BT35

Type explosion–proof shaft type fan (Ⅱ B)



Application

- Can be used in hazardous areas: Zone 1 and Zone 2
- Can be used in explosive gas atmospheres of Category IIA and Ⅱ B where the temperature classification is T1 ~ T4.

Model implication

BT35-Ⅱ-□-□-□-□-□

- Wind flow
- Mounting
  - Ⅰ: W all type (Ommitable)
  - Ⅱ: Bracket type
  - Ⅲ: Fixed type
  - Ⅳ: Pipe type
- Rated voltage
- Fan No.
- Design number
- Explosion–proof shaft type fan

Main technical parameters

- Implementing the standard： GB 3836.1、GB 3836.2、IEC60079
- Ex–mark: Exd Ⅱ BT4Gb
- Rated voltage: AC 380/220V
- Inlet's thread: G3/4"
- Cable's outer diameter: ϕ9mm~ϕ14mm

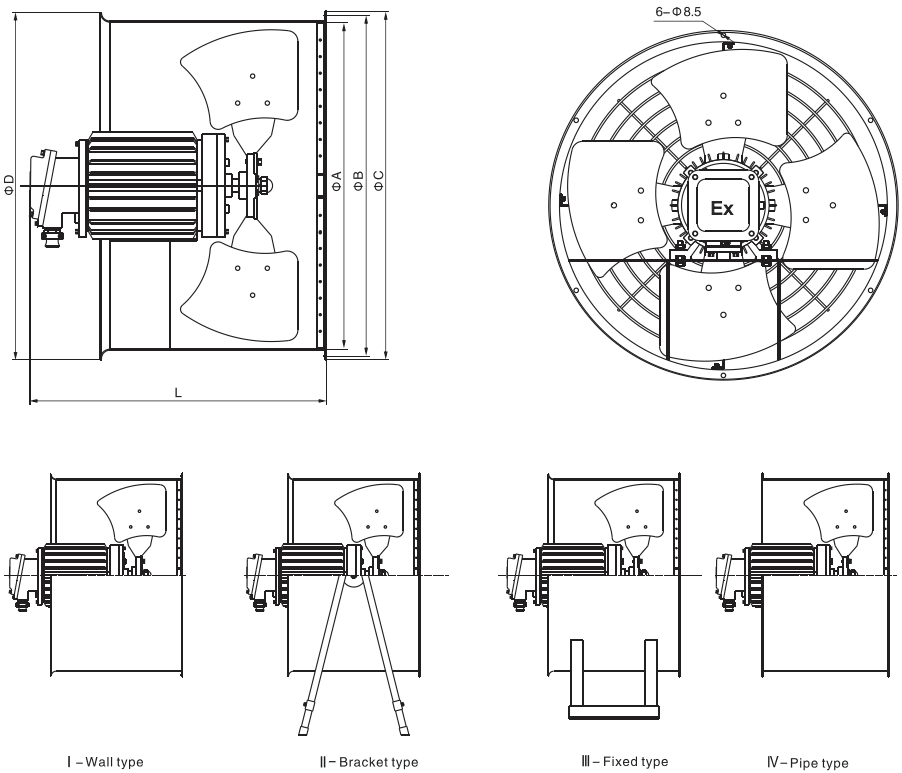
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Features

- Explosion-proof ceiling fan consists of Ex-motor, blades and cyli-nder etc.
- Low noise, low-energy consumption reliable explosion-proof performance.
- Accerding to users'request: installation ways are: Wall type、Pipe type、Bracket type、Fixed type.
- Main-role rotary (or motor power or wind) can be matched a cording to the demand of user.
- Cable wiring.

Outline and mounting example



Ⅰ – Wall type　Ⅱ – Bracket type　Ⅲ – Fixed type　Ⅳ – Pipe type

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Type \ Size	L	ϕA	ϕB	ϕC
BT35–2.8	290	285	310	330
BT35–3.15	300	320	340	360
BT35–3.55	310	360	380	405
BT35–4	310	408	430	450
BT35–4.5	310	458	475	500
BT35–5	345	508	535	560
BT35–5.6	450	568	595	625
BT35–6.3	500	638	670	690
BT35–7.1	560	720	735	765

Fan N o.	Impeller diameter	Impeller rotation speed	Impeller angle	Wind flow	Wind pressure	Motor power	dB(A)
2.8#	280	2900	15 20 25 30 35	1649 2167 2685 2921 3202	152 169 174 186 232	0.12 0.12 0.18 0.18 0.25	70 72 73 74 75
		1450	15 20 25 30 35	826 1086 1346 1464 1605	38 43 44 48 60	0.025 0.025 0.025 0.040 0.040	55 57 59 60 62
3.15#	315	2900	15 20 25 30 35	2339 3070 3810 4141 4545	192 214 220 237 294	0.18 0.25 0.37 0.37 0.55	74 76 77 78 79
		1450	15 20 25 30 35	1169 1537 1905 2072 2273	48 53 55 59 74	0.025 0.040 0.040 0.060 0.090	59 61 62 63 65
3.55#	355	2900	15 20 25 30 35	3367 4426 5484 5965 6542	241 272 279 300 373	0.37 0.55 0.55 0.75 1.1	76 79 80 81 82
		1450	15 20 25 30 35	1680 2208 2737 2977 3265	61 68 70 75 93	0.040 0.060 0.090 0.090 0.12	61 63 65 66 68
4#	400	2900	15 20 25 30 35	4806 6316 7826 8513 9336	310 345 354 380 474	0.55 1.1 1.1 1.1 1.5	79 80 83 84 85
		1450	15 20 25 30 35	2406 3163 3920 4263 4687	77 86 88 95 119	0.090 0.12 0.12 0.18 0.25	65 67 68 69 70
4.5#	450	1450	15 20 25 30 35	3427 4504 5881 6070 6658	98 110 113 121 150	0.12 0.18 0.25 0.37 0.37	68 70 71 72 73

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Fan N o.	Impeller diameter	Impeller rotation speed	Impeller angle	Wind flow	Wind pressure	Motor power	dB(A)
5#	500	1450	15 20 25 30 35	4700 6178 7655 8327 9133	122 135 138 149 185	0.25 0.37 0.37 0.55 0.75	71 73 74 75 76
		960	15 20 25 30 35	3142 4129 5117 5566 6104	53 59 61 65 81	0.37 0.37 0.37 0.37 0.37	62 64 65 66 68
5.6#	560	1450	15 20 25 30 35	6595 8667 10379 11682 12812	151 169 174 186 232	0.37 0.55 0.75 1.1 1.1	73 75 77 77 79
		960	15 20 25 30 35	4362 5370 7101 7724 8471	67 74 76 81 101	0.37 0.37 0.37 0.37 0.37	64 66 67 69 71
6.3#	630	1450	15 20 25 30 35	9393 12345 15297 16639 18250	192 214 220 236 294	0.75 1.1 1.5 1.5 2.2	77 79 80 81 82
		960	15 20 25 30 35	6219 8173 10128 11016 12082	84 94 96 104 128	0.37 0.37 0.37 0.75 0.75	68 70 71 72 74
7.1#	710	1450	15 20 25 30 35	13444 17670 21895 23815 26120	244 272 279 300 373	1.5 2.2 2.2 3.0 4.0	80 81 82 83 84
		960	15 20 25 30 35	8902 11700 14498 15766 17296	108 120 123 130 164	0.75 0.75 0.75 0.75 1.1	72 74 75 76 78