

Specification

Model	Capacity Control	Max. Discharge Pressure (MPa)	Discharge Air Capacity (m3/min)	Nominal Output (kW)	Power Supply	Dimensions W*D*H	Air Discharge Size	Weight (kg)
OSP-22F5AIN	Fixed Speed	0.7	3.75	22	380V/50Hz 415V/50Hz	1340*740*1300	Rc1	650
		0.8	3.55					
		1.0	3.10					
		1.25	2.70					
OSP-30F5AIN	Fixed Speed	0.7	5.10	30	380V/50Hz 415V/50Hz	1600*860*1440	Rc1 1/2	900
		0.8	4.75					
		1.0	4.10					
		1.25	3.25					
OSP-30VAIN	Variable Speed	0.7	1.6 - 5.10	30	380V/50Hz 415V/50Hz	1950*860*1440	Rc1 1/2	900
		0.8	1.6 - 4.75					
		1.0	1.4 - 4.25					
		1.25	1.2 - 3.70					
OSP-37F5AIN	Fixed Speed	0.7	6.80	37	380V/50Hz 415V/50Hz	1600*860*1440	Rc1 1/2	1000
		0.8	6.30					
		1.0	5.80					
		1.25	5.00					
OSP-37V5AIN	Variable Speed	0.7	2.3 - 6.8	37	380V/50Hz 415V/50Hz	1950*860*1440	Rc1 1/2	1080
		0.8	2.1 - 6.3					
		1.0	1.9 - 5.6					
		1.25	1.7 - 5.1					
OSP-45F5AIN	Fixed Speed	0.7	8.50	45	380V/50Hz 415V/50Hz	2000*1200*1680	Rc2	1380
		0.8	7.80					
		1.0	6.90					
		1.25	5.65					
OSP-45V5AIN	Variable Speed	0.7	1.95 - 8.5	45	380V/50Hz 415V/50Hz	2250*1200*1690	Rc2	1480
		0.8	1.92 - 7.93					
		1.0	1.90 - 6.9					
		1.25	1.78 - 5.65					
OSP-55F5AIN	Fixed Speed	0.7	10.50	55	380V/50Hz 415V/50Hz	2000*1200*1680	Rc2	1410
		0.8	9.50					
		1.0	8.60					
		1.25	7.60					
OSP-55V5AIN	Variable Speed	0.7	2.52 - 10.6	55	380V/50Hz 415V/50Hz	2250*1200*1690	Rc2	1510
		0.8	2.54 - 9.85					
		1.0	2.13 - 8.6					
		1.25	2.09 - 7.73					
OSP-75F5AIN	Fixed Speed	0.7	13.50	75	380V/50Hz 415V/50Hz	2000*1200*1680	Rc2	1520
		0.8	12.50					
		1.0	11.10					
		1.25	10.20					
OSP-75V5AIN	Variable Speed	0.7	3.23 - 13.5	75	380V/50Hz 415V/50Hz	2250*1200*1690	Rc2	1620
		0.8	3.29 - 12.55					
		1.0	2.79 - 11.1					

- NOTE:**
- Unit performance parameters and acceptance criteria shall be subject to Appendix C, ISO 1217.
 - Reference conditions : absolute intake pressure: 0.1 MPa; air intake temperature: 20° C; relative humidity: 0%
 - For special requirements, please contact hitachi sales representative office.

Learn more on our website.
www.hitachi-ies.in



Hitachi Industrial Equipment Systems India Pvt. Ltd.
Printed in India
Copyright © Hitachi Industrial Equipment Systems India Pvt.Ltd.
All rights reserved.

For more information, please contact your nearest sales representative.



Specifications including appearance subject to change without notice.
Models vary by region. Contact your Hitachi sales representative for more details.

OJUS POWER & TECHNOLOGIES PRIVATE LIMITED

OSP IN series

Oil-Flooded Screw Compressor 22-75kW



HITACHI



Fluid-air Separation System

- Large capacity and highly efficient fluid-air separator with special design inside, multistate separation to make good separation result.
- The pressure decreased lowly and saving almost 1% power consumption.

Air Inlet Regulating Valve

- Decrease the times of load and unload, low running cost.
- Longer life for seldom impulsive load.

Air Capacity Regulation

- Realize compressor air discharge capacity with demand 0%-100% stepless regulation.
- Better meet the air demand of customer to save energy consumption.

Outstanding Screw Rotors

- The screw rotors manufactured by matching posses excellent consumption efficiency.
- The design of slot line and pitch line reduces the inner leakage.

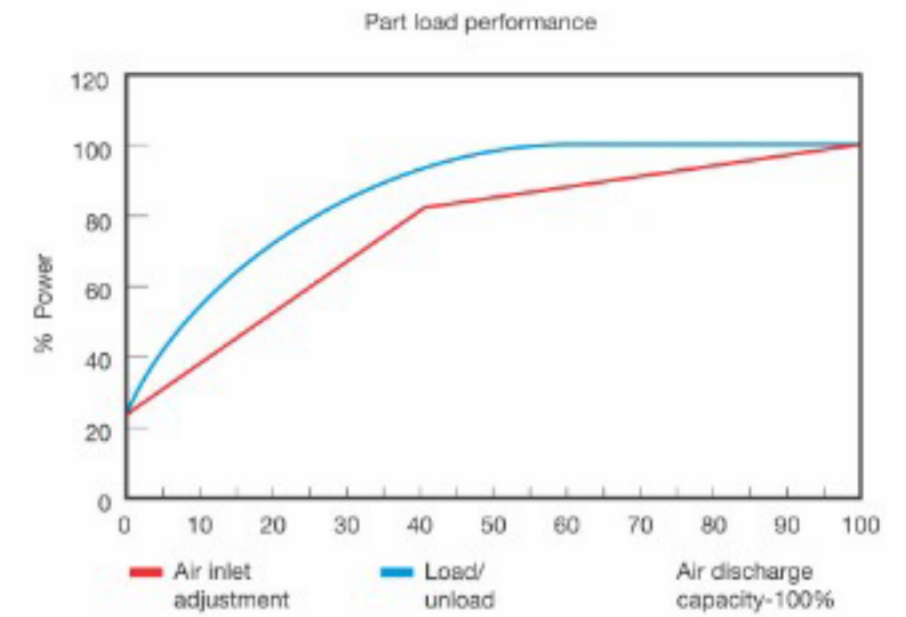
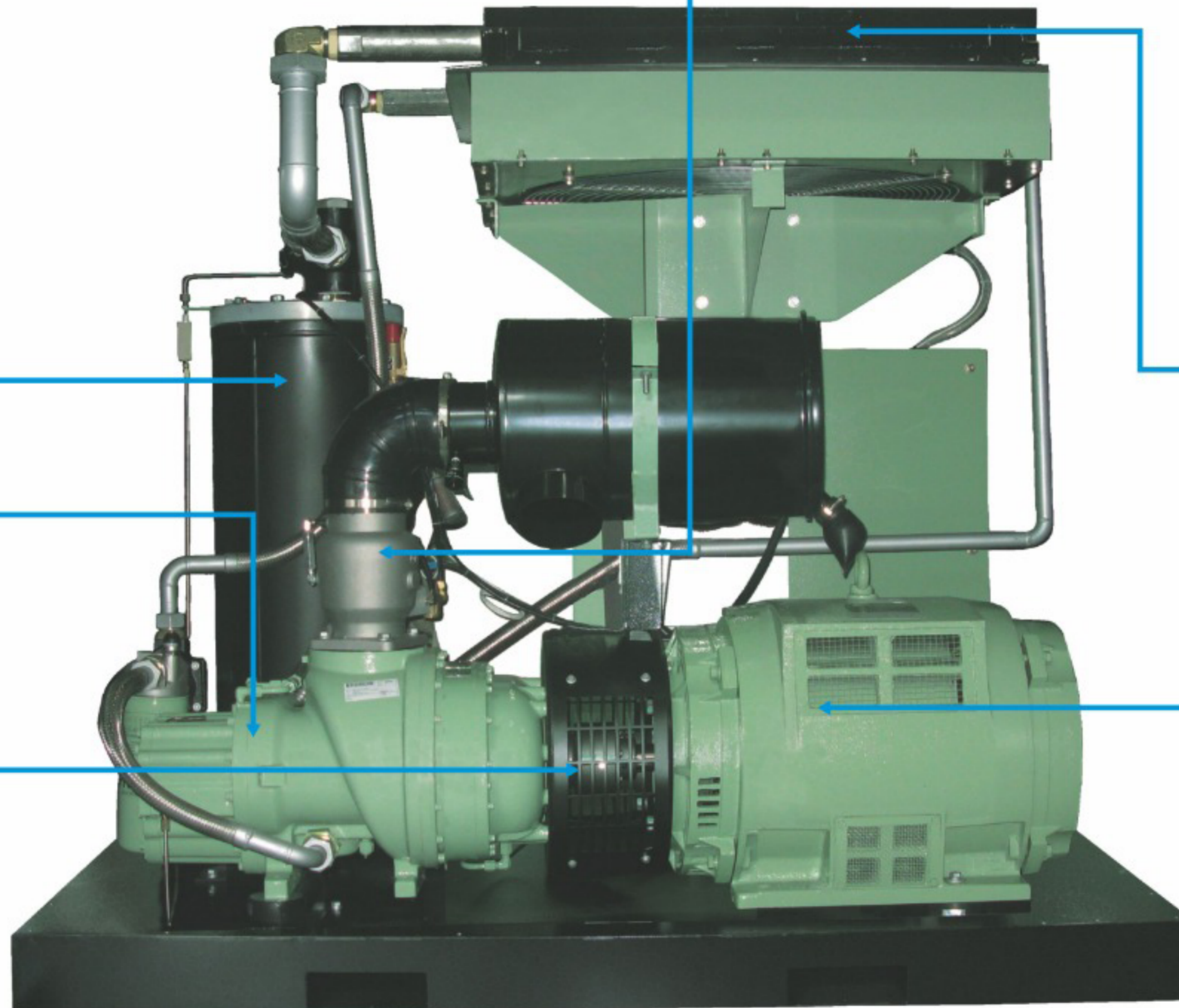
Compressor Air-End

- Low noise and high quality bearings ensures the Air-End stability and longer life.
- BFR (Bearing Fluid Reservoirs) ensure the compressor with excellent function for startup and on load performance.



Elastic Coupling

- Avoiding impulsive load, high efficient driving and reliable operation.
- Install or remove the element radially and easy to maintain for shaft seal.



High Efficiency Cooling System

- Oversized cooler, huge design margin
- High cooling efficiency, effectively extend the life of fluid and lower running cost.

High Efficiency Motor

- Good heat dissipation capacity, B class temperature rise, insulation and not easy aging based on factory standard running cond.
- High quality bearings with small erosion for longer life to ensure long-term continuous trouble-free operation.
- IP55 protection class
- IE3 efficiency

NOTE: The above figures are for reference only, subject to the real machine.

