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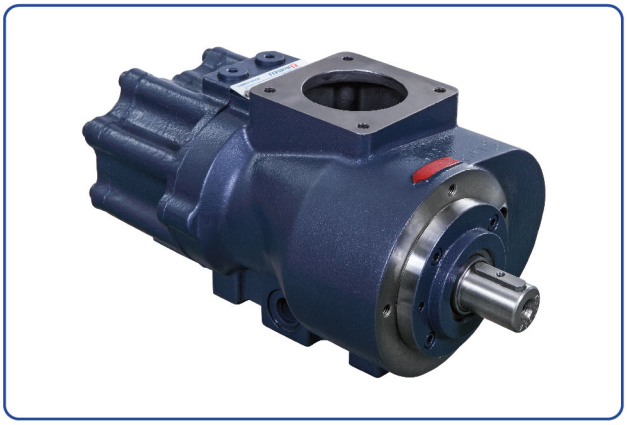
AB seires



Special for 50Hz direct driven type.

- **High Efficiency:** The male rotor has 5 teeth, the female rotor has 6. This tooth combination can improve energy efficiency, and decrease excessive fluid backflow, due to the similar circumference speed ratio of the two rotors.
- **Tightness:** When the internal leakage losses from backflow of the compressed air through the gap between the rotors and the housing is kept as low as possible.
- **Low vibration, long service life:** We use high-precision-manufactures rotors, which guarantee HB Airend long bearing service life and low vibrations.

Specification

Rated power	Model	Speed	Air flow	Shaft power	Specific Power Consumption	S.F
KW		rpm	m^3/min	kw	kw/m^3/min	
7.5	AB-077 *	3420	1.0	7.3	7.4	0.97
11	AB-077 *	5200	1.5	11.0	7.2	1.00
15	AB-130 *	3420	2.0	14.6	7.2	0.97
18.5	AB-210	2950	2.9	19.4	6.7	1.05
22	AB-240	2950	3.5	22.7	6.4	1.03
30	AB-350RS	2950	4.7	33.1	7.1	1.10
37	AB-420	2950	6.2	38.2	6.1	1.03
45	AB-480R	2950	7.1	47.5	6.7	1.05
55	AB-600R	2950	9.1	57.6	6.3	1.05
75	AB-780R	2950	11.9	73.3	6.1	0.98
	AB-830	2950	12.9	80.6	6.2	1.07
90	AB-1030R	2950	14.5	97.0	6.4	1.08
110	AB-1200R	2950	19.4	115.5	5.9	1.05
132	AB-1320	2950	21.4	139.5	6.5	1.06
160	AB-1560	2950	23.9	151.6	6.3	0.95
	AB-1560R	2950	24.0	151.6	6.3	0.95
185	AB-1900R	2950	29.8	186.6	6.2	1.01
250	AB-2600	2950	40.7	260.6	6.4	1.04
250	AA-5600	1450	42.1	267.0	6.3	1.07
315	AB-3300	2950	50.0	323.4	6.4	1.03

* Belt driven type

1.Based on pressure 0.8 Mpa

2.Applicable prssure≤1.3 Mpa

3.Air flow rate related to suction condition according to ISO 1217

4.Hanbell reserves the right to modify all the design and specifications. Actual specification may differe from that shown in catalogue due to time lag.