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DHC Cross Flow, Induced Draft, Open Cooling Tower

Design Information





I. Outline of models

Hot、Cold Water Temperature (37°C–32°C)

Model	Water Flow (m ³ /h)	dimension			Fan (mm)	Motor (Kw)	Head (m)	Dry Weight (Kg)	Op. Weight (Kg)	Noise dB(A) Dm
		L	W	H						
DHC-100	100	2000	3700	4150	1500	3.0	4.8	1230	2080	59
DHC-125	125	2200	3900	4150	1800	4.0	4.8	1480	2620	60
DHC-150	150	2600	4100	4150	2000	5.5	4.8	1670	3050	60
DHC-175	175	2900	4260	4250	2200	5.5	5.3	2000	3560	61
DHC-200	200	3300	4500	4250	2400	7.5	5.6	2300	4070	62
DHC-225	225	3300	4500	4750	2400	7.5	5.6	2460	4540	62.5
DHC-250	250	3500	4900	4750	2800	7.5	5.6	2800	6230	63
DHC-300	300	3700	5360	4750	2800	11.0	6.0	3250	5750	63



II. Drawing parameter

Model	L	W	W2	W3	Inlet DN1	outlet DN2	Overflow DN3	drain DN4	Quick Filler DN5	Automatic Filler DN6
DHC-100	2000	3700	1100	1500	100X2	200	65	65	32	32
DHC-125	2200	3900	1100	1700	125X2	200	65	65	32	32
DHC-150	2600	4100	1100	1900	125X2	200	65	65	32	32
DHC-175	2900	4260	1100	2060	125X2	250	65	65	32	32
DHC-200	3300	4500	1100	2300	125X2	250	65	65	32	32
DHC-225	3300	4500	1100	2300	125X2	250	65	65	32	32
DHC-250	3500	4900	1100	2700	150X2	300	80	80	32	32
DHC-300	3700	5360	1350	2860	150X2	300	80	80	32	32

Design condition of cooling tower: Atmo-pressure is 99400Pa,Air T. is 31.5°C,W.T.is 28°C.

III. Drawing

