



IPM INVERTER
SOFT START
PM MOTOR IP65

SAVING ENERGY

COMPETECH

Screw *Air Compressor*

COMPRESSOR TECHNOLOGY FROM GERMANY



IPM Series VSD Compressor



CT Series Standard Compressor

CTC Series Complete Set

CE



ISO9001, ISO14001, ISO18001 Certificate

COMPTECH AIR COMPRESSOR BRAND

COMPTECH is a first-class air compressor manufacturer all over the world, which has been committed to providing clients with more efficient, more energy-saving and more environment-friendly air compressor product, thereby assisting clients to realize higher enterprise benefits

COMPTECH is positioned to leading air power system energy saving server all over the world, contract energy management services are customized, which can lead dynamic change and create green power, thereby making its own contributions to the society.



FIRST-CLASS SCALE CREATES FLAGSHIP IN AIR COMPRESSOR FIELD

COMPTECH was founded in 1996, and **COMPTECH** product have obtained dozens of certification issued by many countries such as European CE, American ASME, American UL, American ETL, etc. after being developed for 20 years. In addition, **COMPTECH** also received 7 national invention patents and more than 100 utility models. 14 invention patents and 96 utility models have been declared and approved

MORE PERFECT QUALITY CONTROL

COMPTECH penetrates strict quality control throughout procurement of raw materials, spare part processing, machine assembly and performance testing, and more perfect quality control has been realized.

1. LEITZ three-coordinate measuring instrument
2. Japan MAZAK CNC machine tool
3. Refined processing by industrial robot
4. Hight precision machine tool processing
5. Production assembly line



Certificate

ISO9001:2015



Certificate

ISO14001:2015



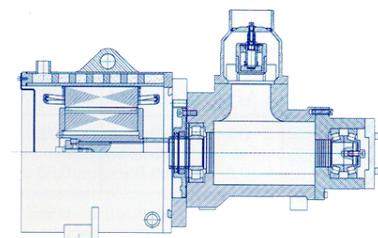
Certificate

ISO18001:2007



CE Certificate

ASYNCHRONOUS ONE-PIECE SCREW AIR COMPRESSOR



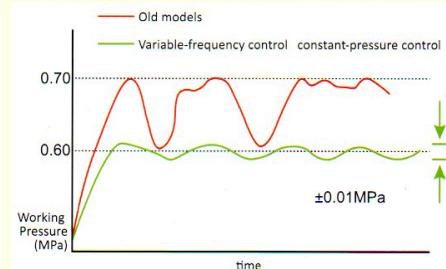
Protection Grade IP55

HIGH EFFICIENCY, ENERGY SAVING AND CONVENIENT

MAINTENANCE

Asynchronous one-piece screw air compressor: Air end is directly connected with motor without center bracket, belt and pulley. Transmission ratio is 100%, and the efficiency is improved by 2-5% compared with asynchronous motor with the same specification. The motor is free bearing and oil seal. Motor bearing fault point can be eliminated, thereby saving cost, and reducing daily maintenance and repair.

INVERTER Variable - frequency Controlling
Realize energy saving with constant pressure contro

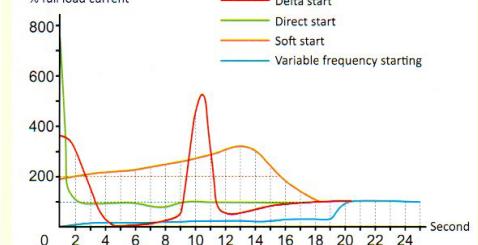


PERMANENT MAGNET VSD AIR COMPRESSOR

IPM INVERTER SOFT START PM MOTOR IP65

- Energy Efficiency Level One
- Soft Start + Inverter + PM Motor
- Save as much as 50% of the Energy
- Motor Protection Grade IP65
- PLC Touch Screen Monitoring 7 Inch

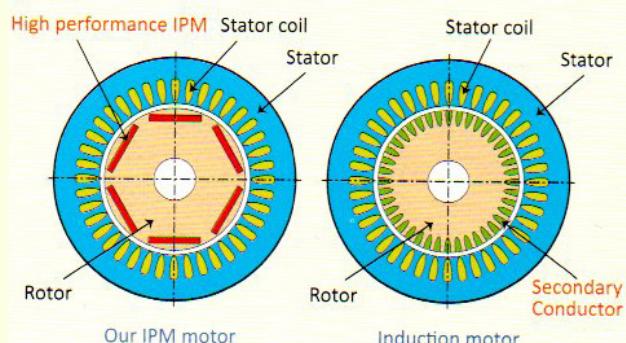
Soft Start of frequency converter reduces starting current



PERMANENT MAGNET MOTOR (PM)

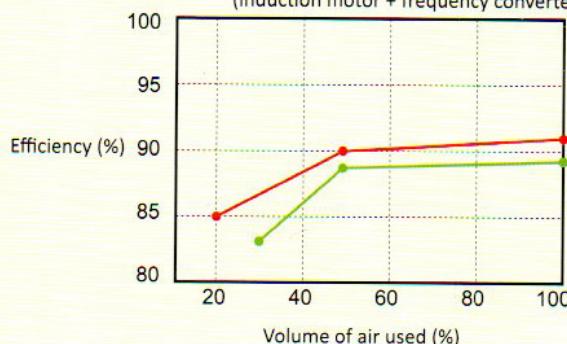
PM Motor, which is a standard equipment, provide much higher efficiency than that of regular and/or high efficient induction motors and meets IE3 Standard. Meanwhile, by using high efficient frequency converter, it achieves better energy saving effect than the old ones. Since the bearing temperature of PM motor is relatively low, its lubricating grease server a longer time while the workload of motor maintenance also reduced.

Comparison of structures of PM motor and induction motor



General efficiency

- COMPTECH PM variable frequency air compressor (PM motor + special frequency converter)
- General variable frequency air compressor (induction motor + frequency converter)



TECHNOLOGY PARAMETERS

CT-IPM Series PERMANENT MAGNET VSD Screw Compressor

Model	F.A.D m3/min	Pressure BAR	Noise dB(A)	Motor KW/HP	Dimension (mm)			Weight KG	Air Outlet Inch	Motor IP
					L	W	H			
CT-10 IPM	0.99	8	62	7.5/10	840	670	925	210	3/4	IP55
	0.9	10								
	0.75	13								
CT-15 IPM	1.59	8	62	11/15	1000	820	1145	330	3/4	IP55
	1.45	10								
	1.30	13								
CT-20 IPM	2.10	8	62	15/20	1000	820	1145	330	3/4	IP55
	1.91	10								
	1.74	13								
CT-30 IPM	3.36	8	65±2	22/30	1100	880	1185	530	1 1/4	IP55
	2.95	10								
	2.69	13								
CT-40 IPM	4.83	8	65±2	30/40	1200	950	1358	590	1 1/4	IP55
	4.24	10								
	3.86	13								
CT-50 IPM	6.41	8	65±2	37/50	1300	1000	1366	590	1 1/2	IP55
	5.62	10								
	5.12	13								
CT-60 IPM	7.67	8	68±2	45/60	1300	1000	1366	690	1 1/2	IP65
	6.72	10								
	6.13	13								
CT-75 IPM	9.98	8	72±2	55/75	1600	1300	1600	1210	2	IP65
	8.75	10								
	7.98	13								
CT-100 IPM	12.81	8	72±2	75/100	1600	1300	1600	1210	2	IP65
	11.24	10								
	10.25	13								
CT-125 IPM	14.2	8	72±2	90/125	1600	1300	1600	1210	2	IP65
	12.78	10								
	11.5	13								
CT-150 IPM	18.90	8	72±2	110/150	2200	1550	2000	2200	DN65	IP65
	16.58	10								
	15.12	13								
CT-175 IPM	23.10	8	72±2	132/175	2200	1550	2000	2250	DN65	IP65
	20.26	10								
	18.48	13								

Due to improvement for excellence, the specification subject to change without notice in advance. Free air delivery standard in GB/T3853-eqr-ISO 1217