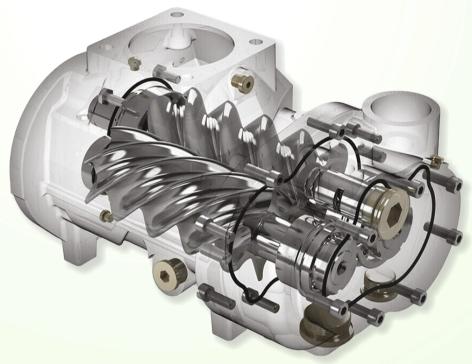


ROTARY TYPE SCREW AIR COMPRESSORS



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
- Reliably reduces peak current when it is started, realizes stable starting.

 With high-performance current vector technology, it can easily drive induction motors.
- 4. High performance, high quality and high power density design,
- Rapidly track the change of pressure and control pressure fluctuation within ±0.01Mpa,optimal power is used to accurately provide necessary air.



AIR-FND

- 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

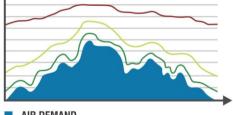
- 1. Adopts PLC multi-language Contorl system, beeautiful and intuitive interface, easy to operate function, operators can quickly and easily adjust the compressor.
- 2. 14 protection functions such as overload protecton, short circuit protection, reverse protection, low temperature protection, high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

MOTOR

- 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.

 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.



AIR DEMAND

ENERGY COST

- **FIXED SPEED TECHNOLOGY**
- **VARIABLE SPEED TECHNOLOGY**
- PERMANENT MAGNET + VFD

Features:

- * Higher efficiency since no electrical energy is used or lossses 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

No.		MOTOR		FREE AIR DELIVERY		WORKING	AIR	NOISE	DIMENSIONS	WEIGHT
NSC-10	MODEL	"	10k	I KEE AIK	DELIVERI	PRESSURE	OUTLET	LEVEL	DIMENSIONS	WEIGHT
NSC-10 F/PMV F/P		KW	HP	CFM	M3/Min	Bar		dB(A)	(L*W*H)	Kg
F/PMV Figure Fi	1100 10	7.5	10		1.20			60±2	900*600*800	220
F/PMV Section Sectio	H2C-10			39	1.10	8	3///"			
HSC-15 F/PMV	F/PMV			33	0.93	10	3/4			
HSC-15 F/PMV										
F/PMV 11	USC 1E	11	15			†	_	62±2	1100*730*980	350
F/PMV					-		1"			
HSC-20							4			
HSC-20					1					
F/PMV	HSC-20		20				-	62±2	1100*730*980	360
HSC-25	1100 20	15					1"			
HSC-25 F/PMV	F/PMV									
HSC-25 HS.5 25										
F/PMV 18.5 25	HSC-25		25		-		4	64±2	1200*880*1080	510
HSC-30 HSC-30 HSC-40 HSC-40 HSC-40 HSC-60 HSC-60 HSC-60 HSC-60 HSC-60 HSC-60 HSC-75 HSC-75 HSC-75 HSC-75 HSC-100		18.5					1"			
HSC-30 F/PMV 22 30					+		_			
HSC-30 F/PMV 22 30 139 3.94 8 1" 64±2 1200*880*1080 510 117 3.31 10 10 10 11 64±2 1200*880*1080 510 117 3.31 10 10 11 64±2 1200*880*1080 510 110 117 64±2 1200*880*1080 510 110 117 64±2 1200*880*1080 510 110 117 64±2 1200*880*1080 510 11										
F/PMV 22 30	HSC-30	22	30					64±2	1200*880*1080	510
HSC-40 HSC-40 HSC-50 HSC-50 HSC-60 HSC-60 HSC-75 HSC-75 HSC-75 HSC-100 HSC-100 HSC-125 HSC							1"			
HSC-40 F/PMV A 40 B 186 5.27 8 11/2" 66±2 1460*980*1230 650 650 F/PMV HSC-50 F/PMV B 45 60 F/PMV A 45 60 F/PMV A 45 60 F/PMV A 45 60 F/PMV B 45 F/PMV B 55 F/PMV B 55 F/PMV B 66 F/PMV F 66 F 75 F										
HSC-40 F/PMV HSC-50 F/PMV HSC-50 F/PMV HSC-50 F/PMV HSC-50 F/PMV HSC-50										
F/PMV 130	HSC-40	30	40				4	66±2	1460*980*1230	650
HSC-50 HSC-50 HSC-50 HSC-50 HSC-125 HSC-125 HSC-125 HSC-125 F/PMV HSC-125 HSC-125 F/PMV HSC-125 HSC-125 F/PMV HSC-125 F/PMV HSC-125 HSC-125 F/PMV HSC-125 HSC-125 F/PMV HSC-125 HSC-125 HSC-125 HSC-125 F/PMV HSC-125 HSC-							1 1/2"			
HSC-50 F/PMV F/PMV										
HSC-50 F/PMV 37 50 239 6.77 8 11/2" 66±2 1460*980*1230 700 HSC-60 HSC-60 F/PMV 45 60 263 7.45 10 225 6.37 12 382 10.82 7 357 10.11 8 330 9.35 10 268 7.60 12 1750*1280*1590 1250 HSC-100 F/PMV 75 100 495 14.02 8 2" 68±2 1750*1280*1590 1350 HSC-125 F/PMV F/PMV 125 125 125 125 125 125 125 125 125 125 HSC-150 F/PMV 150 150 699 19.80 8 125 14.00 7 699 19.80 8 125 14.80 12 125					-					
F/PMV Solution F/PMV Solution Solu		37	50					66±2	1460*980*1230	700
HSC-60 HSC-75 HSC-100 HSC-125 HSC-150 HSC-150 HSC-150 F/PMV HSC-175							1 1/2"			
HSC-60 F/PMV 45 60 45 60 284 8.05 8 263 7.45 10 225 6.37 12 382 10.82 7 357 10.11 8 330 9.35 10 268 7.60 12 380 7.60 12 495 14.02 8 454 12.86 10 394 11.16 12 F/PMV HSC-125 F/PMV HSC-125 F/PMV HSC-150 F/PMV HSC-175 F/PMV HSC-176 B819 P3.20 B812 P1.10 P1.1										
HSC-60 F/PMV 45 60 284 8.05 8 263 7.45 10 11/2" 66±2 1460*980*1230 780 FSC-75 FS										
HSC-75 F/PMV HSC-126 HSC-127 HSC-126 HSC-127	HSC-60	45	60				1 1/2"	66±2	1460*980*1230	780
HSC-75 F/PMV 75										
HSC-75 F/PMV 55 F/PMV 75 F/PMV 7							-			
HSC-75 F/PMV F F F F F F F F F					1					
F/PMV S5	HSC-75	55	75		1		2"	68±2	1750*1280*1590	1250
HSC-100 F/PMV T5										
HSC-100 F/PMV T5 100										
HSC-100 F/PMV T5		75			+			68±2	1750*1280*1590	1350
F/PMV 75 100 454 12.86 10 2" 88±2 1750*1280*1590 1350 HSC-125 F/PMV 125 572 16.20 7			100				1			
HSC-125 F/PMV 125 394							2"			
HSC-125 F/PMV 90 125 572 16.20 7						†				
HSC-125 F/PMV 90 125 530 15.00 8 2" 70±2 2450*1660*1700 1950 HSC-150 F/PMV 110 150 699 19.80 614 17.40 10 522 14.80 12 HSC-175 HSC-175 132 175 819 23.20 8 21 70±2 2450*1660*1700 2200 2200 2450*1660*1700 2200 2200 2200 2200 2200 2200 2200			-							
F/PMV 90 125 487 13.80 10 2" 70±2 2450*1660*1700 1950 HSC-150 F/PMV 110 150 699 19.80 8 2 1/2" 70±2 2450*1660*1700 2200 HSC-175 132 175 819 23.20 8 2 1/2" 70±2 2450*1660*1700 2500 F/PMV 135 175	HSC-125	90	125				2"	70±2	2450*1660*1700	1950
HSC-150 F/PMV 110 HSC-175 HSC-175 HSC-175 HSC-175 F/PMV 132 HSC-175	F/PMV									
HSC-150 F/PMV 110 150 699 19.80 8 21/2" 70±2 2450*1660*1700 2200 HSC-175 HSC-175 132 175 819 23.20 8 724 20.50 10										
HSC-150 F/PMV 110 150 699 19.80 8 2 1/2" 70±2 2450*1660*1700 2200 HSC-175 HSC-175 132 175 819 23.20 8 724 20.50 10 21/2" 70±2 2450*1660*1700 2500		 						70±2	2450*1660*1700	2200
F/PMV 110 150 614 17.40 10 21/2 70±2 2450*1660*1700 2200 HSC-175 132 175 819 23.20 8 21/2 70±2 2450*1660*1700 2500	HSC-150	110	150				2 1/2"			
HSC-175 HSC-175 132 175 175 175 175 175 175 175 17	_ ,									
HSC-175 132 175 865 24.50 7 819 23.20 8 21/2" 70±2 2450*1660*1700 2500	F/PMV					†	 			
HSC-175 132 175 819 23.20 8 2 1/2" 70±2 2450*1660*1700 2500			<u> </u>							
F/PMV 132 175 724 20.50 10 21/2" 70±2 2450*1660*1700 2500		132	175				2 1/2"	70±2	2450*1660*1700	2500
F/F/MV										
614 17.40 12	F/PMV									





APPLICATIONS





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