

# HCT/HATCH



## Dynamic discharge systems with motorised opening function fitted with roof-mount extract fan

Dynamic discharge systems with roof-mounted extract fans and motorised opening function. Suitable for installation in industrial or commercial buildings. Can be used for ambient ventilation in the buildings in which it is installed.

### Fan:

- An extremely robust structure that is able to withstand severe weather changes.
- Equipment structure made of anti-corrosive galvanised sheet steel.
- Designed to ensure watertightness.
- 100 mm thick thermal insulation for the hatch and 60 mm for the sides.
- Adaptable skirting for correct, easy installation on the roof.
- Maintenance switches for actuator and fan disconnection with auxiliary contacts.
- Tubular casing in sheet steel with polyester resin anti-corrosive treatment.
- Cast aluminium impellers.
- Models 125 with 6 or 9 blade cast aluminum impellers, with adjustable angle of inclination.

### Opening system:

- Motorised opening arm, with encapsulated IP65 mechanism.
- Supply voltage at 230 V AC 50/60 Hz.

- System reinforced and guaranteed with more than 11,000 cycles.
- Snow load SL 1000.
- Automatic opening by external signal from the control system (fire control panel, smoke detector ...). Control systems not included in the supply.
- Limit switches in both positions (open and closed).

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings, IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

### Finish:

- Anti-corrosive in galvanized steel sheet.

### On request:

- Polyester resin anti-corrosive paint finish.
- Motorised opening arms with supply voltage of 24 V DC.

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Blade tilt angle (°)	Maximum flow rate (m <sup>3</sup> /h)	Sound pressure level <sup>1</sup> dB (A)	Approx. weight (Kg)	According ErP*
		230V	400V	690V						
HCT/HATCH-40-2T-1.5 IE3	2830	4.03	2.34		1.10	20	7030	68	188	2015
HCT/HATCH-45-2T-2 IE3	2875	5.34	3.07		1.50	16	9390	68	193	2015
HCT/HATCH-45-2T-3 IE3	2910	7.32	4.21		2.20	22	11330	68	194	2015
HCT/HATCH-45-4T-0.5	1370	2.02	1.17		0.37	36	7100	56	189	2015
HCT/HATCH-50-4T-0.75	1380	2.92	1.69		0.55	28	9730	57	194	2015
HCT/HATCH-56-4T-1 IE3	1420	2.82	1.62		0.75	22	11270	60	202	2020
HCT/HATCH-56-4T-1.5 IE3	1455	4.07	2.34		1.10	30	13610	60	201	2020
HCT/HATCH-56-4T-2 IE3	1440	5.41	3.11		1.50	36	15020	61	205	2015
HCT/HATCH-56-6T-0.75	900	2.99	1.73		0.55	38	10000	52	201	2020
HCT/HATCH-63-4T-1 IE3	1420	2.82	1.62		0.75	14	15180	64	206	2020
HCT/HATCH-63-4T-1.5 IE3	1455	4.07	2.34		1.10	20	17800	63	208	2020
HCT/HATCH-63-4T-2 IE3	1440	5.41	3.11		1.50	24	19280	63	212	2020
HCT/HATCH-63-4T-3 IE3	1435	7.93	4.56		2.20	32	22170	65	221	2020
HCT/HATCH-63-4T-4 IE3	1440	10.70	6.15		3.00	38	24240	66	230	2020
HCT/HATCH-63-6T-0.75	900	2.99	1.73		0.55	28	13590	54	249	2015
HCT/HATCH-71-4T-2 IE3	1440	5.41	3.11		1.50	14	20920	67	260	2020
HCT/HATCH-71-4T-3 IE3	1435	7.93	4.56		2.20	22	25110	67	269	2020
HCT/HATCH-71-4T-4 IE3	1440	10.70	6.15		3.00	28	27480	67	278	2015

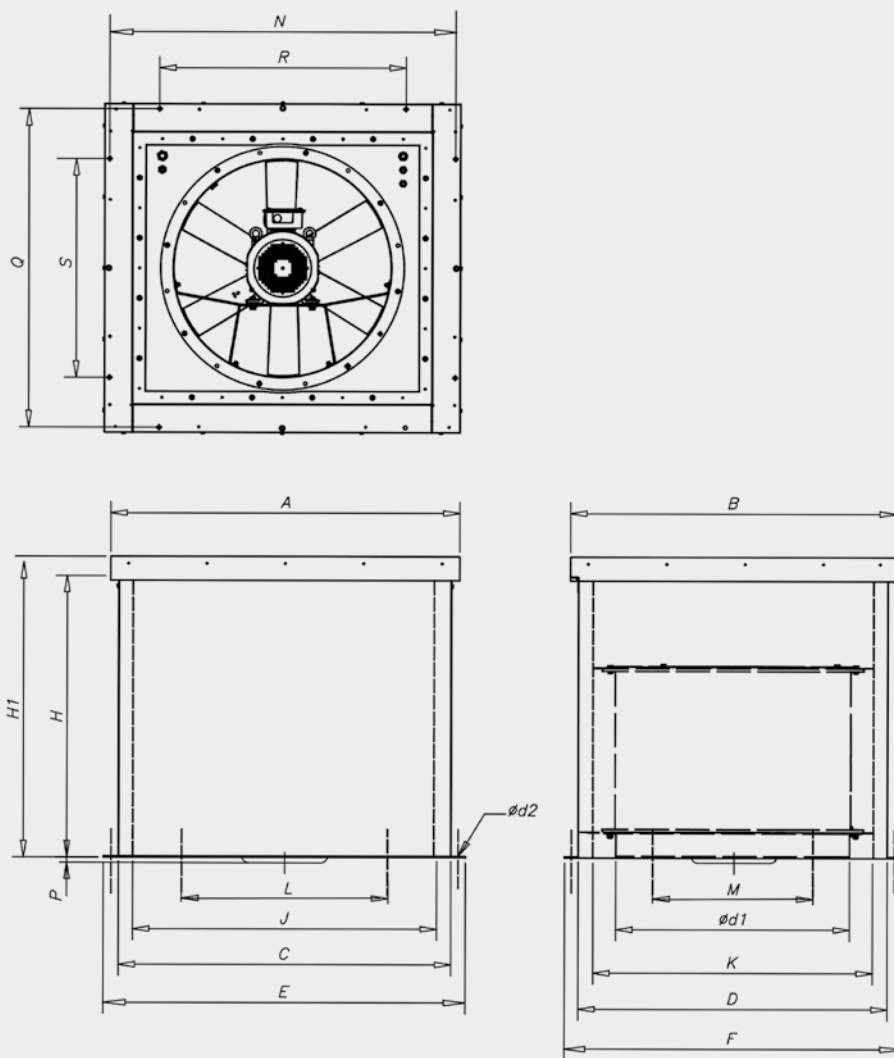
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Blade tilt angle (°)	Maximum flow rate (m³/h)	Sound pressure level <sup>1</sup> dB (A)	Approx. weight (Kg)	According ErP*
		230V	400V	690V						
HCT/HATCH-71-6T-1 IE3	940	3.36	1.93		0.75	26	17300	57	260	2015
HCT/HATCH-71-6T-1.5 IE3	945	4.68	2.69		1.10	34	19930	58	268	2015
HCT/HATCH-80-4T-3 IE3	1435	7.93	4.56		2.20	12	25450	72	280	2020
HCT/HATCH-80-4T-4 IE3	1440	10.70	6.15		3.00	16	30270	71	289	2020
HCT/HATCH-80-4T-5.5 IE3	1450	13.90	8.00		4.00	18	32770	70	295	2020
HCT/HATCH-80-6T-1.5 IE3	945	4.68	2.69		1.10	18	21470	60	279	2020
HCT/HATCH-80-6T-2 IE3	950	6.43	3.70		1.50	26	25970	61	288	2020
HCT/HATCH-90-4T-5.5 IE3	1450	13.90	8.00		4.00	12	38880	75	318	2020
HCT/HATCH-90-4T-7.5 IE3	1465		10.30	5.97	5.50	18	46130	74	344	2020
HCT/HATCH-90-4T-10 IE3	1465		13.90	8.06	7.50	22	50140	73	293	2020
HCT/HATCH-90-6T-2 IE3	950	6.43	3.70		1.50	16	28780	63	311	2020
HCT/HATCH-90-6T-3 IE3	950	9.08	5.22		2.20	24	33990	63	365	2020
HCT/HATCH-90-6T-4 IE3	970	12.00	6.91		3.00	30	38910	66	391	2015
HCT/HATCH-100-4T-7.5 IE3	1465		10.30	5.97	5.50	10	46860	79	400	2020
HCT/HATCH-100-4T-10 IE3	1465		13.90	8.06	7.50	16	57410	76	411	2020
HCT/HATCH-100-4T-15 IE3	1470		20.90	12.10	11.00	22	66300	76	466	2020
HCT/HATCH-100-4T-20 IE3	1465		27.90	16.20	15.00	28	76150	77	481	2020
HCT/HATCH-100-6T-3 IE3	950	9.08	5.22		2.20	16	37620	67	375	2020

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		230V	400V	690V						
HCT/HATCH-100-6T-4 IE3	970	12.00	6.91		3.00	20	41170	66	401	2015
HCT/HATCH-100-6T-5.5 IE3	960	15.60	8.99		4.00	26	47780	67	413	2015
HCT/HATCH-125-4T/6-25 IE3	1470		35.10	20.30	18.50	14	92550	83	746	2020
HCT/HATCH-125-4T/6-30 IE3	1470		41.00	23.80	22.00	16	98830	82	760	2020
HCT/HATCH-125-4T/6-40 IE3	1480		57.10	33.10	30.00	22	117460	82	841	2020
HCT/HATCH-125-4T/6-50 IE3	1480		66.80	38.70	37.00	26	131060	82	889	2020
HCT/HATCH-125-4T/9-25 IE3	1470		35.10	20.30	18.50	10	79670	84	755	2020
HCT/HATCH-125-4T/9-30 IE3	1470		41.00	23.80	22.00	12	88280	83	769	2020
HCT/HATCH-125-4T/9-40 IE3	1480		57.10	33.10	30.00	16	104040	82	850	2020
HCT/HATCH-125-4T/9-50 IE3	1480		66.80	38.70	37.00	20	118400	82	898	2020
HCT/HATCH-125-6T/6-5.5 IE3	960	15.60	8.99		4.00	10	51500	74	611	2020
HCT/HATCH-125-6T/6-7.5 IE3	970		11.20	6.49	5.50	14	60630	72	618	2020
HCT/HATCH-125-6T/6-10 IE3	975		14.80	8.58	7.50	20	72650	71	643	2020
HCT/HATCH-125-6T/6-15 IE3	975		21.90	12.70	11.00	26	85870	71	673	2020
HCT/HATCH-125-6T/6-20 IE3	975		28.20	16.30	15.00	30	92850	73	746	2020
HCT/HATCH-125-6T/9-10 IE3	975		14.80	8.58	7.50	14	63490	74	652	2020
HCT/HATCH-125-6T/9-15 IE3	975		21.90	12.70	11.00	20	77570	72	682	2020
HCT/HATCH-125-6T/9-20 IE3	975		28.20	16.30	15.00	26	92970	72	755	2020

<sup>1</sup> Irradiated sound pressure level in dB(A) at a distance of 3 m.

\* In accordance with the ErP 2020 draft

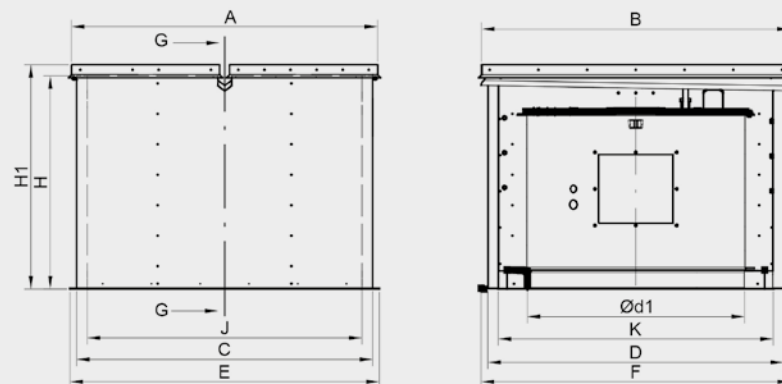
HCT/HATCH  
40 ... 100



Model	A	B	C	D	ød1	E	F	H	H1	J
HCT/HATCH-40	1100	1000	1020	920	400	1100	1000	900	1000	900
HCT/HATCH-45	1100	1000	1020	920	450	1100	1000	900	1000	900
HCT/HATCH-50	1100	1000	1020	920	500	1100	1000	900	1000	900
HCT/HATCH-56	1100	1000	1020	920	560	1100	1000	900	1000	900
HCT/HATCH-63	1300	1200	1220	1120	630	1300	1200	900	1000	1100
HCT/HATCH-71	1300	1200	1220	1120	710	1300	1200	900	1000	1100
HCT/HATCH-80	1300	1200	1220	1120	800	1300	1200	900	1000	1100
HCT/HATCH-90	1500	1400	1420	1320	900	1500	1400	900	1000	1300
HCT/HATCH-100	1500	1400	1420	1320	1000	1500	1400	900	1000	1300
HCT/HATCH-100-4T-15	1500	1400	1420	1320	1000	1500	1400	900	1000	1300
HCT/HATCH-100-4T-20	1500	1400	1420	1320	1000	1500	1400	900	1000	1300

Model	K	L	M	N	P	Q	R	S	ød2
HCT/HATCH-40	800	700	600	1065	-	965	700	600	13
HCT/HATCH-45	800	700	600	1065	-	965	700	600	13
HCT/HATCH-50	800	700	600	1065	-	965	700	600	13
HCT/HATCH-56	800	700	600	1065	-	965	700	600	13
HCT/HATCH-63	1000	900	800	1265	-	1165	900	800	13
HCT/HATCH-71	1000	900	800	1265	-	1165	900	800	13
HCT/HATCH-80	1000	900	800	1265	-	1165	900	800	13
HCT/HATCH-90	1200	1100	1000	1465	-	1365	1100	1000	13
HCT/HATCH-100	1200	1100	1000	1465	-	1365	1100	1000	13
HCT/HATCH-100-4T-15	1200	1100	1000	1465	80	1365	1100	1000	13
HCT/HATCH-100-4T-20	1200	1100	1000	1465	80	1365	1100	1000	13

HCT/HATCH-125



Model	A	B	C	D	Ød1	E	F	H	H1	J	K
HCT/HATCH-125	1750	1775	1700	1700	1245	1780	1780	1230	1330	1580	1580