



hertz[®]
KOMPRESSOREN

Oil-Injected Rotary Screw Air Compressors
HSC 15-37

PERTH SYDNEY MELBOURNE BRISBANE ADELAIDE NEWCASTLE DARWIN MACKAY KALGOORLIE

DESIGNED TO IMPROVE YOUR PE

Hertz designed HSC Series Screw Compressors are the ideal choice for all kind of industries and applications. Every screw compressor model is equipped with an exclusive screw block, constructed with the strongest materials, and each compressor ensures exceptional performance, efficiency and long lasting life.

COMMITTED TO EXCELLENCE

Hertz Kompressoren offers a complete range of all kinds of screw compressors with proven quality and years of exceptional experience and know-how. Hertz HSC Series Rotary Direct Driven Screw Compressors provide highly efficient solutions for many compressed air applications. Hertz Kompressoren products are designed to supply years of efficient operation suiting harsh applications.



PERFORMANCE!



TIME PROVEN DESIGN

Hertz products continue to exceed customer expectations. With continuous improvements in material, machining and assembly techniques.

USER FRIENDLY DESIGN

All Hertz Kompressoren models are built for a broad range of applications, easy maintenance, have long service intervals and low operating costs. All spare parts are easily available at all service centres across our network of branches.

WORLDWIDE DISTRIBUTION

Hertz Kompressoren offers the most reliable solutions for all kinds of applications worldwide. Hertz Kompressoren is represented by subsidiary companies and authorised partners in over 50 countries. CAPS AUSTRALIA is the exclusive supplier in Australia.

The ultimate in efficiency...



**Oil-Injected Rotary Screw Air Compressors
HSC 15-37**



HSC 15-37 Rotary Screw Compressors

Hertz screw compressors are designed to serve you trouble free, and each component is selected carefully in accordance with this purpose.

AIREND

High efficiency airend design is based on the newest rotor profile and lobe combination, which is the result of extensive experience with screw compressor performance, new CAD methods and use of modern production technology.

The new rotor profile with minimised “blow hole” reduces torque requirements, which means lower power consumption.

AIR INTAKE SYSTEM

Replaceable glassfibre panel type pre-fibre and dry type paper filter element, eliminates dusty ambient problems.

AIR / OIL SEPARATION

Effective design provides three stage separation.

Long life separator elements reduce oil in compressed air less than 3 ppm.

Spin-on elements provide fast and easy separator element replacement [HSC 15-37].

THERMOSTATIC VALVE

4 way thermostatic valve on a multi-block, provides trouble free operation in low ambient temperatures.

COOLING SYSTEM

High performance and efficient cooling system ensure the compressor runs at optimum temperatures continuously.

Long life free operation with “bar/plate” type aluminium combi-cooler, Coolers are selected to provide trouble free operation even in high ambient temperatures.

Silent and efficient axial fans with new blade profiles.

Water-cooling option with “bar/plate” type copper heat-exchangers.

New fan-housing designs to service and clean coolers easily.





DRIVING SYSTEM

Belts are selected according to 25,000 hours operation. Pulleys with taper bush can be easily disassembled and assembled. Easy belt tensioning system provides trouble free operation.

CONTROL PANEL AND CUBICLE

Electronic LCD panel indicates operational and service activities in the easiest way to make everybody understand. Different types of safety systems provide protection from many types of risk.

All electrical components in the cubicle are chosen from well known brands.

VIBRATION PAD

Special rubber vibration pads eliminates vibration and problems it may cause.



HSC 15-37 Rotary Screw Compressors

CANOPY DESIGN

- Demountable canopy doors provide easy access to every point of the machine.
- Soundproof steel canopy is internally covered with flame proof, special material to provide low noise levels.

STANDARD EQUIPMENT

- Screw compressor
- 415 V/3 ph/50 Hz, IP 54 TEFC motor
- Direct drive system with belt pulley
- Demountable acoustic canopy
- Rigid steel base
- Three micron dry type air inlet filter
- Air/oil separator element with 3 ppm efficiency and tank
- Ten micron full flow oil filter
- Minimum pressure valve
- Thermostatic valve
- Pressure relief valve
- Blowdown valve with silencer
- Star-delta cubicle
- Hertz H8 electronic control panel



HSC 15 / HSC 18.5 / HSC 22 / HSC 30 / HSC 30B / HSC 37 HSC 15-37 Series

Technical Data and Dimensions*

Model	Bar	m ³ /min.	kW/Hp	L (mm)	W (mm)	H (mm)	Air Connection	dBA	Kg
HSC 15	7.5	2.65	15 / 20	1250	850	1465	1"	69	410
	10	2.3							
	13	1.85							
HSC 18.5	7.5	3.3	18.5 / 25	1250	850	1465	1"	69	420
	10	2.8							
	13	2.4							
HSC 22	7.5	3.75	22 / 30	1250	850	1465	1"	70	450
	10	3.5							
	13	3.0							
HSC 30	7.5	4.6	30 / 40	1550	1030	1750	1 1/4"	70	683
	10	4.0							
	13	3.6							
HSC 30B	7.5	5.2	30 / 40	1550	1030	1750	1 1/4"	70	710
	10	4.3							
	13	3.7							
HSC 37	7.5	6.4	37 / 50	1550	1030	1750	1 1/4"	70	742
	10	5.4							
	13	4.3							

*The specifications and details are subject to change without prior notice

60 Hz versions are available upon request.



COOLING SYSTEM

- High efficiency combi 'Bar/Plate' type air/oil aftercooler
- Cooling fan on separate motor
- Factory filled with 4000 hr oil

SAFETY SYSTEM

- Motor overload shutdown
- Fan motor overload shutdown
- Phase sequence shutdown
- High airtend discharge temperature shutdown
- High discharge pressure shutdown
- Change separator element indicator
- Air filter change warning
- Pressure relief valve
- Emergency stop button





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