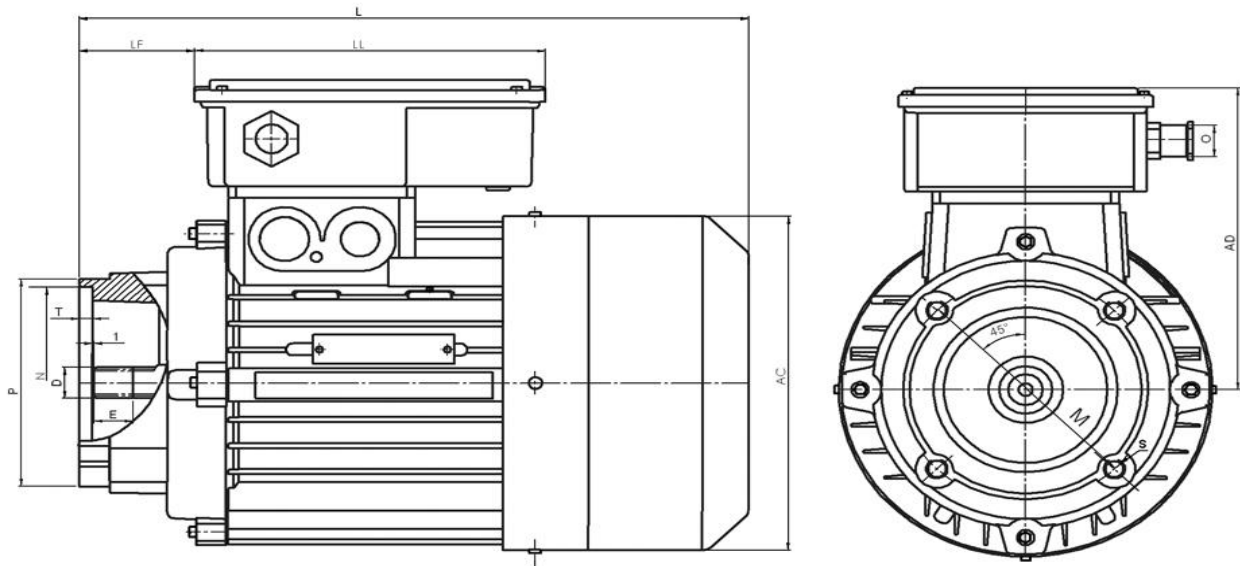


Asynchronous motors – TYPE KAT- with a built-in electromagnetic brake for electric hoists

Bemessungsleistung Rated output		TYP TYPE	Betriebswerte bei Bemessungsleistung Parameters at Rated Output				Anlaufverhalten Starting characteristics			Bremsmoment Breaking torque	Inertia torque	Gewicht Weight
kW	Hp		min ⁻¹	In A	η %	cos φ	Is/In	Ms/Mn	M _M /M _n	M _{br} N.m	J kg.m ²	kg
3000 min ⁻¹ , S1, S4-40% 240h ⁻¹												
0.18	0.25	KAT 63A-2	2770	0.51	64	0.81	3.9	2.3	2.5	0.8	0.000765	6.3
0.25	0.34	KAT 63B-2	2770	0.68	69	0.78	4.1	2.2	2.3	0.8	0.000812	6.8
0.37	0.50	KAT 71A-2	2800	0.95	71	0.83	4.3	2.2	2.4	1.8	0.000957	8.8
0.55	0.75	KAT 71B-2	2790	1.40	71	0.81	4.1	2.3	2.4	1.8	0.000976	9.3
0.75	1	KAT 80A-2	2820	2.00	72	0.82	5.0	2.4	2.6	4.0	0.002490	12.2
1.1	1.5	KAT 80B-2	2820	2.70	77	0.881	5.3	2.6	2.6	4.0	0.002590	13.3
1500 min ⁻¹ , S1, S4-40% 240h ⁻¹												
0.12	0.16	KAT 63A-4	1340	0.44	59	0.71	3.0	2.0	2.0	0.8	0.000801	6.6
0.18	0.25	KAT 63B-4	1320	0.61	62	0.72	3.0	2.0	2.0	0.8	0.000855	7.0
0.25	0.34	KAT 71A-4	1350	0.83	65	0.70	3.1	2.0	2.1	2.5	0.001214	8.8
0.37	0.50	KAT 71B-4	1350	1.18	66	0.72	3.2	2.1	2.2	2.5	0.001344	9.7
0.55	0.75	KAT 80A-4	1400	1.70	9	0.74	3.7	1.8	2.1	4.0	0.002870	12.0
0.75	1	KAT 80B-4	1400	2.30	71	0.70	4.4	2.2	2.5	4.0	0.003130	13.0
1000 min ⁻¹ , S1, S4-40% 240h ⁻¹												
0.12	0.16	KAT 63 B-6	880	0.63	56	0.60	2.2	2.2	2.2	1.5		7.2
0.18	0.25	KAT 71A-6	880	0.70	57	0.68	2.5	1.8	2.0	2.5	0.00155	8.9
0.25	0.34	KAT 71B-6	880	0.96	60	0.66	2.8	1.9	2.0	2.5	0.00170	9.6
0.37	0.50	KAT 80A-6	930	1.35	62	0.67	3.5	2.0	2.1	4.0	0.00361	11.7
0.55	0.75	KAT 80B-6	925	2.0	66	0.66	3.3	2.0	2.2	4.0	0.00388	13.0
750 / 3000 min ⁻¹ , S4-20/40% 240 h ⁻¹												
0.023	0.031	KAT 63A-8/2	670	0.30	41	0.66	1.4	1.5	1.8	0.4	0.0006204	6,6
0.090	0.12		2830	0.30		0.75	4.1	2.2	3.0			
0.03	0.04	KAT 63B-8/2	650	0.34	42	0.72	1.4	1.5	1.5	0.4	0.0006744	7,0
0.12	0.16		2800	0.39		0.79	3.6	2.1	2.3			
0.045	0.06	KAT 71A-8/2	660	0.50	38	0.60	1.5	1.3	1.7	0.8	0.00120	8,8
0.180	0.25		2730	0.60		0.82	3.3	1.8	2.3			
0.06	0.08	KAT 71B-8/2	690	0.71	39.5	0.60	1.5	1.3	1.7	0.8	0.00133	9,7
0.24	0.32		2820	0.78		0.77	3.3	1.8	2.3			
0.075	0.10	KAT 80A-8/2	720	1.16	48	0.55	2.0	2.1	2.8	1.8	0.003185	12
0.300	0.40		2910	1.16		0.75	5.1	2.0	3.0			
0.13	0.18	KAT 80B-8/2	710	1.4	53	0.60	2.2	2.1	2.6	1.8	0.003445	13
0.55	0.75		2890	1.6		0.81	6.7	1.7	2.6			

Overall and Joining Dimensions



TYP TYPE	Abmessungen, Dimensions, [mm]												
	AC	AD	D	E	L	LF	LL	M	N	O	P	S	T
KAT 63	123	117	13x12x1	13	250	44	134	94	80	M20	87	M8	5
KAT 71	140	127			255								
KAT 80	157	136			280								