

HB Series

Single stage centrifugal turbo blower directly coupled with a permanent magnetic motor

Standard type: 30HP - 400HP / 0.4bar - 1.5bar (5.8 - 21.8psi)

(700 to 9,900 cfm)

Model			HB 30	HB 50	HB 75	HB 100	HB 125	HB 150	HB 200	HB 250	HB 300	HB 400
Type			Single Impeller								Dual Impeller	
Discharge Pressure			Flow rate (CMM/CFM) : 1 atm / 20°C (68°F), 65% / Tolerance= + - 5 %									
CMM @ 0.6 bar			20	34	51	69	85	105	140	164	210	280
CFM @ 8.7 psi			700	1,200	1,800	2,450	3,000	3,700	4,950	5,800	7,400	9,900
CMM @ 0.8bar			17	28	42	55	70	84	109	135	164	218
CFM @ 11.6 psi			600	1,000	1,500	1,950	2,500	3,000	3,850	4,750	5,800	7,700
CMM @ 1bar			-	-	34	45	-	67	87	104	133	174
CFM @ 14.5 psi					1,200	1,600		2,400	3,100	3,650	4,700	6,150
Shaft Power (HP)			30	50	75	100	125	150	200	250	300	400
Exhaust Pipe			150A	150A	200A	200A	200A	300A	300A	300A	400A	500A
Dimension	W	mm	700	700	850	850	850	900	900	900	1,200	1,500
		Inch	30	30	33	33	33	35	35	35	48	60
	L	mm	1,300	1,300	1,500	1,500	1,500	1,800	1,800	1,800	2,200	2,300
		Inch	51	51	59	59	59	71	71	71	87	87
	H	mm	1,100	1,100	1,400	1,400	1,400	1,650	1,650	1,650	2,000	2,000
		Inch	43	43	55	55	55	65	65	65	79	79
Weight		(kg)	500	500	700	700	700	900	900	900	1,200	1,400

Single stage centrifugal turbo blower directly coupled with a permanent magnetic motor

- High performance applying proven technologies
- Optimized impeller, permanent magnetic motor and Inverter
- Wide operational flexibility
- Turndown ratio between 45-100%
- Minimizing operating and maintenance costs through semi-permanent components
- Low installation costs by plug & play design
- Stringent quality-control system to reduce risks
- Simple structure and easy access to key components
- Environmental performance through applying oil less air foil bearing technology



- از ۷۰۰ تا ۹,۹۰۰ (cfm)
- عملکرد بالا با استفاده از فناوری‌های جدید
- استفاده از موتور مغناطیس دائمی و درایو
- ساختار ساده و راه اندازی آسان
- حفظ محیط زیست از طریق اعمال فناوری برپینگهای بدون روغن