

Asynchron-Pro types 8-pole

30/04/2025

Power

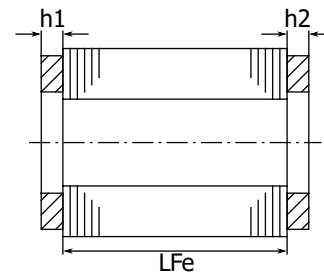
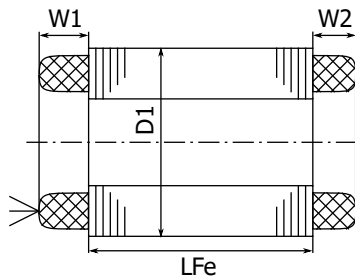
Continuous power for efficient water cooling
The peak power is considerably higher.

Speed	in krpm	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6	8	10	12	15
Frequency	in Hz	34	67	100	134	167	200	234	267	300	334	400	534	667	800	1000
Types (D1/LFe in cm)		Power in kW														
mW 16/8-8-s1r..		2.2	4.3	6.5	8.6	10.8	12.9	14.4	15.7	15.8	15.8	14.5	11.9			
mW 16/10-8-s1r..		2.8	5.7	8.5	11.3	14.2	17	18.8	20	20	20					
mW 16/12.5-8-s1r..		3.6	7.2	10.7	14.3	17.9	21	25	28	28	28	25	21			
mW 16/17-8-s1r..		4.9	9.9	14.8	19.7	25	30	33	36	36	36	33	27			
mW 16/20-8-s1r..		6	11.9	17.9	24	30	36	40	43	44	44	40	33			
mW 16/22-8-s1r..		6.6	13.1	19.7	26	33	39	44	48	48	48	44	36			
mW 16/27-8-s1r..		8.2	16.5	25	33	41	49	55	60	60	60	55	45			
mW 18/8-8-s1r..		2.8	5.5	8.3	11	13.8	16.5	18.3	19.8	20	20	20				
mW 18/12-8-s1r..		4.2	8.4	12.6	16.8	21	25	28	31	31	31	31				
mW 18/18-8-s1r..		6.4	12.8	19.2	26	32	38	43	48	48	48	48	45			
mW 18/24-8-s1r..		9	18	27	36	45	54	60	66	67	67	67				
mW 18/33-8-s1r..		12.5	25	37	50	62	75	84	92	93	93					
mW 18/38-8-s1r..		14.4	29	43	58	72	86	97								
mW 20/16-8-s1r..		7.7	15.4	23	31	34	38	38	38	38	38	38	37	36	35	33
mW 20/22-8-s1r..		10.7	21	32	43	48	53	53	53	53	53	52	49	47	44	40
mW 20/26-8-s1r..		12.9	26	39	52	57	63	63	63	63	63	62	59	57	54	50
mW 20/30-8-s1r..		15.3	31	46	61	68	74	75	75	75	75	75	73	70	68	
mW 20/39-8-s1r..		20	40	60	80	89	97	98	98	96	95	92				
mW 30/13-8-s2r..		16.4	33	49	66	66	66	66	66	66	66	66	66	66		
mW 30/16-8-s2r..		21	42	63	63	63	63	63	63	63	63	63	63	63		
mW 30/26.5-8-s2r..		37	74	74	74	74	74	74	74	74	74	74	74	74		
mW 30/35-8-s2r..		52	104	105	105	105	105	105	105	105	105	105	105	105		
mW 30/41-8-s2r..		60	119	120	120	120	120	120	120	120	120	120	120	120		
mW 30/48-8-s2r..		72	144	145	145	145	145	145	145	145	145	145	145	145		



Dimension sheet

Sketch



Main dimensions all dimensions in mm Typ (D1/LFe in cm)	Stator			Rotor						
	Outer diameter D1	Length of winding head		Bore				Ring length h		
		W1 with PTC	W2	d3 min		d3 max		Al	Cu	CuSt
				Al	Cu	Al	Cu			
mW 16/ .. -8-s1r..	160	43	30	-	74	-	80	-	6	-
mW 18/ .. -8-s1r..	180	40	30	-	87	-	90	-	6	-
mW 20/ .. -8-s1r..	200	46	33	-	98	-	100	-	5	14
mW 30/ .. -8-s2r..	300	49	40	-	147.5	-	153	-	5	11