

Synchron-IPM Typen 4-polig

17.01.2024

Leistung

Dauerbetriebsleistung bei normalem Spindelbetrieb und intensiver Wasserkühlung

Drehzahl in 1000 min ⁻¹	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
Frequenz in Hz	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
Typen (D1/LFe in cm)	Leistung in kW														
mSipW 7/2.5-4-s2r..	0.34	0.68	1	1.4	1.7	2	2.4	2.7	3.1	3.4	3.4	3.4	3.4	3.4	3.4
mSipW 7/5-4-s2r..	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7	7	7	7	7	7
mSipW 7/7-4-s2r..	1	2	3	4	5	6	7	8	9	10	10	10	10	10	10
mSipW 7/10-4-s2r..	1.4	2.9	4.4	5.8	7.2	8.7	10.2	11.6	13	14.5	14.5	14.5	14.5	14.5	14.5
mSipW 8/4-4-s1r..	0.77	1.5	2.3	3.1	3.9	4.6	5.4	6.2	6.9	7.2	7.2	7.2	7.2	7.2	7.2
mSipW 8/6-4-s1r..	1.2	2.4	3.5	4.7	5.9	7.1	8.2	9.4	10.6	11	11	11	11	11	11
mSipW 8/9-4-s1r..	1.8	3.5	5.3	7.1	8.8	10.6	12.4	14.1	15.9	16.5	16.5	16.5	16.5	16.5	16.5
mSipW 8/11-4-s1r..	2.1	4.3	6.4	8.6	10.7	12.8	15	17.1	19.3	20	20	20	20	20	20
mSipW 9/3-4-s4r..	0.76	1.5	2.3	3	3.8	4.6	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
mSipW 9/6-4-s4r..	1.5	3.1	4.6	6.2	7.7	9.3	10.8	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
mSipW 9/8-4-s4r..	1.9	3.9	5.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
mSipW 9/9-4-s4r..	2.4	4.7	7.1	9.5	11.9	14.2	16.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
mSipW 9/10-4-s4r..	2.4	4.9	7.4	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
mSipW 9/11-4-s4r..	2.9	5.8	8.7	11.6	14.5	17.4	20	22	22	22	22	22	22	22	22
mSipW 10.6/6-4-s1r..	3.1	6.2	9.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3		
mSipW 10.6/8-4-s1r..	4.3	8.6	12.9	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3		
mSipW 10.6/10-4-s1r..	5.5	10.9	16.4	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2		
mSipW 10.6/6-4-s2r..	2.9	5.8	8.8	11.7	14.6	17.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5		
mSipW 10.6/8-4-s2r..	3.9	7.8	11.7	15.6	19.5	23	26	26	26	26	26	26	26		
mSipW 10.6/10-4-s2r..	4.9	9.9	14.8	19.8	25	30	33	33	33	33	33	33	33		
mSipW 10.6/12-4-s2r..	5.9	11.8	17.8	24	30	36	40	40	40	40	40	40	40		
mSipW 12/6-4-s2r..	3.7	7.3	11	14.7	18.3	22	22	22	22	22	22	22			
mSipW 12/6-4-s2r..	3.6	7.2	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8			
mSipW 12/9-4-s2r..	5.5	11	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5			
mSipW 12/9-4-s2r..	5.5	11	16.5	22	28	33	33	33	33	33	33	33			
mSipW 12/12-4-s2r..	7.5	15.1	23	23	23	23	23	23	23	23	23	23			
mSipW 12/12-4-s2r..	7.3	14.7	22	29	37	44	44	44	44	44	44	44			
mSipW 12/15-4-s2r..	9.2	18.3	28	37	46	55	55	55	55	55	55	55			
mSipW 12/15-4-s2r..	9.4	18.9	28	28	28	28	28	28	28	28	28	28			
mSipW 13.5/8-4-s3r..	6.6	13.2	19.8	26	33	33	33	33	33	33					
mSipW 13.5/9-4-s3r..	7.5	15	20	20	20	20	20	20	20	20					
mSipW 13.5/10-4-s3r..	8.2	16.5	22	22	22	22	22	22	22	22					
mSipW 13.5/15-4-s3r..	12.6	25	38	50	63	63	63	63	63	63					
mSipW 13.5/15.5-4-s3r..	13.1	26	35	35	35	35	35	35	35	35					
mSipW 13.5/20-4-s3r..	17	34	51	68	85	85	85	85	85	85					
mSipW 15/7-4-s2r..	7.6	15.2	23	30	38	38	38	38	38	38					
mSipW 15/10-4-s2r..	11.2	22	34	45	56	56	56	56	56	56					
mSipW 15/12-4-s2r..	13.6	27	41	54	68	68	68	68	68	68					
mSipW 15/15-4-s2r..	17	34	51	68	85	85	85	85	85	85					
mSipW 16/8-4-s1r..	10.7	21	25	25	25	25	25	25							
mSipW 16/11-4-s1r..	15	30	35	35	35	35	35	35							
mSipW 16/15-4-s1r..	21	42	48	48	48	48	48	48							
mSipW 16/20-4-s1r..	28	56	65	65	65	65	65	65							
mSipW 16/8-4-s2r..	10.8	22	32	43	47	47	47	47							
mSipW 16/11-4-s2r..	15.2	30	46	61	66	66	66	66							
mSipW 16/15-4-s2r..	21	42	63	84	91	91	91	91							
mSipW 16/20-4-s2r..	28	56	84	112	121	121	121	121							



Drehzahl	in 1000 min ⁻¹	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
Frequenz	in Hz	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
Typen (D1/LFe in cm)		Leistung in kW														
mSipW 17/10-4-s1r..		16	32	32	32	32	32	32	32							
mSipW 17/15-4-s1r..		24	49	49	49	49	49	49	49							
mSipW 17/18-4-s1r..		30	60	60	60	60	60	60	60							
mSipW 17/20-4-s1r..		33	67	67	67	67	67	67	67							
mSipW 17/25-4-s1r..		42	84	84	84	84	84	84	84							
mSipW 17/10-4-s2r..		15.5	31	46	62	62	62	62	62							
mSipW 17/15-4-s2r..		24	47	70	94	94	94	94	94							
mSipW 17/20-4-s2r..		32	64	96	128	128	128	128	128							
mSipW 17/25-4-s2r..		40	80	120	160	160	160	160	160							
mSipW 18/8-4-s1r..		15	30	30	30	30	30	30								
mSipW 18/11-4-s1r..		21	42	42	42	42	42	42								
mSipW 18/11-4-s1r..		22	43	65	83	83	83	83								
mSipW 18/15-4-s1r..		30	59	59	59	59	59	59								
mSipW 18/15-4-s1r..		29	57	86	110	110	110	110								
mSipW 18/20-4-s1r..		40	79	79	79	79	79	79								
mSipW 18/22-4-s1r..		43	86	129	165	165	165	165								
mSipW 20/7-4-s1r..		16.2	27	27	27	27	27	27								
mSipW 20/11-4-s1r..		26	43	43	43	43	43	43								
mSipW 20/16-4-s1r..		38	64	64	64	64	64	64								
mSipW 20/18-4-s1r..		43	72	72	72	72	72	72								
mSipW 20/26-4-s1r..		64	106	106	106	106	106	106								
mSipW 20/7-4-s3r..		15.1	30	45	53	53	53	53								
mSipW 20/11-4-s3r..		24	49	73	85	85	85	85								
mSipW 20/15-4-s3r..		34	68	102	119	119	119	119								
mSipW 20/21-4-s3r..		48	97	145	169	169	169	169								

Massblatt

Skizze



Hauptabmessungen alle Masse in mm	Stator		Rotor		
	Aussendurchmesser D1	Wickelkopflänge		Bohrung d3	max. Drehzahl
Typ		W1	W2	im Nennpunkt	in 1000 min ⁻¹
D1/LFe in cm		mit PTC			
mSipW 7/ .. -4-s2r..	70.2	21	18	28	60
mSipW 8/ .. -4-s1r..	80	25	21	37	56
mSipW 9/ .. -4-s4r..	90	30	23	43	45
mSipW 10.6/ .. -4-s1r..	106.5	34	26	50	40
mSipW 10.6/ .. -4-s2r..	106.5	34	26	50	40
mSipW 12/ .. -4-s2r..	120	30	24	55	36
mSipW 12/ .. -4-s2r..	120	30	24	55	36
mSipW 13.5/ .. -4-s3r..	135	37	27	65	30
mSipW 15/ .. -4-s2r..	150	41	28	70	30
mSipW 16/ .. -4-s1r..	160	43	34	80	26
mSipW 16/ .. -4-s2r..	160	43	34	80	26
mSipW 17/ .. -4-s1r..	170	44	37	85	24
mSipW 17/ .. -4-s2r..	170	44	37	85	24
mSipW 18/ .. -4-s1r..	180	47	40	90	23
mSipW 18/ .. -4-s1r..	180	47	40	90	23
mSipW 20/ .. -4-s1r..	200	50	34	100	21
mSipW 20/ .. -4-s3r..	200	50	34	100	21