

HCT

Ventilatori assiali tubolari di elevata robustezza



Ventilatori assiali tubolari. In versione PL con girante in plastica e in versione AL con girante in alluminio.

Ventilatore:

- Direzione aria motore-girante.
- Girante in versione PL in poliammide 6 rinforzata con fibra di vetro e in versione AL in alluminio pressofuso. Modelli 40-2T e 45-2T solo in versione AL.
- Involucro tubolare in lamiera d'acciaio con scatola morsettiera esterna.

Motore:

- Motori di efficienza IE3 per potenze uguali o superiori a 0,75 kW, ad esclusione delle versioni monofase, 2 velocità e 8 poli.
- Motori in classe F con cuscinetti a sfere e grado di protezione IP55. Ad eccezione dei modelli monofase dalla

taglia 45 alla taglia 56, con grado di protezione IP54. A 1 o 2 velocità a seconda del modello.

- Monofase 230 V 50 Hz e trifase 230/400 V 50 Hz (fino a 4 kW) e 400/690 V 50 Hz (potenze superiori a 4 kW).
- Temperatura di esercizio: -25 °C +50 °C.

Finitura:

- Anticorrosiva in resina di poliestere polimerizzata a 190 °C, previo sgrassaggio con trattamento nanotecnologico senza fosfati.

Su richiesta:

- Direzione aria girante-motore.
- Giranti totalmente reversibile.
- Avvolgimenti speciali per diversi livelli di tensione.
- Certificazione ATEX Categoria 2.

Esempio di codice per ordine

HCT	—	40	—	2	T	—	1.5	/	PL
↓		↓		↓	↓		↓		↓
HCT: Ventilatori assiali tubolari di elevata robustezza		Diametro girante in cm		Numero di poli del motore 2=3000 giri/min 50 Hz 4=1500 giri/min 50 Hz 6=1000 giri/min 50 Hz	T = Trifase M = Monofase		Potenza motore (CV)		PL: Girante in plastica AL: Girante in alluminio

Caratteristiche tecniche

Modello	Velocità (giri/min)	Intensità massima consentita (A)			Potenza installata (kW)	Portata massima (m³/h)	Livello di pressione sonora' dB(A) Aspirazione	Peso circa (Kg)
		230V	400V	690V				
HCT-25-2T	2670	0,64	0,37		0,09	1940	54	7
HCT-25-2M	2760	0,79			0,09	1940	54	7
HCT-25-4T	1320	0,65	0,38		0,09	980	40	7
HCT-25-4M	1370	0,83			0,09	980	40	7
HCT-31-2T	2710	1,00	0,58		0,18	2900	60	8
HCT-31-2M	2780	1,33			0,18	2900	60	8
HCT-31-4T	1320	0,65	0,38		0,09	1550	42	8
HCT-31-4M	1370	0,83			0,09	1550	42	8
HCT-35-2T	2830	1,56	0,90		0,37	5885	67	12
HCT-35-2M	2780	2,53			0,37	5885	67	12
HCT-35-4T	1320	0,65	0,38		0,09	3275	49	10
HCT-35-4M	1370	0,83			0,09	3275	49	10
HCT-40-2T-1.5 IE3	2830	4,03	2,34		1,10	8805	74	26
HCT-40-4T-0.33	1350	1,66	0,96		0,25	5280	54	21
HCT-45-2T-2 IE3	2875	5,34	3,07		1,50	10630	77	35
HCT-45-2T-3 IE3	2910	7,32	4,21		2,20	12745	79	39
HCT-45-2T-4 IE3	2910	10,00	5,77		3,00	12890	81	41
HCT-45-4T-0.5	1370	2,02	1,17		0,37	7100	59	24

Caratteristiche tecniche

Modello	Velocità (giri/min)	Intensità massima consentita (A)			Potenza installata (kW)	Portata massima (m³/h)	Livello di pressione sonora¹ dB(A) Aspirazione	Peso circa (Kg)
		230V	400V	690V				
HCT-45-4M-0.5	1420	2,90			0,37	7100	59	24
HCT-50-2T-3 IE3	2910	7,32	4,21		2,20	13810	79	36
HCT-50-4T-0.75	1420	2,17	1,25		0,55	10380	63	28
HCT-56-2T-5.5 IE3	2900	13,00	7,50		4,00	19665	82	53
HCT-56-4T-0.75	1420	2,17	1,25		0,55	11040	65	33
HCT-56-4T-1 IE3	1420	2,82	1,62		0,75	12940	66	35
HCT-56-4T-1.5 IE3	1455	4,07	2,34		1,10	13995	67	41
HCT-56-4T-2 IE3	1440	5,41	3,11		1,50	15425	68	47
HCT-56-6T-0.33	900	1,51	0,87		0,25	8755	54	30
HCT-56-6T-0.5	900	2,24	1,30		0,37	10000	54	32
HCT-56-6T-0.75	900	2,99	1,73		0,55	10250	55	34
HCT-63-2T-20 IE3	2945		27,70	16,10	15,00	41855	87	139
HCT-63-4T-1 IE3	1420	2,82	1,62		0,75	14145	68	43
HCT-63-4T-1.5 IE3	1455	4,07	2,34		1,10	17020	69	49
HCT-63-4T-2 IE3	1440	5,41	3,11		1,50	18910	70	56
HCT-63-4T-3 IE3	1435	7,93	4,56		2,20	22090	71	58
HCT-63-4T-4 IE3	1440	10,70	6,15		3,00	25390	72	64
HCT-63-6T-0.5	900	2,24	1,30		0,37	12135	59	40
HCT-63-6T-0.75	900	2,99	1,73		0,55	12760	60	42
HCT-71-4T-1.5 IE3	1455	4,07	2,34		1,10	19770	73	56
HCT-71-4T-2 IE3	1440	5,41	3,11		1,50	21090	74	63
HCT-71-4T-3 IE3	1435	7,93	4,56		2,20	23970	76	65
HCT-71-4T-4 IE3	1440	10,70	6,15		3,00	29410	77	71
HCT-71-6T-0.75	900	2,99	1,73		0,55	15130	62	49
HCT-71-6T-1 IE3	940	3,36	1,93		0,75	17260	63	58
HCT-71-6T-1.5 IE3	945	4,68	2,69		1,10	20965	64	63
HCT-80-4T-3 IE3	1435	7,93	4,56		2,20	27940	77	73
HCT-80-4T-4 IE3	1440	10,70	6,15		3,00	32720	78	79
HCT-80-4T-5.5 IE3	1450	13,90	8,00		4,00	37440	79	81
HCT-80-6T-1 IE3	940	3,36	1,93		0,75	20560	66	67
HCT-80-6T-1.5 IE3	945	4,68	2,69		1,10	24650	67	72
HCT-80-6T-2 IE3	950	6,43	3,70		1,50	27960	68	75
HCT-80-6T-3 IE3	950	9,08	5,22		2,20	32545	69	80
HCT-90-4T-4 IE3	1440	10,70	6,15		3,00	37635	83	95
HCT-90-4T-5.5 IE3	1450	13,90	8,00		4,00	41810	85	97
HCT-90-4T-7.5 IE3	1465		10,30	5,97	5,50	47550	87	132
HCT-90-4T-10 IE3	1465		13,90	8,06	7,50	53120	88	136
HCT-90-6T-3 IE3	950	9,08	5,22		2,20	35555	74	96
HCT-90-6T-4 IE3	970	12,00	6,91		3,00	40165	75	114
HCT-100-4T-7.5 IE3	1465		10,30	5,97	5,50	52470	90	144
HCT-100-4T-10 IE3	1465		13,90	8,06	7,50	58560	91	147
HCT-100-4T-15 IE3	1470		20,90	12,10	11,00	68000	92	185
HCT-100-4T-20 IE3	1465		27,90	16,20	15,00	71850	93	196
HCT-100-6T-3 IE3	950	9,08	5,22		2,20	40390	80	107
HCT-100-6T-4 IE3	970	12,00	6,91		3,00	46960	81	125
HCT-100-6T-5.5 IE3	960	15,60	8,99		4,00	52025	82	131

1. Livello di pressione sonora in dB(A) a 3 m di distanza a portata massima.



Erp. (Energy Related Products)

Informazioni sulla direttiva 2009/125/CE scaricabili dal sito web di SODECA o da QuickFan Selector.

Caratteristiche acustiche

I valori indicati si ottengono in condizioni di laboratorio secondo la norma ISO 3744.

Spettro di potenza sonora $L_w(A)$ in dB(A) per banda di frequenza in Hz

Valori presi in aspirazione con portata massima

	63	125	250	500	1000	2000	4000	8000		63	125	250	500	1000	2000	4000	8000
25-2	35	50	69	68	69	68	63	54	63-6-0.75	42	62	70	75	77	74	67	56
25-4	21	36	55	54	55	54	49	40	71-4-1.5	55	75	83	88	90	87	80	69
31-2	41	56	75	74	75	74	69	60	71-4-2	56	76	84	89	91	88	81	70
31-4	23	38	57	56	57	56	51	42	71-4-3	58	78	86	91	93	90	83	72
35-2	48	63	82	81	82	81	76	67	71-4-4	59	79	87	92	94	91	84	73
35-4	30	45	64	63	64	63	58	49	71-6-0.75	44	64	72	77	79	76	69	58
40-2-1.5	55	70	89	88	89	88	83	74	71-6-1	45	65	73	78	80	77	70	59
40-4-0.33	35	50	69	68	69	68	63	54	71-6-1.5	46	66	74	79	81	78	71	60
45-2-2	51	68	80	88	93	93	89	82	80-4-3	59	79	87	92	94	91	84	73
45-2-3	53	70	82	90	95	95	91	84	80-4-4	60	80	88	93	95	92	85	74
45-2-4	55	72	84	92	97	97	93	86	80-4-5.5	61	81	89	94	96	93	86	75
45-4-0.5	33	50	62	70	75	75	71	64	80-6-1	48	68	76	81	83	80	73	62
50-2-3	53	70	83	90	95	96	91	84	80-6-1.5	49	69	77	82	84	81	74	63
50-4-0.75	37	54	67	74	79	80	75	68	80-6-2	50	70	78	83	85	82	75	64
56-2-5.5	64	84	92	97	99	96	89	78	80-6-3	51	71	79	84	86	83	76	65
56-4-0.75	47	67	75	80	82	79	72	61	90-4-4	65	86	93	98	101	97	90	79
56-4-1	48	68	76	81	83	80	73	62	90-4-5.5	67	88	95	100	103	99	92	81
56-4-1.5	49	69	77	82	84	81	74	63	90-4-7.5	69	90	97	102	105	101	94	83
56-4-2	50	70	78	83	85	82	75	64	90-4-10	70	91	98	103	106	102	95	84
56-6-0.33	36	56	64	69	71	68	61	50	90-6-3	56	77	84	89	92	88	81	70
56-6-0.5	36	56	64	69	71	68	61	50	90-6-4	57	78	85	90	93	89	82	71
56-6-0.75	37	57	65	70	72	69	62	51	100-4-7.5	72	92	100	105	107	104	97	86
63-2-20	69	89	97	102	104	101	94	83	100-4-10	73	93	101	106	108	105	98	87
63-4-1	50	70	78	83	85	82	75	64	100-4-15	74	94	102	107	109	106	99	88
63-4-1.5	51	71	79	84	86	83	76	65	100-4-20	75	95	103	108	110	107	100	89
63-4-2	52	72	80	85	87	84	77	66	100-6-3	62	82	90	95	97	94	87	76
63-4-3	53	73	81	86	88	85	78	67	100-6-4	63	83	91	96	98	95	88	77
63-4-4	54	74	82	87	89	86	79	68	100-6-5.5	64	84	92	97	99	96	89	78
63-6-0.5	41	61	69	74	76	73	66	55									

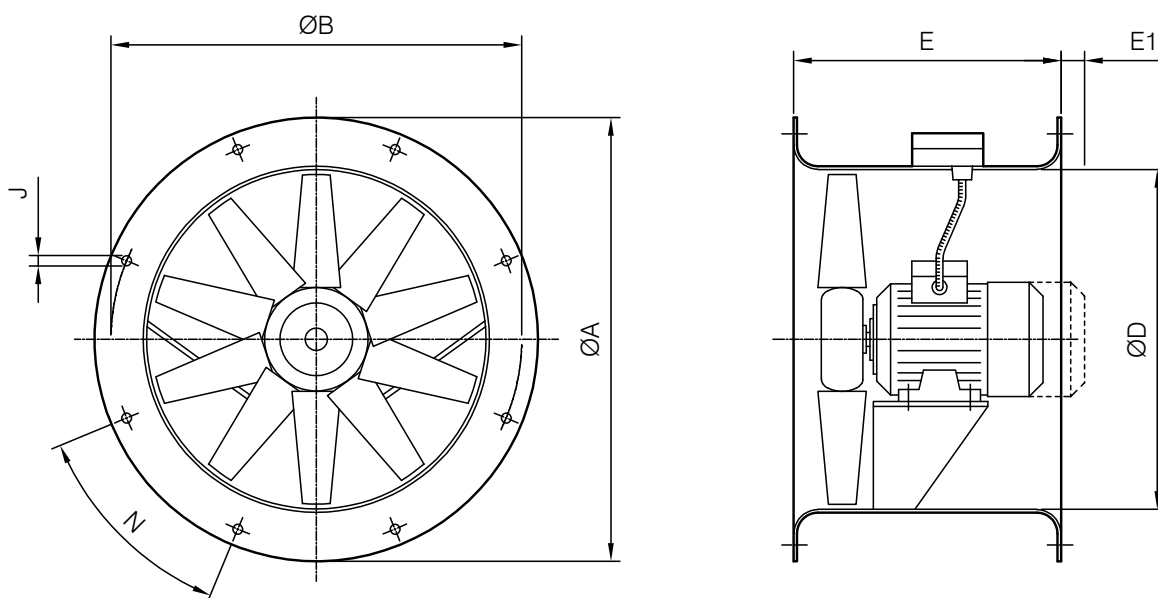
Dimensioni costruttive dei motori in base alla potenza

	CV														
	0.13	0.25	0.33	0.5	0.75	1	1.5	2	3	4	5.5	7.5	10	15	20
2T (3000 giri/min)	56	63	63	71	71	80	80	90S	90L	100	112	132S	132S	160M	160M
4T (1500 giri/min)	56	63	71	71	80	80	90S	90L	100L	100L	112M	132M	132M	160M	160L
6T (1000 giri/min)	63	71	71	80	80	90S	90L	100L	112M	132M	132M	160M	160M	160L	180L

Accessori



Dimensioni in mm

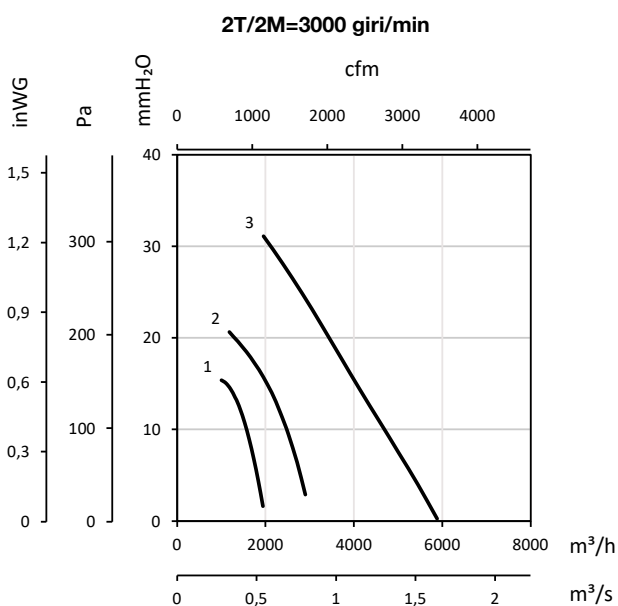


	Dimensione motore	$\varnothing A$	$\varnothing B$	$\varnothing D$	E	E1	$\varnothing J$	N
HCT-25	56	310	280	240	230	12	10	4x90°
HCT-31	63	350	320	280	270	-	10	4x90°
HCT-31	56	350	320	280	270	-	10	4x90°
HCT-35	71	425	395	355	280	-	10	8x45°
HCT-35	56	425	395	355	280	-	10	8x45°
HCT-40	71	490	450	410	320	-	12	8x45°
HCT-40	80	490	450	410	320	7	12	8x45°
HCT-45	71	540	500	460	360	-	12	8x45°
HCT-45	90L	540	500	460	360	46	12	8x45°
HCT-45	100L	540	500	460	360	53	12	8x45°
HCT-50	80	600	560	514	360	-	12	12x30°
HCT-50	90L	601	560	514	360	-	12	12x30°
HCT-56	80	660	620	560	400	-	12	12x30°
HCT-56	90L	660	620	560	400	49	12	12x30°
HCT-56	71	660	620	560	400	-	12	12x30°
HCT-56	112M	660	620	560	400	46,5	12	12x30°
HCT-63	80	730	690	640	430	-	12	12x30°
HCT-63	90L	730	690	640	430	-	12	12x30°
HCT-63	100L	730	690	640	430	39	12	12x30°
HCT-63	160M	730	690	640	650	-	12	12x30°
HCT-71	90L	810	770	710	500	-	12	16x22°30'
HCT-71	100L	810	770	710	500	16	12	16x22°30'
HCT-71	80	810	770	710	500	-	12	16x22°30'
HCT-80	100L	900	860	800	500	16	12	16x22°30'
HCT-80	112M	900	860	800	500	-	12	16x22°30'
HCT-80	90L	900	860	800	500	-	12	16x22°30'
HCT-90	100L	1015	970	900	500	9	15	16x22°30'
HCT-90	112M	1015	970	900	500	-	15	16x22°30'
HCT-90	132M	1015	970	900	500	60	15	16x22°30'
HCT-100	132M	1115	1070	1000	600	-	15	16x22°30'
HCT-100	112M	1115	1070	1000	600	-	15	16x22°30'
HCT-100	160M	1115	1070	1000	700	-	15	16x22°30'
HCT-100	160L	1115	1070	1000	700	-	15	16x22°30'

Curve caratteristiche

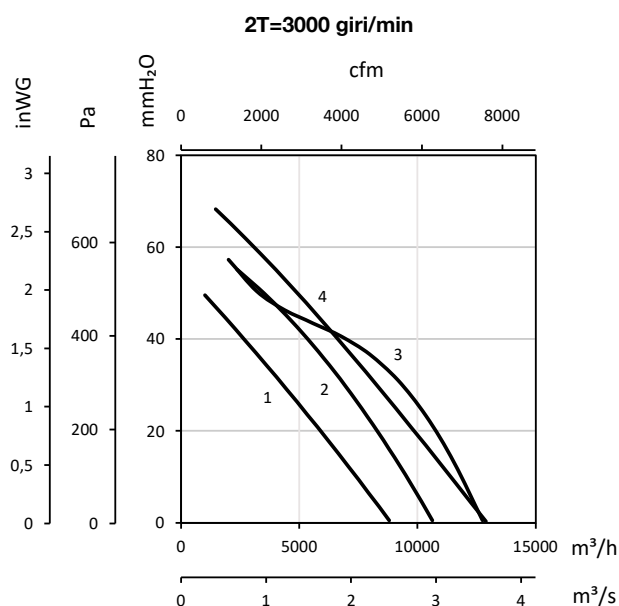
Q= Portata in m³/h, m³/s e cfm

Pe= Pressione statica in mmH₂O, Pa e inwg



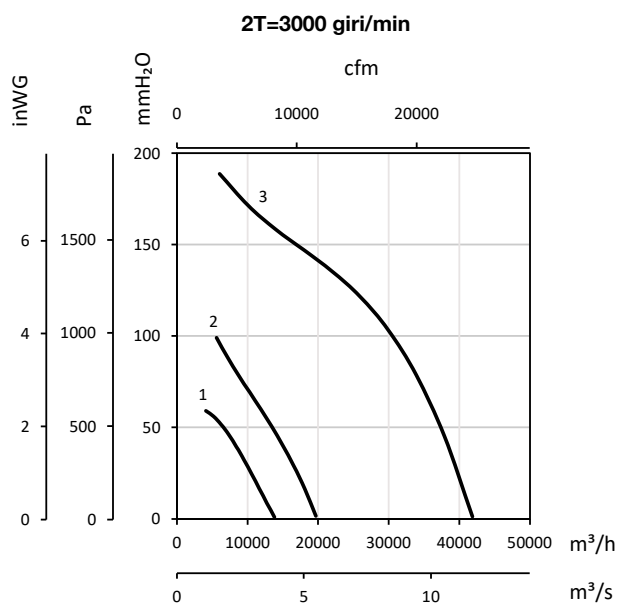
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2 : HCT-31-2

3 : HCT-35-2



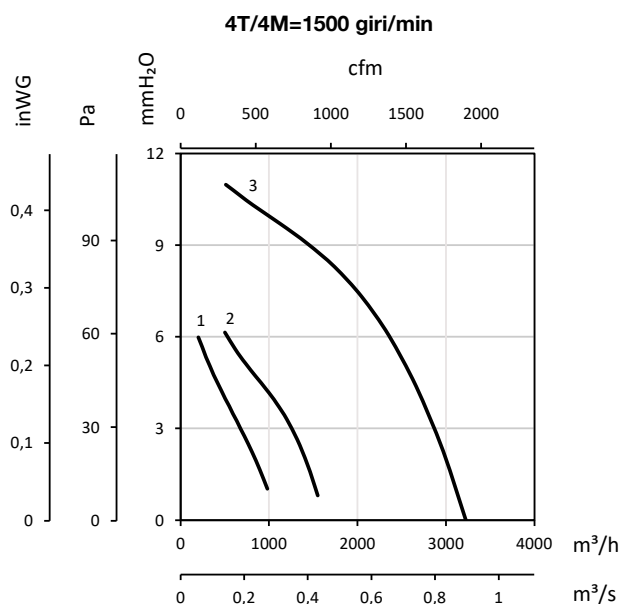
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2 : HCT-45-2T-2

3 : HCT-45-2T-3
4 : HCT-45-2T-4



1 : HCT-50-2T-3
2 : HCT-56-2T-5.5

3 : HCT-63-2T-20



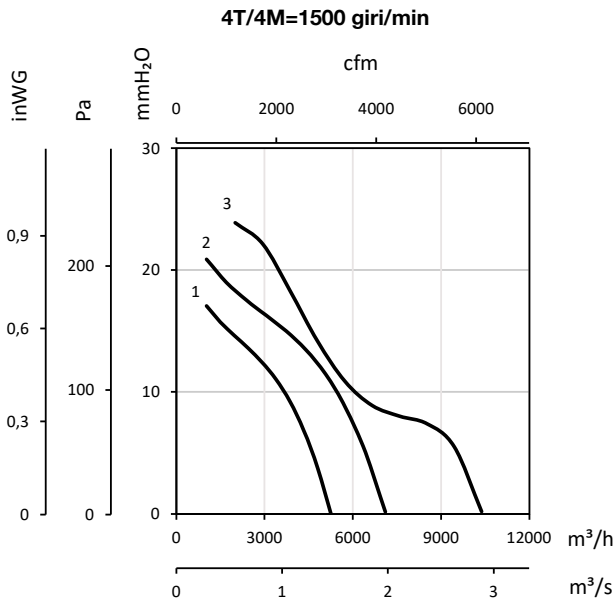
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2 : HCT-31-4

3 : HCT-35-4

Curve caratteristiche

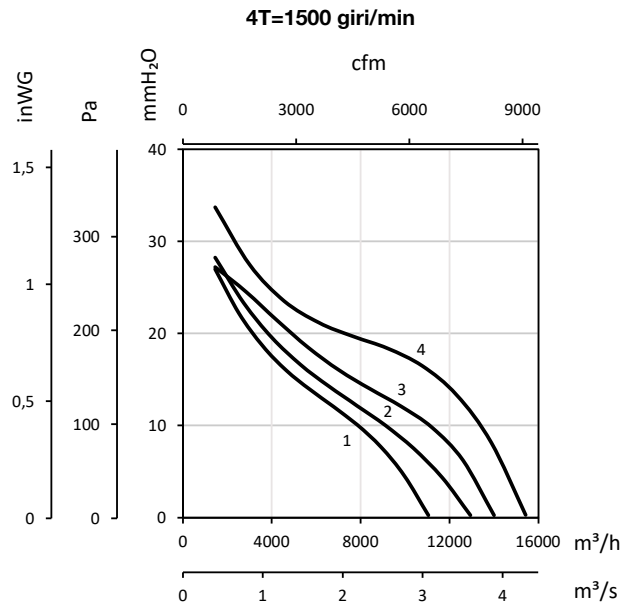
Q= Portata in m³/h, m³/s e cfm

Pe= Pressione statica in mmH₂O, Pa e inWG



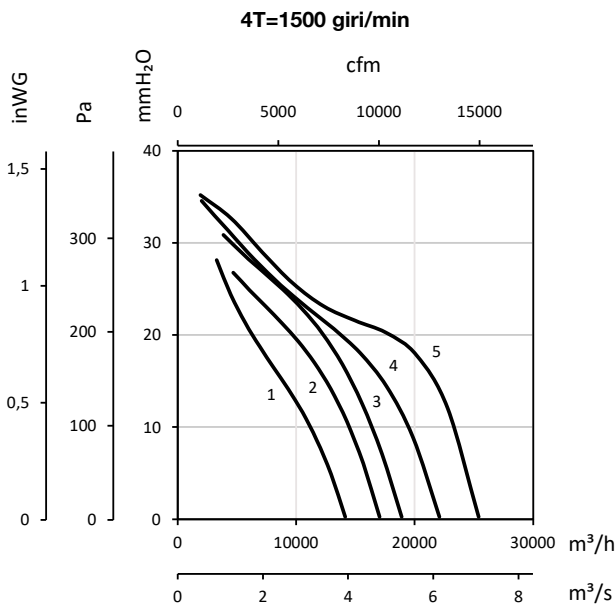
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2 : HCT-45-4T/4M-0.5

3 : HCT-50-4T-0.75



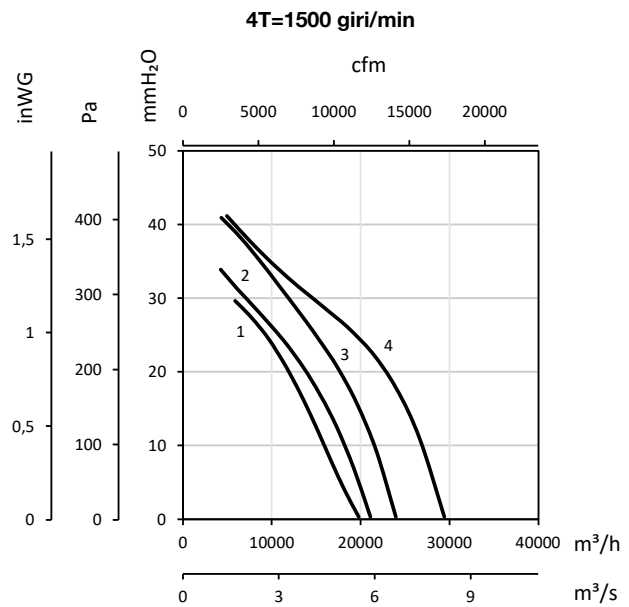
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2 : HCT-56-4T-1

3 : HCT-56-4T-1.5
4 : HCT-56-4T-2



1 : HCT-63-4T-1
2 : HCT-63-4T-1.5
3 : HCT-63-4T-2

4 : HCT-63-4T-3
5 : HCT-63-4T-4



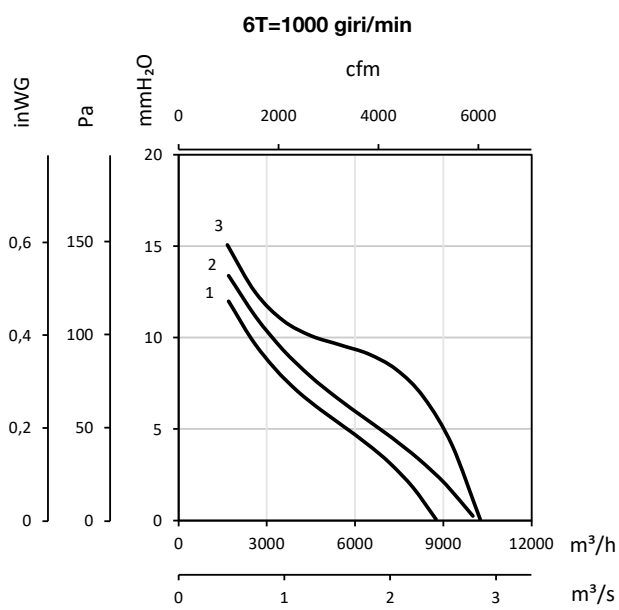
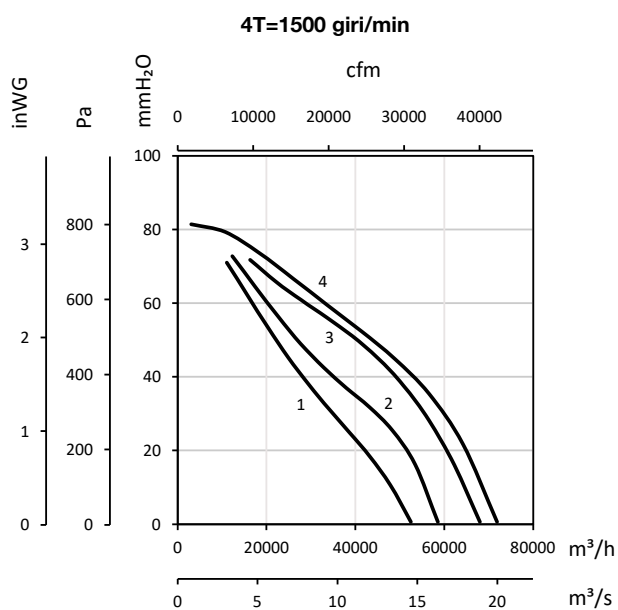
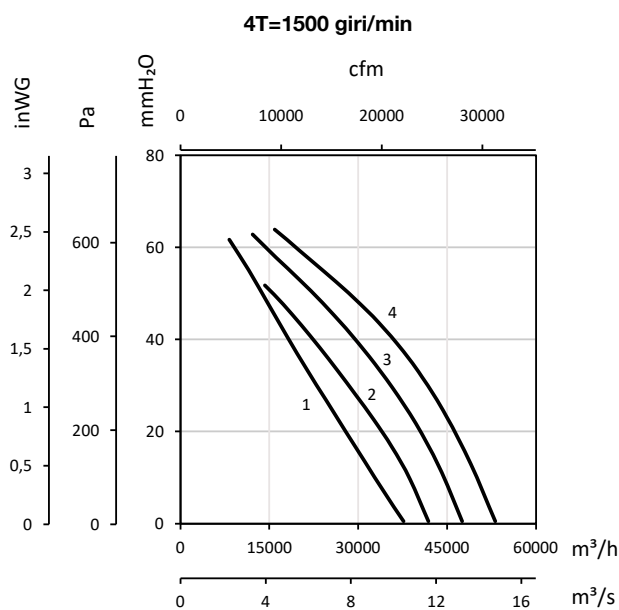
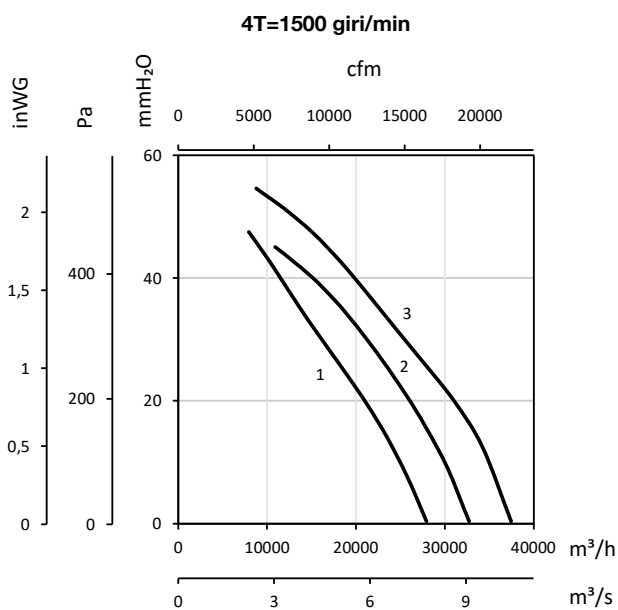
1 : HCT-71-4T-1.5
2 : HCT-71-4T-2

3 : HCT-71-4T-3
4 : HCT-71-4T-4

Curve caratteristiche

Q= Portata in m³/h, m³/s e cfm

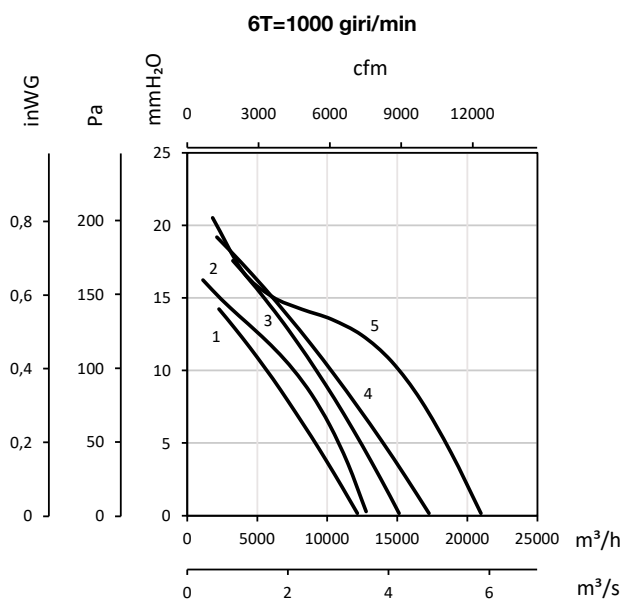
Pe= Pressione statica in mmH₂O, Pa e inWG



Curve caratteristiche

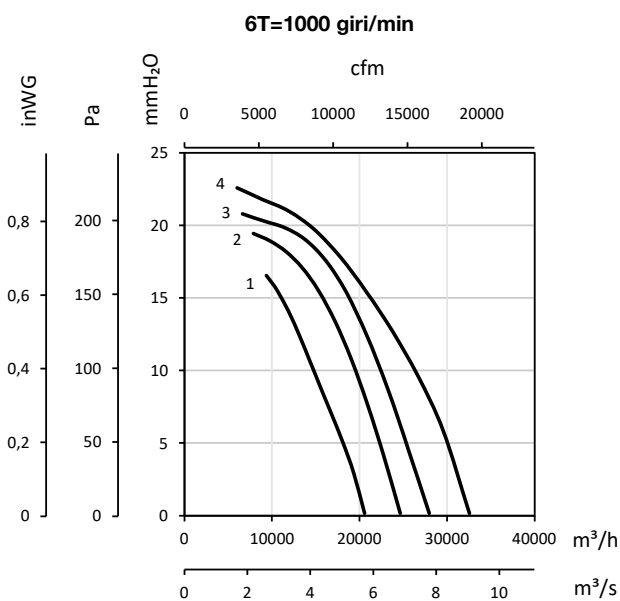
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Pe= Pressione statica in mmH₂O, Pa e inwg



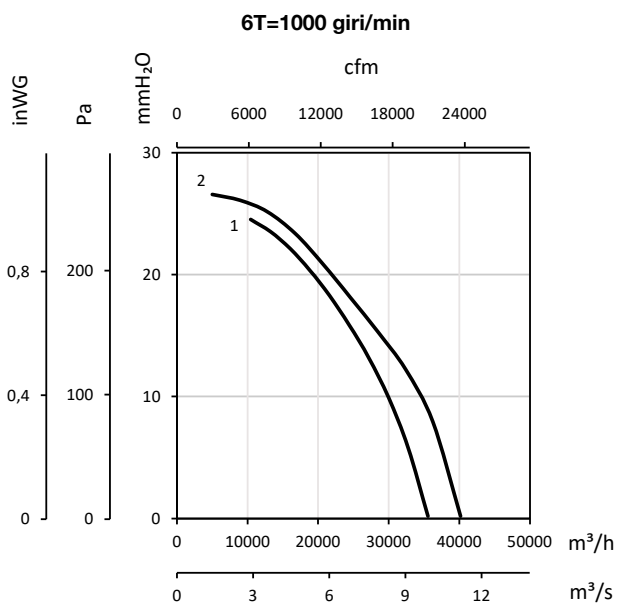
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2 : HCT-63-6T-0.75
3 : HCT-71-6T-0.75

4 : HCT-71-6T-1
5 : HCT-71-6T-1.5



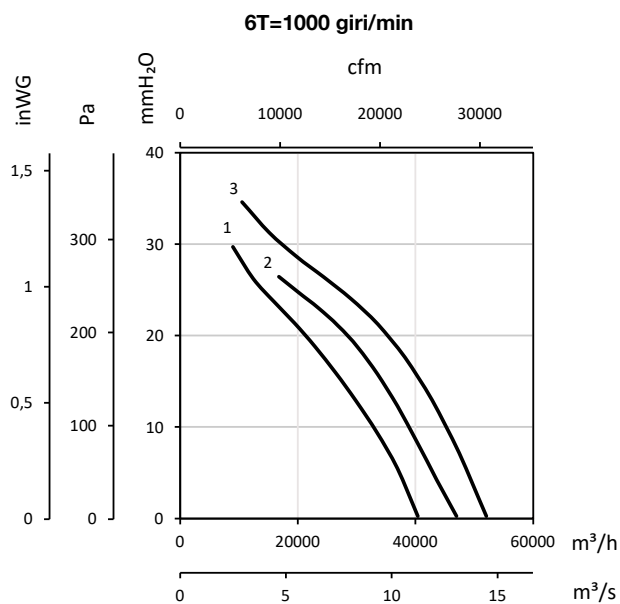
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2 : HCT-80-6T-1.5

3 : HCT-80-6T-2
4 : HCT-80-6T-3



1 : HCT-90-6T-3

2 : HCT-90-6T-4



1 : HCT-100-6T-3
2 : HCT-100-6T-4

3 : HCT-100-6T-5.5