

Asynchron-Pro types 6-pole

17/01/2024

Power

Continuous power for efficient water cooling

The peak power is considerably higher.

Speed	in krpm	1	1.5	2	2.5	3	3.5	4	5	6	8	12	15	22	24	25
Frequency	in Hz	50	75	100	125	150	175	200	250	300	400	600	750	1100	1200	1250
Types (D1/LFe in cm)		Power in kW														
mW 12/8-6-s3r..		1.8	2.8	3.7	4.6	5.5	6.4	7.3	9.2	11	14.7	22	24	21	19.5	18.9
mW 12/11-6-s3r..		2.5	3.8	5	6.3	7.6	8.8	10.1	12.6	15.1	20	30	33	29	27	26
mW 12/15-6-s3r..		3.4	5.2	6.9	8.6	10.3	12	13.8	17.2	21	28	41	45	39	37	35
mW 12/20-6-s3r..		4.6	6.9	9.2	11.5	13.8	16	18.3	23	28	37	55	60	52	49	47
mW 13.5/8-6-s2r..		2.2	3.4	4.5	5.6	6.8	7.9	9	11.2	13.5	18	20	19.8	13	10	
mW 13.5/11-6-s2r..		3.2	4.9	6.5	8.1	9.8	11.4	13	16.2	19.5	26	30	29	19	15	
mW 13.5/15-6-s2r..		4.9	7.3	9.8	12.2	14.6	17.1	19.5	24	29	39	45	44	28	22	
mW 13.5/17-6-s2r..		5.5	8.2	11	13.7	16.5	19.2	22	27	33	44	51	50	32	25	
mW 13.5/20-6-s2r..		6.5	9.8	13	16.2	19.5	23	26	32	39	52	60	58	38	30	
mW 15/11-6-s2r..		3.8	5.7	7.6	9.8	12	14.2	16.4	21	25	30	29	27	19.6		
mW 15/15-6-s2r..		5.6	8.3	11.1	14.3	17.4	21	24	30	36	43	40	36	25		
mW 15/20-6-s2r..		7.8	11.6	15.5	19.8	24	28	33	41	50	59	55	50	35		
mW 24/10-6-s1r..		12.3	18.5	25	31	37	38	38								
mW 24/17-6-s1r..		23	34	45	57	68	69	69								
mW 24/21-6-s1r..		29	43	57	72	86	87	87								
mW 24/24-6-s1r..		33	49	66	82	99	100	100								
mW 24/28-6-s1r..		38	58	77	96	115	117	117								
mW 24/33-6-s1r..		45	68	91	113	136	138	138								
mW 24/42-6-s1r..		59	88	118	134	149										

Dimension sheet

Sketch



Main dimensions all dimensions in mm	Stator			Rotor						
	Outer diameter D1	Length of winding head		Bore				Ring length		
		W1	W2	d3 min		d3 max		h		
Type (D1/LFe in cm)				Al	Cu	Al	Cu	Al	Cu	CuSt
mW 12/ .. -6-s3r..	120	35	26	-	58.5	-	60	-	4	10
mW 13.5/ .. -6-s2r..	135	35	28	-	66.5	-	70	-	4	10
mW 15/ .. -6-s2r..	150	39	33	-	72.5	-	78	-	5	11
mW 24/ .. -6-s1r..	240	48	38	-	99.5	-	110	-	5	14