



ATEX explosion proof fans type ATEX HMX

ATEX LONG CASE AXIAL

Brand

Axair

Application

Designed for wall or duct installation, they are suitable for:

- Air renewal in buildings and industries.
- Smoke extraction (max 45-50°C).
- Maximum working temperature: 50°C
- Ventilation in indoor environments classified as ATEX

Composition

- Reinforced fan casing manufactured in rolling steel sheet.
- Motor-impeller modular assembly for complete versatility.
- Polyester powder finishing coat.
- Cast aluminium impeller with variable pitch angle.
- ATEX standard asynchronous motor. ATEX certified: II2G Ex-d, Ex-e / II3G Ex-nA.
- IP55 protection and class F insulation.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

Options

- B-form or 100% reversible impeller.
- 60 Hz fans and special voltages.
- ATEX classification for other areas
- Bigger fan sizes.

Type	Technical data							
	Diam. Ø mm	Poles	R.P.M. min ⁻¹	Rated Current @ 400V A	Rated Power kW	Air flow m3/h	Sound dB(A)	Weight kg
Three phase motor, 3~, 400 V, 50/60 Hz, 2 poles								
HMX 40 T2 1,10 kW	400	2	2830	2.6	1.1	7850	64	22
HMX 45 T2 1,50 kW	450	2	2850	3.95	1.5	9750	69	23
HMX 45 T2 2,20 kW	450	2	2840	5.4	2.2	12160	69	24
Three phase motor, 3~, 400 V, 50/60 Hz, 4 poles								
HMX 40 T4 0,25 kW	400	4	1400	0.84	0.25	4660	48	25
HMX 45 T4 0,37 kW	450	4	1410	1.2	0.37	6600	49	21
HMX 50 T4 0,55 kW	500	4	1430	1.75	0.55	8750	59	26
HMX 56 T4 0,55 kW	560	4	1430	1.75	0.55	8680	67	29
HMX 56 T4 0,75 kW	560	4	1410	2.1	0.75	10810	56	30
HMX 56 T4 1,10 kW	560	4	1420	3.3	1.1	12520	57	34
HMX 56 T4 1,50 kW	560	4	1415	3.8	1.5	14600	60	36
HMX 63 T4 0,75 kW	630	4	1410	2.1	0.75	12020	67	39
HMX 63 T4 1,10 kW	630	4	1420	3.3	1.1	14740	56	43
HMX 63 T4 1,50 kW	630	4	1415	3.8	1.5	16610	62	45
HMX 63 T4 2,20 kW	630	4	1440	5.8	2.2	18630	58	56
HMX 71 T4 1,10 kW	710	4	1420	3.3	1.1	16800	70	47
HMX 71 T4 1,50 kW	710	4	1415	3.8	1.5	19960	62	50
HMX 71 T4 3,00 kW	710	4	1440	5.8	2.2	23200	69	65
HMX 71 T4 3,00 kW	710	4	1420	6.8	3	25160	62	67
HMX 80 T4 3,00 kW	800	4	1420	6.8	3	31090	72	73
HMX 80 T4 4,00 kW	800	4	1450	9.1	4	34000	67	78
Three phase motor, 3~, 400 V, 50/60 Hz, 6 poles								
HMX 50 T6 0,25 kW	500	6	910	1	0.25	5960	53	26
HMX 56 T6 0,25 kW	560	6	910	1	0.25	7700	58	26
HMX 56 T6 0,37 kW	560	6	940	1.4	0.37	8770	50	28
HMX 63 T6 0,37 kW	630	6	940	1.4	0.37	10760	55	37
HMX 63 T6 0,55 kW	630	6	930	2	0.55	12050	51	39
HMX 71 T6 0,75 kW	710	6	930	2.2	0.75	16250	53	50
HMX 80 T6 0,75 kW	800	6	930	2.2	0.75	18300	61	62
HMX 80 T6 1,10 kW	800	6	910	3.2	1.1	20550	63	64
HMX 80 T6 1,50 kW	800	6	940	4	1.5	22970	58	70
HMX 80 T6 2,20 kW	800	6	930	5.2	2.2	25190	57	75