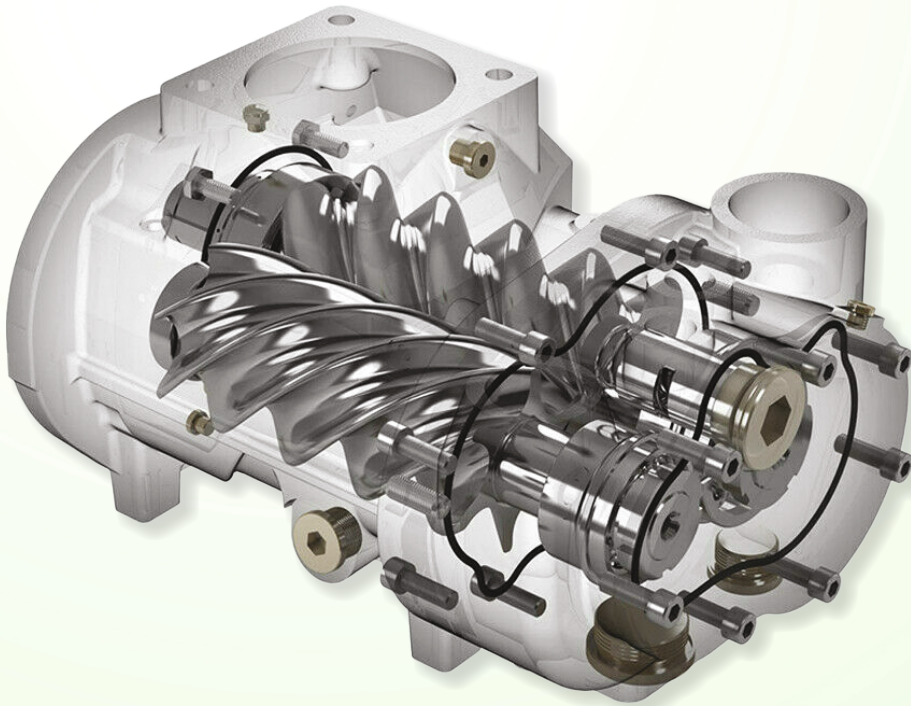




HANVI
COMPRESSORS PVT LTD

ROTARY TYPE SCREW AIR COMPRESSORS



ERGONOMIC BY DESIGN
RELIABLE WITH SERVICES



SCREW AIR COMPRESSOR Variable Speed (Permanent Magnet Motor)



INVERTER

1. The standard is equipped with high frequency reactor, effectively reducing the frequency converter and the external magnetic field dry reactance.
2. Reliably reduces peak current when it is started, realizes stable starting.
3. With high-performance current vector technology, it can easily drive induction motors.
4. High performance, high quality and high power density design,
5. Rapidly track the change of pressure and control pressure fluctuation within $\pm 0.01\text{Mpa}$, optimal power is used to accurately provide necessary air.



AIR-END

1. Adopts the international top-level third-generation asymmetric wire twin-screw air end, adopts the peak high efficiency low-pressure, high-efficiency tooth shape and the axial air inlet design.
2. Increased energy efficiency by 5% -15% compared to the second generation.
3. Uses Swedish SKF heavy-duty bearings, double-lip lip shaft seal, durable and reliable. .



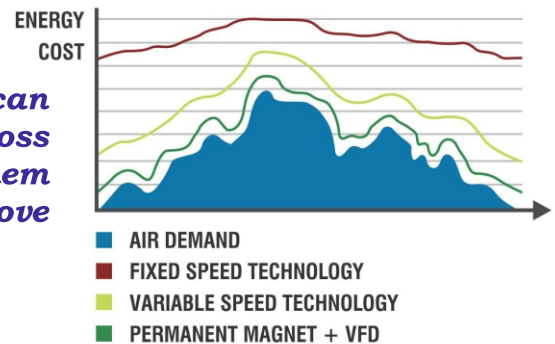
CONTROLLER

1. Adopts PLC multi-language Controll system, beautiful and intuitive interface, easy to operate function, operators can quickly and easily adjust the compressor.
2. 14 protection functions such as overload protection, short circuit protection, reverse protection, low temperature protection, high voltage protection, etc. to fully protect the unit

MOTOR

1. The motor uses high-performance motors use high-performance NdFeB permanent magnets which will not lose magnetism under 200° and its service life reaches as long as 15 years.
2. Protection grade IP55, insulation grade F, effectively protects the motor and increases the service life of the motor, the efficiency is 5%-7% higher than similar products.

The adoption of permanent magnet motors can lead to significant power-saving benefits across various industries and applications, making them a compelling choice for those seeking to improve energy efficiency.



Features:

- * Higher efficiency since no electrical energy is used or losses incurred for developing or maintaining the motors magnetic field
- * Intelligent Control System
- * Less bearing current due to large air gap
- * The Latest Generation Super Stable Inverter
- * Wide Working Frequency Range *To Save Energy*
- * Small Start-up Impact
- * low temperature due to less rotor losses
- * Low Noise
- * Ramp up time, shorter, constant power up to maximum speed.



TECHNICAL SPECIFICATIONS

MODEL	MOTOR		FREE AIR DELIVERY		WORKING PRESSURE	AIR OUTLET	NOISE LEVEL	DIMENSIONS	WEIGHT
	KW	HP	CFM	M3/Min	Bar		dB(A)	(L*W*H)	Kg
HSC-10 F/PMV	7.5	10	42	1.20	7	3/4"	60±2	900*600*800	220
			39	1.10	8				
			33	0.93	10				
			28	0.80	12				
HSC-15 F/PMV	11	15	71	2.01	7	1"	62±2	1100*730*980	350
			64	1.81	8				
			56	1.60	10				
			49	1.40	12				
HSC-20 F/PMV	15	20	98	2.78	7	1"	62±2	1100*730*980	360
			91	2.58	8				
			83	2.35	10				
			74	2.10	12				
HSC-25 F/PMV	18.5	25	121	3.43	7	1"	64±2	1200*880*1080	510
			114	3.23	8				
			98	2.78	10				
			85	2.40	12				
HSC-30 F/PMV	22	30	143	4.05	7	1"	64±2	1200*880*1080	510
			139	3.94	8				
			117	3.31	10				
			98	2.78	12				
HSC-40 F/PMV	30	40	203	5.75	7	1 1/2"	66±2	1460*980*1230	650
			186	5.27	8				
			174	4.93	10				
			147	4.16	12				
HSC-50 F/PMV	37	50	252	7.14	7	1 1/2"	66±2	1460*980*1230	700
			239	6.77	8				
			210	5.95	10				
			189	5.35	12				
HSC-60 F/PMV	45	60	308	8.73	7	1 1/2"	66±2	1460*980*1230	780
			284	8.05	8				
			263	7.45	10				
			225	6.37	12				
HSC-75 F/PMV	55	75	382	10.82	7	2"	68±2	1750*1280*1590	1250
			357	10.11	8				
			330	9.35	10				
			268	7.60	12				
HSC-100 F/PMV	75	100	520	14.73	7	2"	68±2	1750*1280*1590	1350
			495	14.02	8				
			454	12.86	10				
			394	11.16	12				
HSC-125 F/PMV	90	125	572	16.20	7	2"	70±2	2450*1660*1700	1950
			530	15.00	8				
			487	13.80	10				
			434	12.30	12				
HSC-150 F/PMV	110	150	741	21.00	7	2 1/2"	70±2	2450*1660*1700	2200
			699	19.80	8				
			614	17.40	10				
			522	14.80	12				
HSC-175 F/PMV	132	175	865	24.50	7	2 1/2"	70±2	2450*1660*1700	2500
			819	23.20	8				
			724	20.50	10				
			614	17.40	12				



F - Fixed Speed



PM - Permanent Magnet With Variable Speed Drive

The Dimensions & Weight can vary as per company offering & products improvement
The Company on product improvement and reserves the right of design improvement parameters are subject to change without prior notice.

APPLICATIONS



HANVI
COMPRESSORS PVT LTD

Hanvi Compressors Pvt Ltd

Registered office:

#1-1-416/A, G-2, Amani Apartments, Gandhi Nagar,
Hyderabad, Telangana - 500 080

Phone No. : +91-99487 40048, +91-90303 33714

Email : info@hanvicompressors.com

Web Site : www.hanvicompressors.com

Authorised distributors / Business associate