

Piston Compressors

HPC SERIES LOW PRESSURE

HPC – L75 / HPC – L106

hertz[®]
KOMPRESSOREN



HERTZ promises suitable, trouble-free equipment with high performance for every kind of application with its HPC series low pressure reciprocating air compressors. Manufacturing and assembly of every single part of these compressors, in which latest engineering softwares are used during design and analysis phases, are achieved with international quality standards. HERTZ proudly presents its HPC series low pressure reciprocating air compressors developed for on-truck and on-ground facilities of pneumatic transfer applications..

LONG LIFECYCLE

Cast-iron crankcase and cylinders, pistons operated at low-speed, corrosion and heat-resistant stainless steel valves, cylinders and bare pumps with cooling fins make HERTZ HPC series low pressure reciprocating air compressors durable for life.

EASY TO USE

HPC series low pressure reciprocating air compressors are manufactured to be employed in all applications without any performance loss. High quality, high performing parts are used in manufacturing and assembly of our products. They are designed to make users in every level of experience easily learn the controls.

COMPRESSOR BLOCK

- Heavy-duty type cast-iron crankcases contain oil level indicators on crankcase, blowdown valve and oil fill / drain plugs.
- Cast-iron cylinders with cooling fins help the system preventing overheating.
- Dynamically balanced and precisely manufactured spheroidal cast crankshafts and cast-iron counter weights prolong the lifecycle of the compressor.
- Lightweight pistons casted from special aluminum alloy and spheroidal cast connecting rods which are less sensitive to temperature changes not only apply less

pressure to crankshaft but also help the compressor run even in most challenging environments.

- Special design spheroidal cast concentric valves, which are capable of holding airflow in upper levels as well as working at high temperatures, are specified.
- Compression and oil retaining rings are used for holding the airflow maximized and preventing oil leaks.

MAIN MOTOR AND DRIVE SYSTEM

- High efficiency IE3 class IP55 motors are used as standard.
- Direct-drive mechanism with a flexible coupling.
- Compressor block is effectively cooled by a high capacity fan directly coupled to main motor shaft.

SAFETY SYSTEMS

- Pressure discharge valve
- Manual discharge valve
- Outlet pressure gauge

STANDARD FEATURES

- Reciprocating compressor block
- 400V/3 phase/50Hz IE3 efficiency class IP55 main motor
- Direct-drive system with flexible coupling
- Long-life bearings
- Air intake filter and its silencer
- Oil splash lubrication system
- Oil level indicator

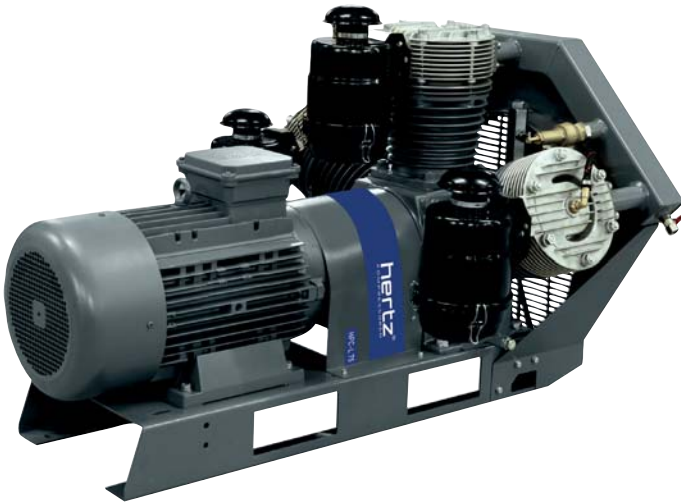
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SPECIFICATIONS

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OPTIONS

- Water separator
- CE certified air receiver made from P265GH pressure vessel steel
- Motor drive system with star-delta connection
- Soft-starter
- Power supply options other than 400V/3 phase/50Hz

MODEL	PRESSURE		CAPACITY (intake)		MOTOR POWER kW/HP	CONNECTION SIZE	DIMENSIONS mm			WEIGHT kg
	bar	PSI	lt/min	SCFM			Width	Depth	Height	
HPC L75	3	43,5	7090	250	18,5/25	2"	1250	1015	855	364
HPC L106	3	43,5	10543	372	22/30	2"	1250	1015	855	380

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

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