

COOLING SYSTEMS EQUIPMENT

Technical data for cooling towers HSA 03 to 9

Type	Water flow rate m ³ /h	Air flow rate *) m ³ /s	One speed electro motor				With two speed electro motor				heater 220 V W		
			Fan with electro motor Type	weight fan + motor kg	fan speed min ⁻¹	Power consumption on the shaft of the fan kW	Nominal motor power kW	Fan with electro motor Type	weight fan + motor kg	fan speed min ⁻¹		Power consumption on the shaft of the fan kW	Nominal motor power kW
HSA 03	3-11	1,1	45/4-7 L1	10,7	1430	0,27	0,37	45/4/8-7 L1	11,4	720/1430	0,03/0,3	0,1/0,37	1000
06	5-19	2,0	60/6-7 L1	33	960	0,34	0,55	60/6/12-7 L1	35	470/960	0,04/0,3	0,1/0,55	1000
1	12-43	4,3	85/6-5 LP	64	960	1,07	1,5	85/6/12-5 LP	70	470/960	0,13/1,1	0,35/1,5	1000
1	12-43	4,8	85/6-5 LP	66	960	1,8	2,2	85/6/12-5 LP	73	470/960	0,23/1,8	0,55/2,2	1000
2	18-69	8,0	HWD 95/6	67	960	2,04	2,2	HWD 95/6/12	73	480/960	0,4/2,04	0,55/2,2	1000
3	26-97	9,7	110/8-5 LP	102	725	2,04	3,0	110/ 8/16-5 LP	108	340/725	0,26/2,0	0,5/3,0	1000
4	36-132	15,8	HWD 150/10	182	580	3,6	4,0	HWD 150/10/20	200	290/580	0,6/3,6	0,8/4,0	1000
4	36-132	17,4	HWD 150/10	187	580	4,9	5,5	HWD 150/10/20	208	290/580	0,8/4,9	1,2/5,5	1000
6	50-190	18,0	100/132S4	138	580	4,9	5,5	¹⁵⁸⁵⁻⁴ 100/132S8/4	146	290/580	0,6/4,9	1,4/5,5	1000
6	50-190	21,4	¹⁵⁸⁵⁻⁴ 100/132M4	158	580	8,4	9,0	¹⁵⁸⁵⁻⁴ 100/160M8/4	181	290/580	1,1/8,4	2,4/9,5	1000
9	72-270	27,0	¹⁷⁸⁵⁻⁴ 100/132M4	162	576	8,1	9,0	¹⁷⁸⁵⁻⁴ 100/160M8/4	185	288/576	1,0/8,1	2,4/9,5	1000
9	72-270	27,0	¹⁷⁸⁵⁻⁴ 100/160M4	170	580	10,2	11,0	¹⁷⁸⁵⁻⁴ 100/160MP8/4	187	290/590	1,3/10,2	3,0/11,0	1000

*) fill height 900 mm and full speed, water flow rate r = 15,0 t/m²/h, air density 1,12kg/m³