

HJEPA

AXIAL FANS



GENERAL FEATURES:

Range of 4 fan models, from Ø 200 to Ø 350, supplied with single phase 4 pole motors. Air-flow from 500 m³/h to 1.825 m³/h. Maximum working temperature of 50°C in single phase models.

APPLICATION:

Designed for wall assembly, HJEPA fans are suitable for:
· General ventilation in buildings, shops and industries.

MANUFACTURING FEATURES:

- Polipropilene square plate reinforced with fibreglass. High resistance against corrosion.
- Aluminium sheet impeller with epoxy powder finishing coat.
- Supplied with motor support and protection grid according to the UNE-EN 294 standard.
- Shadow coil asynchronous motor with Electromagnetic Compatibility Certification (EMC) according to the EN 55014, EN 61000-3-2 (95) and EN 61000-3-3 (95) Standards; rated Class F isolation and IP-42 protection according to the Standard DIN40050.

SINGLE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P €
			230	400					
265200103	HJEPA 20 M4	1.300	0,2	-	0,030	500	37	1,5	88,80
265250103	HJEPA 25 M4	1.300	0,35	-	0,056	900	42	2,5	103,00
265310103	HJEPA 30 M4	1.300	0,55	-	0,077	1.350	47	3,5	125,00
265350103	HJEPA 35 M4	1.300	0,7	-	0,075	1.825	50	4	149,40

ACCESSORIES



REG



INT



PE



RPO



PC



PCP



TLR

HJBPA

PLATE AXIAL FANS



GENERAL FEATURES:

Range of 7 fan models, from Ø 300 to Ø 620, provided with single phase and three phase 4 and 6 pole motors. Airflow from 1.950 m³/h to 15.000 m³/h. Maximum working temperature of 50°C in single phase models and 60°C in three phase models.

MANUFACTURING FEATURES:

- Polipropilene square plate reinforced with fibreglass. High resistance against corrosion.
- MODEL 62 ONLY AVAILABLE IN STEEL SHEET PLATE and epoxy powder finishing coat.
- Variable pitch angle poliamide impeller reinforced with fibreglass.
- Supplied with motor support and protection grid according to the **ROHS 2002/95/EC** Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS:

Specially designed for wall assembly, HJBPA fans are suitable for:

- General ventilation.
- Vitiated air renewal in buildings, shops and all kind of industries.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller.
- 60Hz fans and special voltages.
- Thermal protection.



SINGLE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P €
			230	400					
268300103	HJBPA 30 M2/H 1/3	2.860	1,91	-	0,25	3.600	72	6	258,20
268310103	HJBPA 30 M4/L 1/8	1.310	1,32	-	0,1	1.950	51	5,5	246,00
268320103	HJBPA 30 M4/H 1/6	1.310	1,42	-	0,12	2.400	54	5,6	272,80
268350103	HJBPA 35 M2/H 1/2	2.860	2,93	-	0,37	6.000	75	7,5	291,40
268360103	HJBPA 35 M4/L 1/8	1.400	1,32	-	0,1	2.900	55	6,5	268,50
268370103	HJBPA 35 M4/H 1/6	1.310	1,42	-	0,12	3.400	59	6,6	281,20
268400103	HJBPA 40 M4/L 1/6	1.310	1,42	-	0,12	4.000	60	7,5	271,90
268410103	HJBPA 40 M4/H 1/3	1.340	1,91	-	0,25	5.200	62	7,7	292,70
268420103	HJBPA 40 M6/H 1/6	960	1,15	-	0,12	3.900	54	9	318,70
268450106	HJB 45 T4/L 1/3	1.340	1,6	-	0,25	5.900	64	12	391,10
266350103	HJB 45 M4/H 1/2	1.420	2,79	-	0,37	7.300	65	12,5	396,80
266360103	HJB 45 M6/H 1/6	960	1,15	-	0,12	5.400	58	13	388,20
300398900	HJB 50 M4/L 1/2	2.860	2,93	-	0,37	7.200	66	14	452,50
266400103	HJB 50 M4/H 3/4	1.350	4,57	-	0,55	10.200	69	15	470,80
266410103	HJB 50 M6/H 1/3	860	2,13	-	0,25	6.450	60	18	443,40
300176300	HJB 56 M4/L 3/4	1.350	4,57	-	0,55	11.000	71	19	482,20
266450103	HJB 56 M4/H 1,5	1.370	7,38	-	1,1	13.000	73	22	505,80
266460103	HJB 56 M6/H 1/3	860	2,13	-	0,25	7.900	61	19	491,80
300308400	HJB 62 M4/L 1	1.365	5,9	-	0,75	15.000	77	23	674,80
300308500	HJB 62 M6/L 3/4	910	4,2	-	0,55	10.000	67	21	760,10

THREE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	W. Kg.	R.R.P €
			230	400					
268300106	HJBPA 30 T2/H 1/3	2.860	1,40	0,81	0,25	3.600	72	6	248,30
268310106	HJBPA 30 T4/L 1/8	1.310	0,64	0,33	0,1	1.950	51	5,5	239,80
268320106	HJBPA 30 T4/H 1/6	1.310	0,74	0,43	0,12	2.400	54	5,6	249,40
268350106	HJBPA 35 T2/H 1/2	2.860	1,25	0,72	0,37	6.000	75	7,5	285,40
268360106	HJBPA 35 T4/L 1/8	1.400	0,64	0,33	0,1	2.900	55	6,5	266,50
268370106	HJBPA 35 T4/H 1/6	1.310	0,74	0,43	0,12	3.400	59	6,6	266,50
268400106	HJBPA 40 T4/L 1/6	1.310	0,74	0,43	0,12	4.000	60	7,5	266,30
268410106	HJBPA 40 T4/H 1/3	1.340	1,4	0,81	0,25	5.200	62	7,7	284,90
268420106	HJBPA 40 T6/H 1/6	860	1,02	0,59	0,12	3.900	54	9	314,50
300191800	HJB 45 T4/L 1/3	1.340	1,4	0,8	0,25	5.900	64	12	381,60
266350106	HJB 45 T4/H 1/2	1.420	2,1	1,2	0,37	7.300	65	12,5	389,50
266360106	HJB 45 T6/H 1/6	860	1,02	0,59	0,12	5.400	58	13	377,80
300160200	HJB 50 T4/L 1/2	2.860	1,25	0,72	0,37	7.200	66	14	448,40
266400106	HJB 50 T4/H 3/4	1.350	2,45	1,42	0,55	10.200	69	15	450,00
266410106	HJB 50 T6/H 1/3	860	1,82	1,05	0,25	6.450	60	18	435,60
300172600	HJB 56 T4/L 3/4	1.350	2,45	1,42	0,55	11.000	71	19	451,60
266450106	HJB 56 T4/H 1,5	1.370	4,65	2,69	1,1	13.000	73	22	454,40
266460106	HJB 56 T6/H 1/3	860	1,82	1,05	0,25	7.900	61	19	445,00
300308600	HJB 62 T4/L 1	1.400	3,67	2,12	0,75	15.000	77	23	597,10
300308700	HJB 62 T6/L 3/4	900	3,46	2	0,55	10.000	67	21	648,90

NOTE: DOUBLE STAR (**) INDICATES STEEL SHEET IMPELLER AND FRAME

Air sense from impeller to motor or reversible impeller: add 5% to the RRP.

ACCESSORIES



HJRE

COMPACT AXIAL FANS



GENERAL FEATURES:

Range of 5 fan models, from Ø 350 to Ø 560, provided with single phase and three phase 4 pole motors.
Airflow from 3.280 m³/h to 9.350 m³/h.
Maximum working temperature of 50°C in single phase models and 55°C in three phase models.

MANUFACTURING FEATURES:

- Steel sheet frame and impeller with epoxy powder finishing coat.
- Supplied with motor support and protection grid according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
- External rotor motor with IP-44 protection.

Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS:

Specially designed for wall assembly, HJRE fans are suitable for:

- General ventilation.
- Vitiated air renewal in buildings, shops and all kind of industries.

SINGLE PHASE RANGE

Model	R.P.M. max.	Max. Current (A)		O. P. Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P €
		230	400					
HJRE 35 M4	1380	0,68	-	0,15	3278	52	4,7	234,10
HJRE 40 M4	1390	0,76	-	0,18	4510	57	6,1	237,10
HJRE 45 M4	1390	1,05	-	0,25	6248	61	6,9	341,00
HJRE 50 M4	1360	1,7	-	0,42	7150	63	9,5	394,50
HJRE 56 M4	1380	2,17	-	0,53	9350	68	10,5	420,40

THREE PHASE RANGE

Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	W. Kg.	R.R.P €
		230	400					
HJRE 40 T4	1390	0,43	0,74	0,18	4510	57	6,1	232,10
HJRE 45 T4	1390	0,52	0,9	0,21	6248	61	6,9	332,70
HJRE 50 T4	1380	0,97	1,68	0,38	7238	63	9,5	390,90
HJRE 56 T4	1380	0,97	1,68	0,38	9350	68	10,5	393,70

ACCESSORIES



REG



RVA



RFS



INT



PE



ASD



RPO



PC



PCP



TLR

HJB

PLATE AXIAL FANS



GENERAL FEATURES:

Range of 3 fan models, from Ø 800 to Ø 1200, provided with three phase 4 pole motors.
Air-flow from 32.000 m³/h to 45.000 m³/h.
Maximum working temperature of 50°C.

MANUFACTURING FEATURES:

- Completely made of galvanised steel sheet.
- Equipped with gravity shutter.
- Galvanised steel sheet impeller.
- Protection grid on pulley area.
- Standard asynchronous squirrel-cage motor with IP-55 protection and class F insulation.
- Manufactured with standard voltage: 230/400V 50Hz.

APPLICATIONS:

- Specially designed for wall assembly, HJB fans are suitable for:
- General ventilation.
 - Shift of large air volumes with low noise levels.
 - Vitiated air renewal in any type of closed premises.
 - Farms and greenhouses.

THREE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	W. Kg.	R.R.P €
			230	400					
266790106	HJB 80 T4 3/4	450	2,8	1,6	0,55	32.000	60	58	711,30
266820106	HJB 100 T4 1	450	3,5	2	0,75	37.000	61	68	819,50
266810162	HJB 120 T4 1,5	450	4,8	2,8	1,1	45.000	63	88	898,80

ACCESSORIES



RFS

ASD

INT

PE

TLR

HA

PLATE AXIAL FANS



GENERAL FEATURES:

Range of 3 fan models, from Ø 240 to Ø 1250, provided with single phase and three phase 4 and 6 pole motors. Air-flow from 980 m³/h to 5.500 m³/h.

Maximum working temperature of 50°C in single phase models and 60°C in three phase models.

MANUFACTURING FEATURES:

- Compact housing made of L-2630 aluminium (Al.8 Si 3 Cu), protected against corrosion with epoxy powder finishing coat.
- Polyamide impeller with fixed pitch angle reinforced with fibreglass.
- Standard asynchronous squirrel-cage motor with IP-54 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS:

Specially designed for wall or duct assembly, HA fans are suitable for:

- General ventilation.
- Vitiated air renewal in buildings and industries.
- Steam and smoke extraction.

UNDER REQUEST:

- 60Hz fans and special voltages.
- Cast aluminium impeller.

SINGLE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. P. Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P €
			230	400					
262070120	HA 24 M2 1/12	2.870	0,6	-	0,060	2.100	65	3,5	204,50
262250103	HA 24 M4 1/15	1.470	0,5	-	0,050	980	50	3,5	207,10
262100120	HA 28 M2 1/10	2.800	0,9	-	0,075	2.500	70	3,5	209,50
262280103	HA 28 M4 1/12	1.460	0,65	-	0,060	1.500	52	3,5	212,20
262310103	HA 35 M4 1/10	1.460	0,7	-	0,075	3.000	60	5,5	253,10
262500103	HA 35 M6 1/15	970	0,7	-	0,050	2.000	47	5,5	282,40

THREE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	W. Kg.	R.R.P €
			230	400					
262070106	HA 24 T2 1/12	2.900	0,45	0,26	0,060	2.100	65	3,5	199,20
262250106	HA 24 T4 1/15	1.480	0,5	0,3	0,050	980	50	3,5	199,80
262100106	HA 28 T2 1/10	2.840	0,6	0,32	0,075	2.500	70	3,5	204,30
262280106	HA 28 T4 1/12	1.435	0,5	0,31	0,060	1.500	52	3,5	204,80
262140106	HA 35 T2 1/2	2.800	1,4	0,8	0,370	5.500	77	6,5	239,00
262310106	HA 35 T4 1/10	1.470	0,6	0,35	0,075	3.000	60	5,5	244,20
262500106	HA 35 T6 1/15	980	0,8	0,45	0,050	2.000	47	5,5	274,20

ACCESSORIES



HB-HBA

PLATE AXIAL FANS



HB



HBA

GENERAL FEATURES:

Range of 9 fan models, from Ø 450 to Ø 1250, provided with single phase 4 and 6 pole motors and three phase 2, 4 and 6 pole motors. Air-flow from 5.200 m³/h to 109.000 m³/h. Maximum working temperature of 50°C in single phase models and 60°C in three phase models.

MANUFACTURING FEATURES:

- Plate axial fan with circular reinforced frame.
- Motor-impeller modular assembly for complete versatility.
- Epoxy powder finishing coat.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase, motors up to 5,5HP and 400/690V 50Hz for higher powers.

HB:

- Polyamide impeller with variable pitch angle reinforced with fibreglass

HBA:

- Cast aluminium impeller with variable pitch angle.

APPLICATIONS:

- Specially designed for wall or duct assembly, HB fans are suitable for:
- General ventilation.
- Vitiated air renewal in buildings and industries.
- Smoke extraction.
- Fresh air injection in premises, buildings and industries.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller.
- 60Hz fans and special voltages.
- Hot-dipped galvanized or stainless steel housing.
- Optional square plate in circular frame.

SINGLE PHASE RANGE

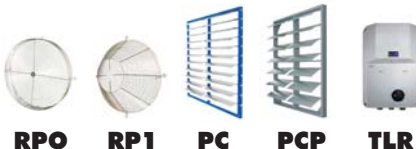
Code	Model	R.P.M. max.	Max. C. (A)		O. P. Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P € Polyamide	R.R.P € Aluminium
			230	400						
260470x03	HB 45 M4 1/2	1.330	2,77	-	0,37	7.200	68	15	379,10	491,60
260480x03	HB 45 M6 1/6	880	3	-	0,12	5.200	54	14	339,20	465,40
260500x03	HB 50 M4 3/4	1.370	4,38	-	0,55	8.500	70	17	407,90	480,10
260510x03	HB 50 M6 1/3	900	3,2	-	0,25	6.000	58	18	485,10	509,30
260560x03	HB 56 M4 3/4	1.370	4,38	-	0,55	10.000	73	21	425,30	485,40
260600x03	HB 56 M6 1/3	880	3	-	0,25	7.000	61	19	448,80	471,20
260680x03	HB 63 M6 1/2	900	3,2	-	0,37	10.000	63	24	507,20	632,90
260760x03	HB 71 M6.3/4	910	4,2	-	0,55	15.000	68	29	582,30	719,60

x=1 Polyamide (HB)
x=2 Aluminium (HBA)

Air sense from impeller to motor or reversible impeller: add 5% to the RRP.

60Hz 260/440V-440/790V: add 10% (only three phase models) to the RRP

ACCESSORIES



THREE PHASE RANGE

Code	Model	R.P.M. max.	Max. 230	Current (A) 400	690	O. Power Kw	Air Flow m³/h	Sound dB (A)	Weight Kg.	R.R.P € Polyamide	R.R.P € Aluminium
260450x06	HB 45 T2 2	2.860	6,25	3,61	-	1,5	12.100	85	23	414,70	499,20
260460x06	HB 45 T2 3	2.860	8,28	4,78	-	2,2	13.500	87	26	477,30	575,70
260470x06	HB 45 T4 1/2	1.360	1,82	1,05	-	0,37	7.500	67	15	351,00	456,20
260480x06	HB 45 T6 1/6	880	1,89	1,09	-	0,12	5.200	54	14	314,10	439,20
260500x06	HB 50 T4 3/4	1.410	2,46	1,42	-	0,55	8.500	70	17	377,70	470,10
260510x06	HB 50 T6 1/3	940	2,23	1,29	-	0,25	5.900	58	18	449,20	474,60
260560x06	HB 56 T4 3/4	1.410	2,46	1,42	-	0,55	10.500	73	19	393,80	479,60
260570x06	HB 56 T4 1	1.400	3,67	2,12	-	0,75	11.800	74	22	415,80	495,80
260580x06	HB 56 T4 1,5	1.400	4,66	2,69	-	1,1	13.300	75	26	442,10	542,50
260590x06	HB 56 T4 2	1.420	6,46	3,73	-	1,5	15.000	76	28	491,10	597,00
260600x06	HB 56 T6 1/3	880	1,89	1,09	-	0,25	7.000	62	19	415,50	474,70
260610x06	HB 56 T6 1/2	940	2,23	1,29	-	0,37	8.000	62	20	473,70	536,00
260620x06	HB 56 T6 3/4	900	3,46	2	-	0,55	9.300	63	22	519,10	545,00
260630x06	HB 63 T4 1	1.400	3,67	2,12	-	0,75	13.400	72	26	451,80	610,10
260640x06	HB 63 T4 1,5	1.400	4,66	2,69	-	1,1	15.800	73	30	493,90	585,10
260650x06	HB 63 T4 2	1.420	6,46	3,73	-	1,5	17.200	74	32	587,50	659,40
260660x06	HB 63 T4 3	1.390	8,83	5,1	-	2,2	18.700	75	41	672,60	715,40
260670x06	HB 63 T4 4	1.400	11,78	6,8	-	3	20.000	76	43	698,80	760,60
260680x06	HB 63 T6 1/2	900	2,23	1,29	-	0,37	11.500	63	24	440,80	572,30
260690x06	HB 63 T6 3/4	900	3,46	2	-	0,55	12.100	64	26	533,70	628,50
260700x06	HB 63 T6 1	910	4,21	2,43	-	0,75	13.000	65	33	635,40	667,10
260710x06	HB 71 T4 1,5	1.400	4,66	2,69	-	1,1	21.000	78	33	488,80	633,60
260720x06	HB 71 T4 2	1.420	6,46	3,73	-	1,5	21.400	79	35	594,20	704,30
260730x06	HB 71 T4 3	1.390	8,83	5,1	-	2,2	23.000	80	45	708,50	778,10
260740x06	HB 71 T4 4	1.400	11,78	6,8	-	3	24.500	81	47	739,80	826,90
260760x06	HB 71 T6 3/4	900	3,46	2	-	0,55	15.000	66	34	539,10	683,80
260770x06	HB 71 T6 1	910	4,21	2,43	-	0,75	17.000	67	36	578,50	722,40
260780x06	HB 71 T6 1,5	920	5,07	2,93	-	1,1	18.400	68	38	614,20	778,10
260800x06	HB 80 T4 3	1.390	8,83	5,1	-	2,2	27.500	83	53	831,80	929,70
260810x06	HB 80 T4 4	1.400	11,78	6,8	-	3	31.250	84	55	859,40	963,70
260820x06	HB 80 T4 5,5	1.440	15,42	8,9	-	4	35.500	85	60	966,90	1.151,10
260830x06	HB 80 T6 1	910	4,21	2,43	-	0,75	22.500	70	44	729,90	838,00
260840x06	HB 80 T6 1,5	920	5,07	2,93	-	1,1	24.900	73	46	777,50	886,50
260850x06	HB 80 T6 2	940	7,31	4,22	-	1,5	26.250	74	52	800,00	904,10
260860x06	HB 80 T6 3	950	9,53	5,5	-	2,2	28.750	75	57	879,80	1.005,70
260900x06	HB 90 T4 4	1.400	11,78	6,8	-	3	35.000	87	61	957,00	1.068,90
260910x06	HB 90 T4 5,5	1.440	15,42	8,9	-	4	40.500	88	66	963,10	1.122,80
260920x06	HB 90 T4 7,5	1.440	-	11,8	6,81	5,5	46.250	90	82	1.117,80	1.331,20
260930x06	HB 90 T4 10	1.450	-	17	9,81	7,5	51.000	91	93	1.215,70	1.501,20
260940x06	HB 90 T6 2	940	7,31	4,22	-	1,5	28.750	78	58	849,30	1.068,00
260950x06	HB 90 T6 3	950	9,53	5,5	-	2,2	33.000	79	63	923,90	1.112,80
260960x06	HB 90 T6 4	950	12,33	7,12	-	3	37.000	80	87	1.074,30	1.245,10
260100x06	HB 100 T4 7,5	1.440	-	11,8	6,81	5,5	48.000	92	90	1.283,40	1.451,40
260110x06	HB 100 T4 10	1.450	-	17	9,81	7,5	54.500	92	101	1.420,70	1.603,00
260120x06	HB 100 T4 15	1.450	-	24	13,9	11	62.000	93	124	1.986,50	2.090,60
260130x06	HB 100 T4 20	1.455	-	33	19,1	15	67.500	94	139	2.088,40	2.192,80
260140x06	HB 100 T6 3	950	9,53	5,5	-	2,2	34.000	82	71	1.231,70	1.298,60
260150x06	HB 100 T6 4	950	12,33	7,12	-	3	43.000	83	95	1.379,90	1.519,00
260160x06	HB 100 T6 5,5	950	16,11	9,3	-	4	51.000	84	103	1.592,90	1.774,90
270020x06	HB 125 T4 15	1.450	-	22,34	12,9	11	82.000	91	245	2.982,00	3.858,50
270030x06	HB 125 T4 20	1.450	-	30,59	17,68	15	92.000	91	265	3.107,10	4.006,00
270040x06	HB 125 T4 25	1.462	-	37,5	21,67	18,2	96.000	92	330	3.426,60	4.349,70
270050x06	HB 125 T4 30	1.467	-	44,4	25,66	22	109.000	92	430	3.611,80	4.460,90
270060x06	HB 125 T6 4	900	11,9	6,9	-	3	54.000	82	330	2.407,90	3.128,30
270070x06	HB 125 T6 5,5	960	15,05	8,7	-	4	60.000	83	335	2.616,20	3.361,60
270080x06	HB 125 T6 10	970	-	15,4	8,9	7,5	70.000	85	380	2.982,00	3.757,30
270090x06	HB 125 T6 15	970	-	23,3	13,46	11	82.000	87	395	3.125,60	3.937,90

x=1 Polyamide (HB)
x=2 Aluminium (HBA)

Air sense from impeller to motor or reversible impeller: add 5% to the RRP.

60Hz 260/440V-440/790V: add 10% (only three phase models) to the RRP

THREE PHASE RANGE 2 SPEEDS

Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Sound dB (A)	R.R.P € Polyamide	R.R.P € Aluminium
		1500	750						
■ HB 56 T4/T8 0,95-0,20	1.380/685	1,76	0,77	0,7/0,15	11.795/5.850	73/57	22	544,40	647,10
■ HB 56 T4/T8 1,36-0,29	1.370/695	2,4	1,25	1/0,22	13.295/6.640	74/58	26	570,30	677,90
■ HB 56 T4/T8 2,45-0,55	1.375/700	3,3	1,8	1,80/0,40	15.120/7.560	76/60	28	622,90	740,40
■ HB 63 T4/T8 0,95-0,20	1.380/685	1,76	0,77	0,7/0,15	13.460/6.730	71/59	26	725,90	862,80
■ HB 63 T4/T8 1,36-0,29	1.370/695	2,4	1,25	1/0,22	15.175/7.580	72/60	30	744,00	884,40
■ HB 63 T4/T8 2,45-0,55	1.375/700	3,3	1,8	1,80-0,40	17.260/8.630	74/62	32	784,90	933,00
■ HB 63 T4/T8 3-0,8	1.415/710	4,3	2,5	2,20-0,60	19.125/9.560	75/63	41	875,60	1.040,80
■ HB 63 T4/T8 3,8-0,95	1.400/700	5,3	2,8	2,80-0,70	20.600/10.300	76/64	42	930,00	1.105,50
■ HB 71 T4/T8 1,36-0,29	1.370/695	2,4	1,25	1/0,22	18.460/9.230	78/64	33	721,40	857,50
■ HB 71 T4/T8 2,45-0,55	1.375/700	3,3	1,8	1,80-0,40	21.000/10.500	79/65	35	753,10	895,20
■ HB 71 T4/T8 3-0,8	1.415/710	4,3	2,5	2,20-0,60	23.265/11.630	79/66	45	839,30	997,70
■ HB 71 T4/T8 3,8-0,95	1.400/700	5,3	2,8	2,80-0,70	25.065/12.530	80/67	46	907,40	1.078,60
■ HB 80 T4/T8 3-0,8	1.415/710	4,3	2,5	2,20-0,60	28.060/14.030	81/67	53	1.043,50	1.240,30
■ HB 80 T4/T8 3,8-0,95	1.400/700	5,3	2,8	2,80-0,70	30.230/15.115	82/68	54	1.125,10	1.337,40
■ HB 80 T4/T8 4,9-1,22	1.440/720	8	4,7	3,6/0,9	34.150/17.075	83/69	59	1.202,30	1.429,10
■ HB 90 T4/T8 3,8-0,95	1.400/700	5,3	2,8	2,80-0,70	37.890/18.945	85/70	60	1.224,90	1.456,10
■ HB 90 T4/T8 4,9-1,22	1.440/720	8	4,7	3,6/0,9	42.800/21.400	86/71	65	1.270,30	1.510,00
■ HB 90 T4/T8 8,7-1,9	1.455/720	13,3	4,4	6,4/1,4	51.825/25.900	88/73	87	1.728,50	2.054,70
■ HB 100 T4/T8 8,7-1,9	1.455/720	13,3	4,4	6,4/1,4	52.535/26.260	89/71	96	1.991,70	2.777,30
■ HB 100 T4/T8 12,9-3	1.465/725	19,7	6,5	9,5/2,2	59.900/29.950	90/72	117	2.336,50	3.603,50
■ HB 100 T4/T8 19-4,5	1.470/730	28,6	9,3	14-3,30	68.160/34.080	91/72	138	3.031,50	4.662,60
■ HB 125 T4/T8 12,9-3	1.465/725	19,7	6,5	9,5/2,2	89.260/44.630	91/73	242	3.922,50	4.853,50
■ HB 125 T4/T8 19-4,5	1.470/730	28,6	9,3	14-3,30	102.600/51.300	92/74	264	4.083,10	5.617,10
■ HB 125 T4/T8 25-6,8	1.470/730	36,5	15	18,5/5	111.290/55.645	92/74	330	4.151,20	5.617,10

Air sense from impeller to motor or reversible impeller: add 5% to the RRP.

60Hz 260/440V-440/790V: add 10% (only three phase models) to the RRP

HBX (ATEX)

AXIAL FANS Flameproof



GENERAL FEATURES:

Range of 11 fan models, from Ø 300 to Ø 1.250, provided with three phase 2, 4 and 6 pole motors. Air-flow from 1.675 m³/h to 109.000 m³/h. Maximum working temperature of 50°C.

MANUFACTURING FEATURES:

- Plate axial fan with circular reinforced frame.
 - Motor-impeller modular assembly for complete versatility.
 - Epoxy powder finishing coat.
 - Standard asynchronous ATEX motor.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors, up to 5,5HP and 400/690V 50Hz for higher powers.
- Polyamide impeller with variable pitch angle reinforced with fibreglass.

APPLICATIONS:

Specially designed for wall or duct assembly, HBX (ATEX) fans are suitable for:

- Vitiated air renewal in buildings and industries.
- Fresh air injection in premises, buildings and industries.
- Flameproof and explosionproof fans with ATEX certified motors.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller.
- 60Hz fans and special voltages.

In compliance with the 94/9/CE Directive. With ATEX II2G, II3G or II3D marking and certificate. For areas 1 (gas), 2(gas) or 22 (dust) Protection level according to the needs. Reporting agency: IMQ

THREE PHASE RANGE

Model	R.P.M. max.	Max. Current (A)			O. Power Kw	Air Flow m ³ /h	Sound dB (A)	R.R.P € EE(x-e)	R.R.P € EE(x-d)
		230	400	690					
HBX 30 T2 1/3	2.750	1,4	0,81	-	0,25	2800	70	811,00	965,20
HBX 30 T4 1/6	1.330	1,08	0,63	-	0,18	1675	57	756,60	994,50
HBX 45 T2 2	2.860	6,25	3,61	-	1,5	12.100	85	1.253,80	1.371,90
HBX 45 T2 3	2.860	8,28	4,78	-	2,2	13.500	87	1.358,50	1.790,70
HBX 45 T4 1/2	1.360	1,82	1,05	-	0,37	7.500	67	998,90	1.295,30
HBX 45 T6 1/3	880	1,89	1,09	-	0,25	5.200	54	1.082,80	1.151,00
HBX 50 T4 3/4	1.410	2,46	1,42	-	0,55	8.500	67	862,40	1.373,40
HBX 50 T6 1/3	940	1,89	1,09	-	0,25	5.900	55	857,90	1.179,90
HBX 56 T4 3/4	1.410	2,46	1,42	-	0,55	10.500	70	882,30	1.396,20
HBX 56 T4 1	1.400	3,67	2,12	-	0,75	11.800	71	1.072,20	1.512,50
HBX 56 T4 1,5	1.400	4,66	2,69	-	1,1	13.300	72	1.130,90	1.601,30
HBX 56 T4 2	1.420	6,46	3,73	-	1,5	15.000	73	1.164,80	1.757,10
HBX 56 T6 1/3	880	1,89	1,09	-	0,25	7.000	59	1.023,30	1.159,90
HBX 56 T6 1/2	940	2,23	1,29	-	0,37	8.000	59	877,90	1.202,80
HBX 56 T6 3/4	900	3,46	2,00	-	0,55	9.300	60	1.091,40	1.247,80
HBX 63 T4 1	1.400	3,67	2,12	-	0,75	13.400	60	1.332,90	1.466,20
HBX 63 T4 1,5	1.400	4,66	2,69	-	1,1	15.800	70	1.391,60	1.688,10
HBX 63 T4 2	1.420	6,46	3,73	-	1,5	17.200	71	1.425,60	1.843,90
HBX 63 T4 3	1.390	8,83	5,10	-	2,2	18.700	72	1.600,80	2.204,70
HBX 63 T4 4	1.400	11,78	6,8	-	3	20.000	73	1.844,60	2.452,60
HBX 63 T6 1/2	900	2,23	1,29	-	0,37	11.500	60	1.138,60	1.321,90
HBX 63 T6 3/4	900	3,46	2	-	0,55	12.100	61	1.352,10	1.487,30
HBX 63 T6 1	910	4,21	2,43	-	0,75	13.000	62	1.347,60	1.766,10
HBX 71 T4 1,5	1.400	4,66	2,69	-	1,1	21.000	75	1.479,30	1.790,10
HBX 71 T4 2	1.420	6,46	3,73	-	1,5	21.400	76	1.513,20	1.945,90
HBX 71 T4 3	1.390	8,83	5,10	-	2,2	23.000	77	1.688,40	2.306,70
HBX 71 T4 4	1.400	11,78	6,8	-	3	24.500	78	1.932,20	2.554,60
HBX 71 T6 3/4	900	3,46	2	-	0,55	15.000	63	1.439,80	1.583,70
HBX 71 T6 1	910	4,21	2,43	-	0,75	17.000	64	1.435,20	1.598,90
HBX 71 T6 1,5	920	5,07	2,93	-	1,1	18.400	65	1.601,20	1.756,60
HBX 80 T4 3	1390	8,83	5,10	-	2,2	27.500	80	1.661,30	2.467,40
HBX 80 T4 4	1.400	11,78	6,8	-	3	31.250	81	1.905,10	2.715,20
HBX 80 T4 5,5	1.440	15,42	8,9	-	4	35.500	82	2.251,70	2.776,00
HBX 80 T6 1	910	4,21	2,43	-	0,75	22.500	67	1.408,10	1.917,30
HBX 80 T6 1,5	920	5,07	2,93	-	1,1	24.900	70	1.574,10	2.028,80
HBX 80 T6 2	940	7,31	4,22	-	1,5	26.250	71	1.829,60	2.449,10
HBX 80 T6 3	950	9,53	5,5	-	2,2	28.750	72	2.130,20	2.509,80
HBX 90 T4 4	1.400	11,78	6,8	-	3	35.000	84	1.946,50	2.792,30
HBX 90 T4 5,5	1.440	15,42	8,9	-	4	40.500	85	2.293,10	2.852,90
HBX 90T4 7,5	1.440	-	11,8	6,81	5,5	46.250	87	2.287,50	3.479,40
HBX 90 T4 10	1.450	-	17,00	9,81	7,5	51.000	88	2.744,10	3.492,70
HBX 90 T6 2	940	7,31	4,22	-	1,5	28.750	75	1.871,00	2.586,90
HBX 90 T6 3	950	9,53	5,5	-	2,2	33.000	76	2.214,40	2.785,00
HBX 90 T6 4	950	12,33	7,12	-	3	37.000	77	2.422,80	3.141,40
HBX 100 T4 7,5	1.440	-	11,8	6,81	5,5	48.000	89	2.580,10	3.649,30
HBX 100 T4 10	1.450	-	17	9,81	7,5	54.500	89	2.930,00	3.662,50
HBX 100 T4 15	1.450	-	24	13,9	11	62.000	90	3.781,10	4.825,70
HBX 100 T4 20	1.455	-	33	19,1	15	67.500	91	4.858,60	5.499,50
HBX 100 T6 3	950	9,53	5,5	-	2,2	34.000	79	2.400,20	2.955,00
HBX 100 T6 4	950	12,33	7,12	-	3	43.000	80	2.715,40	3.311,20
HBX 100 T6 5,5	950	16,11	9,3	-	4	51.000	81	3.020,20	3.489,30
HBX 125 T4 15	1.450	-	24	13,90	11	82.000	91	5.704,10	6.770,10
HBX 125 T4 20	1.450	-	33	19,1	15	92.000	91	6.985,30	7.444,00
HBX 125 T4 25	1.462	-	37,5	21,67	18,5	96.000	92	6.985,30	11.536,60
HBX 125 T4 30	1.467	-	44,4	25,66	22	109.000	92	7.623,60	12.879,70
HBX 125 T6 4	960	12,33	7,12	-	3	54.000	77	4.794,00	5.255,70
HBX 125 T6 5,5	960	16,11	9,3	-	4	60.000	78	5.240,10	5.433,80
HBX 125 T6 10	970	-	15,4	8,9	7,5	70.000	80	5.869,30	6.885,10
HBX 125 T6 15	970	-	23,3	13,46	11	82.000	82	6.879,00	8.126,90

Air sense from impeller to motor or reversible impeller: add 5% to the RRP.

ACCESSORIES

