



HPC SERIES STARTING AIR HIGH PRESSURE RECIPROCATING AIR COMPRESSORS



STANDARD EQUIPMENT

High quality components, such as IP55 electric motors cast iron cylinder and crank cases dynamically balanced cast steel crank shaft and counter weight, cast steel connecting rods, CE certified air tanks complying with SPVD and designed as per EN 286-1 standard.



RELIABILITY

HERTZ reciprocating compressors have laid the foundation of the trust for the HERTZ brand as they had been working for many years in many different applications and industries, especially in small enterprises since 1969, when they were first produced. HERTZ reciprocating compressors, which are trouble-free and with a long service life, may be used safely in many applications with single and double stage options.



MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 230/460V/3 phase/60Hz IE3 IP55 electric motor
- Special starting system with automatic discharge for no-load start



COMPRESSOR BLOCK

- Cast iron cylinder with cooling fins and special aluminium alloy cylinder heads
- Specially designed high-speed stainless steel concentric valves.
- Cast iron crankcases of high strength
- Dynamically-balanced cast iron crankshaft and counterweight
- Special alloy aluminium pistons and iron cast connecting rods
- Specially designed finger-type, stainless steel high efficiency suction-discharge valves
- Stainless steel suction-discharge valves, specially designed for high pressure strength





HPC SERIES STARTING AIR High Pressure Reciprocating Air Compressors

HERTZ proudly introduces HPC series of high pressure reciprocating compressors, which are developed in order to be used in all applications requiring high pressure, especially in the maritime sector, where Hertz has shown a keen interest and served from the day of its establishment until today.

MAIN MOTOR AND DRIVE SYSTEM

- Belt-pulley drive system
- Specially designed fan type cast iron pulley
- Easy belt tensioning system



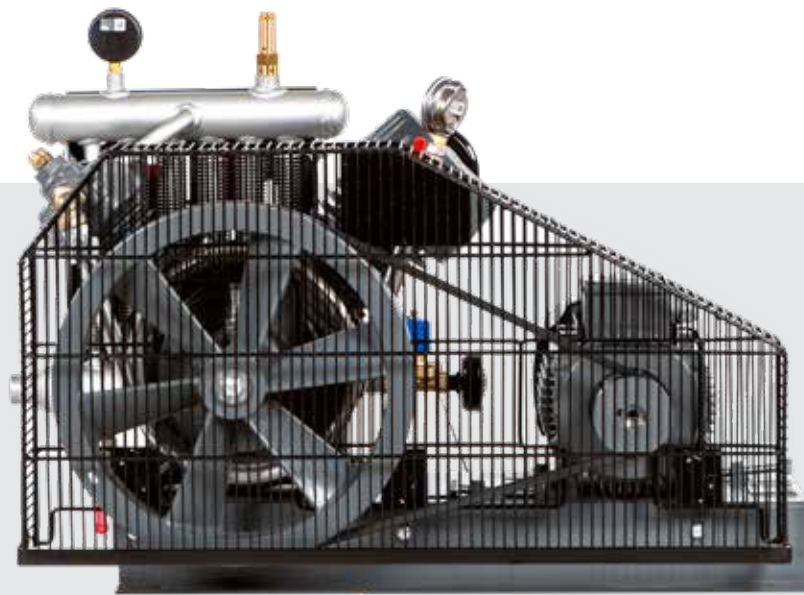
SAFETY SYSTEMS

- Manual discharge valve
- Integrated check valve on the air outlet line
- Belt pulley housing grill
- High pressure switch
- First and second stage safety valves
- Outlet pressure manometer
- First stage pressure gauge

OTHER FEATURES

- Automatic discharge system for no-load start
- Bearings with a long service life
- Outlet air cooling radiator
- Air suction filter and silencer





OPTIONS

- High pressure dryer
- High pressure air tank comply with ASME standard
- Wye-Delta motor starting system
- Main motor with IE4 efficiency class



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High Pressure Reciprocating Air Compressors

TECHNICAL DATA

Model	Pressure		Capacity (intake)		Motor Power	Connection Size	Dimensions (in.)			Weight
	bar	psi	m ³ /min	cfm	kW/HP		Length	Width	Height	lbs
HPC-H5	40	580	0.50	18	4/5.5	3/4" NPT	36.7	22.7	26.1	337
HPC-H15	40	580	1.06	37	11/15	1" NPT	51.7	47.8	28.3	800
HPC-H20	40	580	1.66	59	15/20	1" NPT	51.0	35.3	32.8	930

* HERTZ KOMPRESSOREN reserves its rights to make changes in its products and specifications without prior notice.