

CMRH



Belt-driven fans fitted with electric motors, a set of standardised pulleys, belts and protectors in accordance with standard ISO-13857 and a heat-resistant compartment with a 150 mm thick mineral fibre coating, for horizontal operation.



Fan:

- Extremely thick sheet steel structure.
- Impeller with reaction blades in extremely robust sheet steel.
- Transmission unit with cast material bearings and support.

Motor:

- IE3 efficiency motors for powers equal to or higher than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V - 50 Hz (up to 4 kW) and 400/690 V - 50 Hz (powers higher than 4 kW).
- Maximum temperature of air to be carried: -20 °C +300 °C.

Finish:

- Treated with heat-resistant paint.

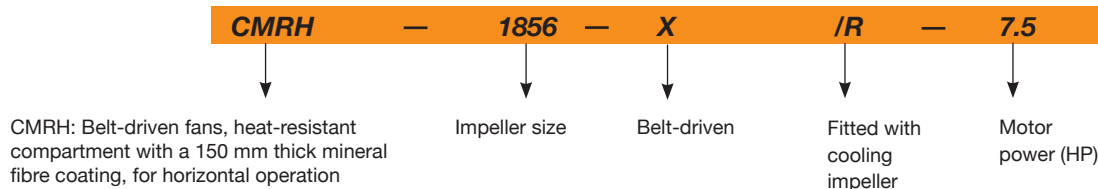
On request:

- Special windings for different voltages.
- Fan made from refractory steel for temperatures up to 400 °C.
- Execution for vertical operation.



External greasers for ease of maintenance.

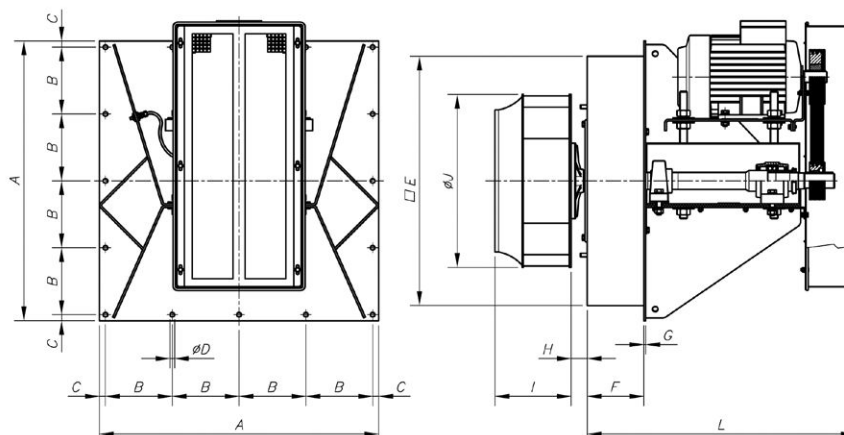
Order code



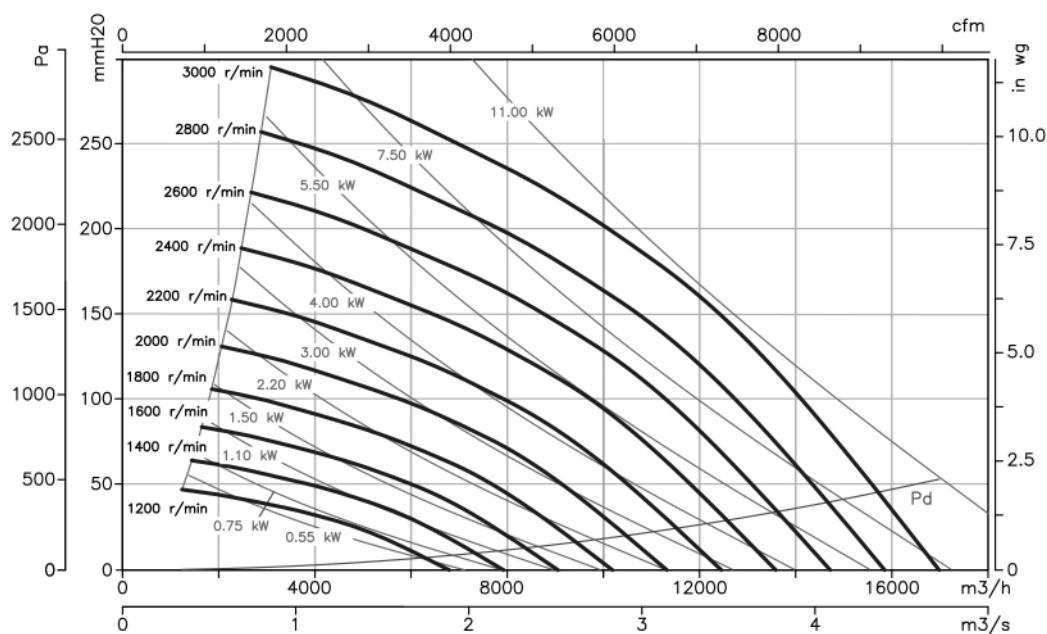
Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)
		230 V	400 V	690 V				
CMRH-1445-X/R-3 IE3	1700	7.93	4.56		2.20	9620	79	204
CMRH-1445-X/R-4 IE3	1910	10.70	6.15		3.00	10810	81	212
CMRH-1445-X/R-5.5 IE3	2120	13.90	8.00		4.00	12000	83	228
CMRH-1650-X/R-4 IE3	1530	10.70	6.15		3.00	9910	80	217
CMRH-1650-X/R-5.5 IE3	1720	13.90	8.00		4.00	11140	82	233
CMRH-1650-X/R-7.5 IE3	1910		10.30	5.97	5.50	12370	84	273
CMRH-1856-X/R-5.5 IE3	1365	13.90	8.00		4.00	14210	79	243
CMRH-1856-X/R-7.5 IE3	1535		10.30	5.97	5.50	15980	81	283
CMRH-1856-X/R-10 IE3	1705		13.90	8.06	7.50	17780	83	273
CMRH-2063-X/R-7.5 IE3	1365		10.30	5.97	5.50	22860	82	288
CMRH-2063-X/R-10 IE3	1515		13.90	8.06	7.50	25370	84	278
CMRH-2063-X/R-15 IE3	1700		20.90	12.10	11.00	28470	86	305
CMRH-2271-X/R-15 IE3	1370		20.90	12.10	11.00	32300	87	350
CMRH-2271-X/R-20 IE3	1540		27.90	16.20	15.00	36300	90	375
CMRH-2380-X/R-25 IE3	1280		35.10	20.30	18.50	43885	83	405
CMRH-2380-X/R-30 IE3	1365		41.00	23.80	22.00	46800	85	422

CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

Dimensions mm

	A	B	C	øD	E	F	G	H	I	øJ	L
CMRH-1445-X/R-3	740	177	16	12	660	150	5	43	202	458	710
CMRH-1445-X/R-4	740	177	16	12	660	150	5	43	202	458	710
CMRH-1445-X/R-5.5	740	177	16	12	660	150	5	43	202	458	710
CMRH-1650-X/R-4	740	177	16	12	660	150	5	43	224	508	710
CMRH-1650-X/R-5.5	740	177	16	12	660	150	5	43	224	508	710
CMRH-1650-X/R-7.5	740	177	16	12	660	150	5	43	224	508	710
CMRH-1856-X/R-4	800	192	16	12	720	150	5	43	245.5	573	816
CMRH-1856-X/R-5.5	800	192	16	12	720	150	5	43	245.5	573	816
CMRH-1856-X/R-7.5	800	192	16	12	720	150	5	43	245.5	573	816
CMRH-2063-X/R-7.5	800	192	16	12	720	150	5	43	274	644	816
CMRH-2063-X/R-10	800	192	16	12	720	150	5	43	274	644	816
CMRH-2063-X/R-15	800	192	16	12	720	150	5	43	274	644	816
CMRH-2271-X/R-15	970	233	20	14	870	150	5	43	295	719	817
CMRH-2271-X/R-20	970	233	20	14	870	150	5	43	295	719	817
CMRH-2380-X/R-25	970	232.5	20	14	870	150	5	53.5	400	810	902
CMRH-2380-X/R-30	970	232.5	20	14	870	150	5	53.5	400	810	902

Characteristic curvesQ= Flow rate in m³/h, m³/s and cfmPe= Static pressure in mm H₂O, Pa and inwg**CMRH 1445**

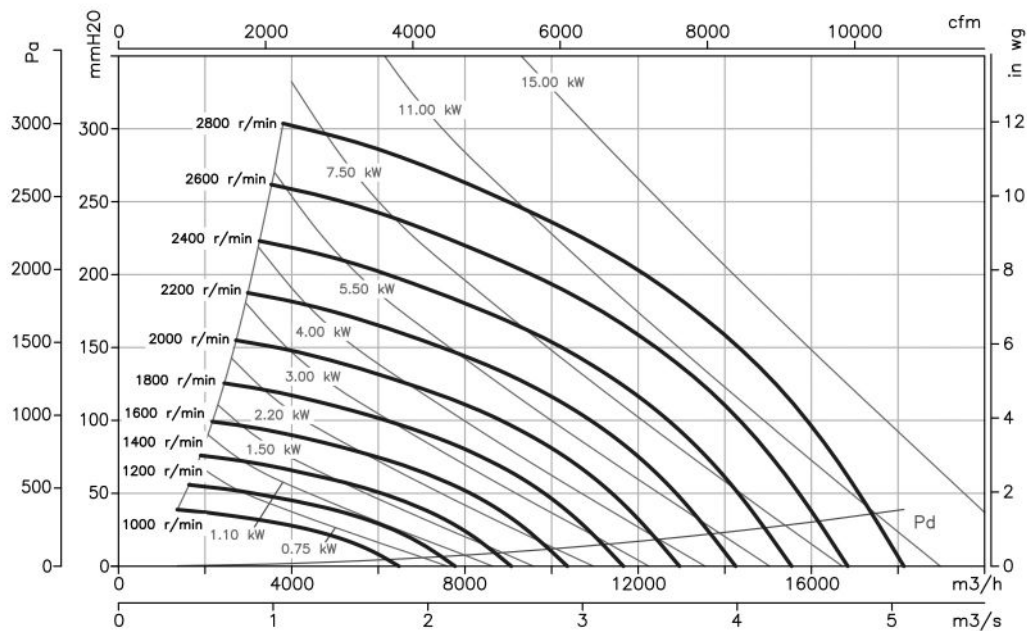


Characteristic curves

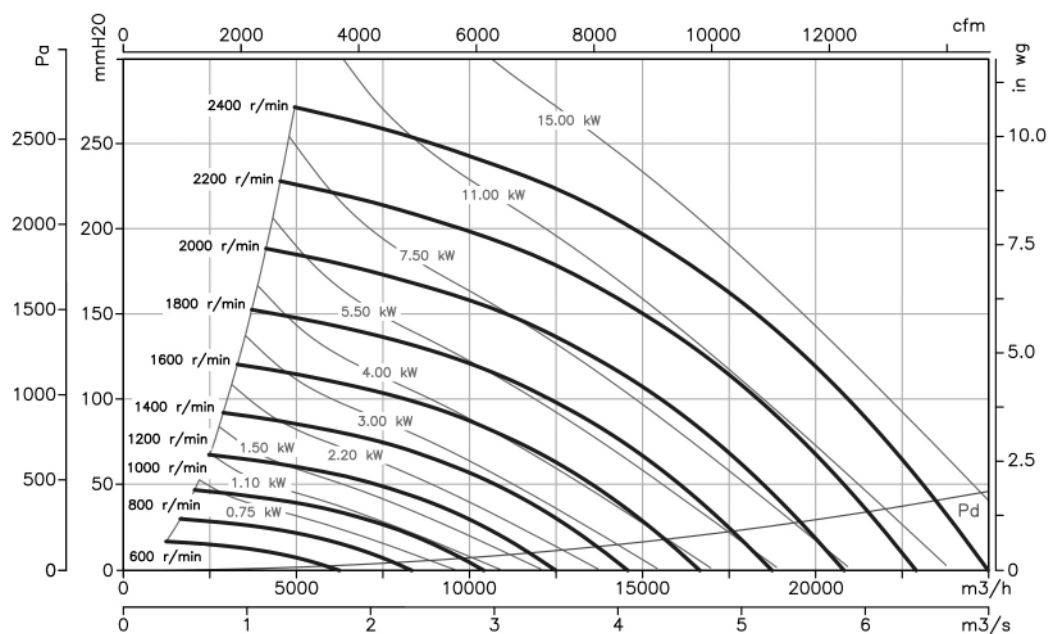
Q= Flow rate in m³/h, m³/s and cfm

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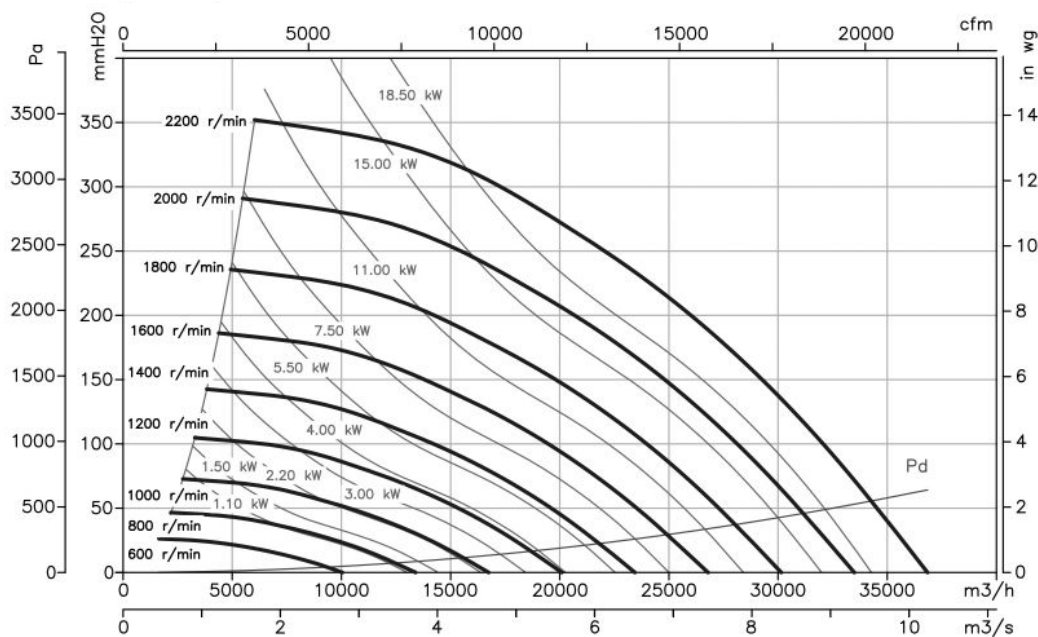
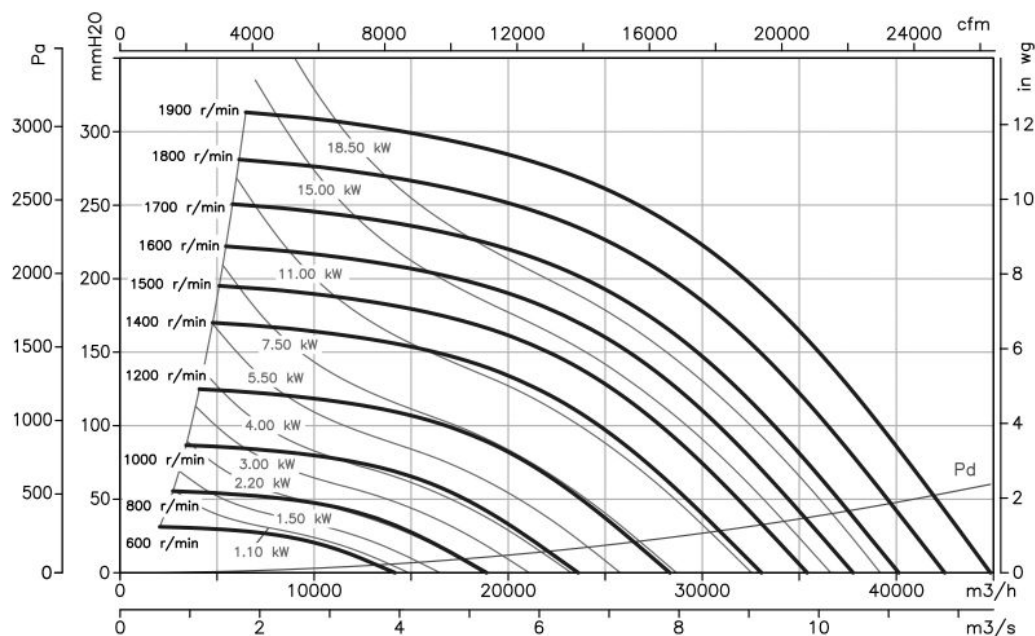
CMRH 1650



CMRH 1856



CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

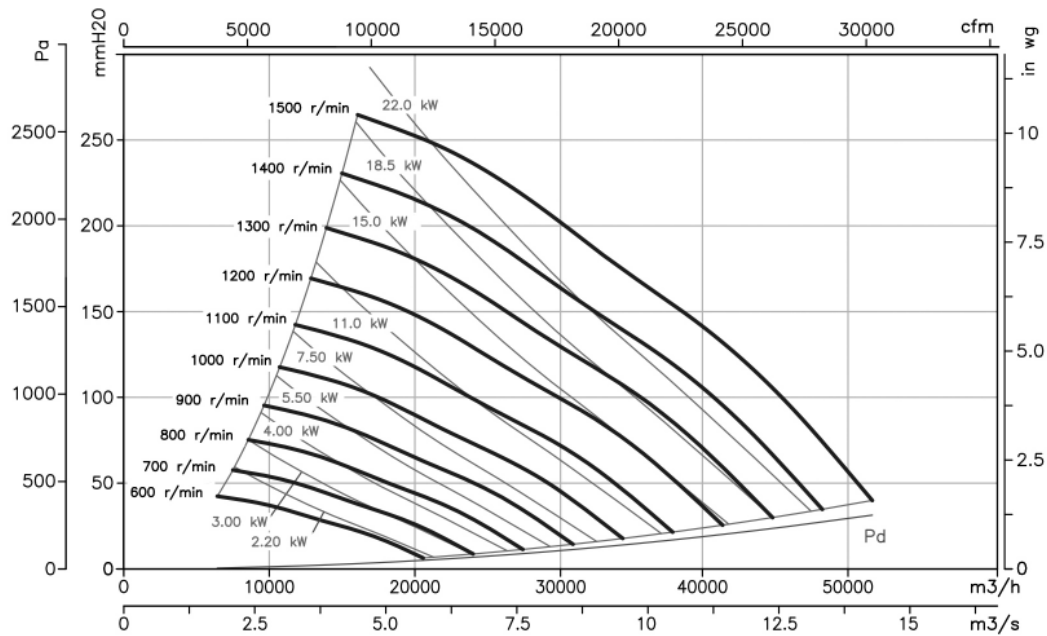
Characteristic curvesQ= Flow rate in m³/h, m³/s and cfmPe= Static pressure in mm H₂O, Pa and inwg**CMRH 2063****CMRH 2271**

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

CMRH 2380



Accessories

See accessories section.

