.1	4.4	5	5
AC 60 / 100 / 4			0.63	1.05	2.6	3.9	5.3	5.6	5.6
AC 83 / 60 / 4		0.57	1.2	2.1	4.4	5.7	5.1		
AC 83 / 80 / 4		0.75	1.6	2.7	5.7	8.6	7.8		
AC 83 / 100 / 4		0.95	2.0	3.42	7.2	11	9.8		
AC 83 / 120 / 4		1.12	2.4	4.032	8.512	13	11.6		
AC 83 / 150 / 4		1.42	3.0	5.1	10.8	16	14.7		
AC 90 / 60 / 4		0.8	1.7	2.9	6.4	7.8	7.8		
AC 90 / 80 / 4		1.15	2.4	4.2	9.2	11.2	11.2		
AC 90 / 100 / 4		1.45	3.1	5.3	11.6	14.1	14.1		
AC 106 / 60 / 4		1.1	2.4	4.1	7.5	7.1			
AC 106 / 80 / 4		1.6	3.6	5.8	11.2	10.8			
AC 106 / 100 / 4		2.2	5	8	14.7	14			
AC 106 / 120 / 4		3	6	9.8	17.7	17.5			
AC 106 / 150 / 4		3.8	7.4	12	22	19.5			
AC 140 / 60 / 4		2.2	4	7	14	22			
AC 140 / 80 / 4		4	7.5	13	29	43			
AC 140 / 100 / 4		5	10	17	35	54			
AC 140 / 120 / 4		6.5	12	21	45	67			
AC 140 / 150 / 4		8	15	26	55	83			
AC 160 / 100 / 4		5.5	10.5	16	23				
AC 160 / 150 / 4		12	24	38	50				
AC 190 / 100 / 4		11	22	38	40				
AC 190 / 150 / 4		17	34	55	58				
AC 190 / 200 / 4		24	48	74	74				

Main dimensions [mm]						
Type	Stator dimensions				Rotor dimensions	
	D1	D2	WK1	WK2	D6 Cu	h Cu
					min / max	min / max
AC 60 / ... / 4	60.2	35	22	20	14 / 16	5
AC 83 / ... / 4	83.2	50	25	20	18 / 30	5
AC 90 / ... / 4	90.2	55	30	25	28 / 33	5
AC 106 / ... / 4	106.2	65	35	30	28 / 40	5
AC 140 / ... / 4	140.2	90	40	35	30 / 50	5
AC 160 / ... / 4	160.2	100	45	40	25 / 55	10 A1
AC 190 / ... / 4	190.2	120	50	45	32 / 65	10 A1

