



## HPC SERIES STARTING AIR -HIGH PRESSURE RECIPROCATING AIR COMPRESSORS



### STANDARD EQUIPMENT

High quality components such as IP55 electric motors with the IE3 efficiency class, star-delta motor starter system, electrical materials selected according to IEC, UL/cUL, CE standards as per the market requirements, durable compressor blocks are provided as standart in all our products.



### RELIABILITY

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.



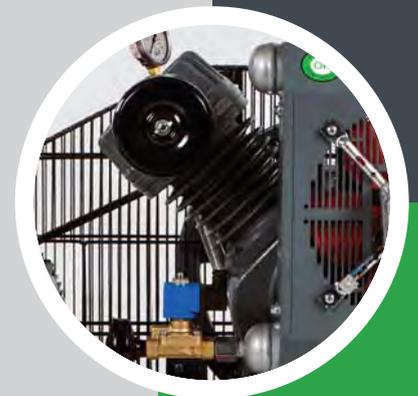
## MAIN MOTOR AND DRIVE SYSTEM

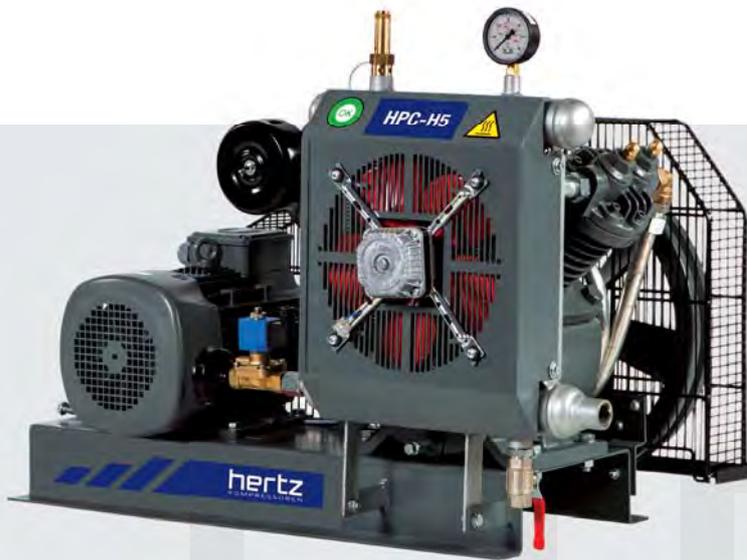
- High efficiency 400V/3 phase/50Hz IE3 IP55 electric motor
- Special loadless start system and automatic discharge system for loadless start



## 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 with high strength
- Dynamically-balanced cast steel crankshaft and counterweight
- Special alloy aluminium pistons and steel cast connecting rods
- Specially designed finger-type, high-capacity stainless steel suction-discharge valves
- Stainless steel suction-discharge valves, specially designed for high pressure strength





# HPC SERIES STARTING AIR

## High Pressure Reciprocating Air Compressors

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### MAIN MOTOR AND DRIVE SYSTEM

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

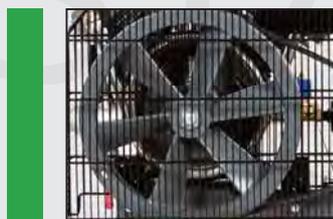


### SAFETY SYSTEMS

- 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 manometer

### OTHER FEATURES

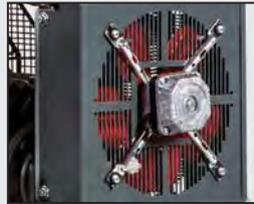
- Turkish and French Lloyd Bureau Veritas type-approval certifications
- Automatic discharge system for loadless start
- Bearings with a long service life
- Outlet air cooling radiator
- Air suction filter and silencer





#### OPTIONS

- High pressure dryer
- High pressure air tank made of CE certified P265GH pressurized container steel
- Star delta motor starting system
- Main motor with IE4 efficiency class



## TECHNICAL DATA

MODEL	PRESSURE		CAPACITY (intake)		MOTOR POWER kW/HP	CONNECTION SIZE	DIMENSIONS mm			WEIGHT kg
	bar	PSI	lt/min	SCFM			Width	Depth	Height	
HPC-H5	40	580	507	17,9	4/5.5	3/4"	933	576	662	153
HPC-H15	40	580	1060	37,4	11/15	1"	1312	1213	718	363
HPC-H20	40	580	1657	58,5	15/20	1"	1295	897	832	422

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

