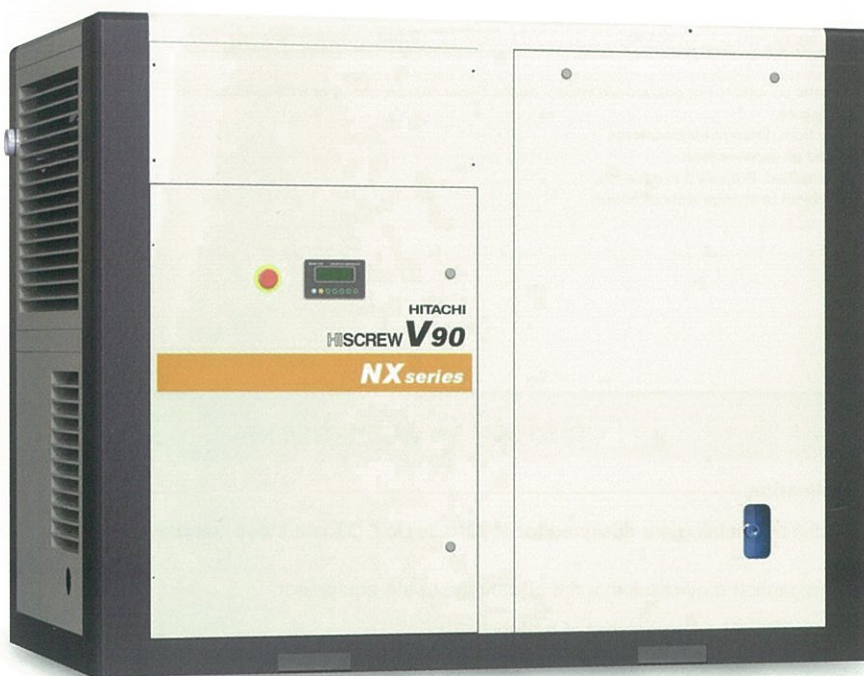


HISCREW **NX**series

90kW (Air cooled/Water cooled)

Single-stage **M**type, **V**type



Energy-Saving

- High Efficiency Air-End
- Constant Pressure Control (**V**type)

High Reliability

- IP55 Main Motor
- Motor Specialized for Inverter (**V**type)
- Hitachi Synthetic Lubricating Oil (NEW HISCREW OIL 2000)

Full SPEC

- Pressure range from 0.7-1.25 MPa
- Air-Cooled/Water-Cooled
- Fixed Speed/VSD

Standard Specifications

Model		M type								V type								
		OSP-90M5AX				OSP-90M5WX				OSP-90V5AX				OSP-90V5WX				
Cooling method		—	Air-cooled				Water-cooled				Air-cooled				Water-cooled			
Nominal output		kW	90								90							
Rated	Discharge pressure	MPa	0.7	0.8	1.0	1.25	0.7	0.8	1.0	1.25	0.7	0.8	1.0	1.25	0.7	0.8	1.0	1.25
	Discharge capacity	m³/min	17.0	16.0	14.3	11.3	17.0	16.0	14.3	11.3	17.0	16.0	14.3	11.3	17.0	16.0	14.3	11.3
Suction Pressure / Temperature		°C	Atmospheric Pressure / 0 - 45								Atmospheric Pressure / 0 - 45							
Temperature of Discharge temperature		°C	Ambient Temp + 15 or below				Cooling Water Temp + 13 or below				Ambient Temp + 15 or below				Cooling Water Temp + 13 or below			
Starting Type		—	Star-delta (3 contactors)								Inverter							
Driving System		—	4-Pole TEFC Motor Gear Drive								4-Pole TEFC Motor Gear Drive							
Lubricating oil		—	NEW HISCREW OIL 2000								NEW HISCREW OIL 2000							
Lubricating oil filling amount		L	45								45							
Cooling Water	Temperature	°C	—				32 or below				—				32 or below			
	Quantity (32°C)	L/min	—				167				—				167			
Discharge Air Pipe Diameter		—	G2								G2							
Dimension (W×D×H)		mm	2,200 × 1,300 × 1,750								2,200 × 1,300 × 1,750							
Weight		kg	2,140				2,140				2,240				2,340			

NOTE:

- Capacity is the converted value at its inlet condition. For guaranteed values, contact your nearest dealer or HITACHI local representative offices.
- Pressure is indicated as the gauge pressure.
- Temperature of discharge air may vary from different environments.
- It is necessary to install a properly sized air receiver tank.
- Earth leakage circuit breaker is NOT attached. Prepare it in advance.
- Specifications and outside view are subject to change without notice.



Safety Precautions

Regarding compressor application

- The compressors described in this catalog are designed for air ONLY. Do NOT use these compressors for compression of gas other than air.
 - Failure to adhere to this precaution may result in a fire or damage to the equipment.
- Never use these compressors directly as equipment of breathing.

Regarding installation

- These compressors are designed for indoor use. Avoid installing the compressors at a place subject to rain, water and/or high humidity.
 - Failure to adhere to this precaution may cause electric current leakage, rust and/or reduction in air compressor life.
- Avoid areas of close proximity to explosives and/or flammable gases, such as: acetylene, propane gas, organic solvents, explosive powdered dust and/or fire.
 - Failure to adhere to this precaution may cause fire or accident.
- Avoid areas where corrosive gases are present, such as: ammonia, acid, iron powder and/or sulfurous acid.
 - Failure to adhere to this precaution may cause rust to the compressor components, reduction in compressor life and/or damage.

Regarding usage

- Before use, read the instruction manual carefully for correct use of the compressor.
- Absolutely avoid modifying the compressor or its components.
 - Failure to adhere to this precaution may cause damage and/or malfunction.

Products described in this catalog may differ from different countries or regions. Contact your nearest Hitachi representative office for details.

Product appearances and specifications in this catalog are subject to change with or without notice, as Hitachi continues to develop the latest technologies and products for its customers.



Hitachi Industrial Equipment Systems Co., Ltd.

For further information, please contact your nearest sales representative.