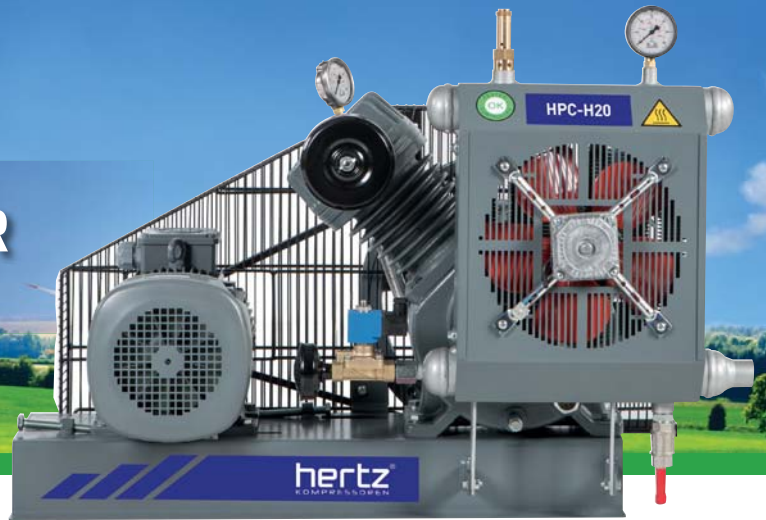


Piston Compressors

HPC SERIES STARTING AIR

HPC – H5 / HPC – H15 / HPC – H20

hertz[®]
KOMPRESSOREN



HERTZ proudly presents its HPC series starting air compressors developed for all applications where medium pressure is a must, especially for the maritime sector.

LONG LIFE

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 high pressure reciprocating air compressors durable and problem free.

MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 400V/3 phase/50Hz IE3 class IP55 electric motor
- Drive system with belt-pulley mechanism
- Belts have a working life of a minimum 25,000 hours
- Special design fan-type cast-iron pulley
- Easy belt tensioning system
- Special loadless operation system

COMPRESSOR BLOCK

- Heavy-duty type cast-iron crankcase with oil level indicator, blowdown valve and oil fill/drain plug
- Cast-iron cylinders with cooling fins
- Cast-steel crankshaft and counter weight
- Lightweight pistons casted from special aluminum alloy and cast-steel connecting rods

- Specially designed finger-type high capacity stainless steel inlet-outlet valves in the first stage
- Specially designed the inlet-outlet valves for high pressure conditions in the second stage
- Compression and oil retaining rings

OTHER FEATURES

- Type approval certifications from BV
- Automatic discharge system for loadless start
- Long-life bearings
- Air-cooled aftercooler
- Air intake filter and its silencer
- Oil splash lubrication system
- Oil level indicator

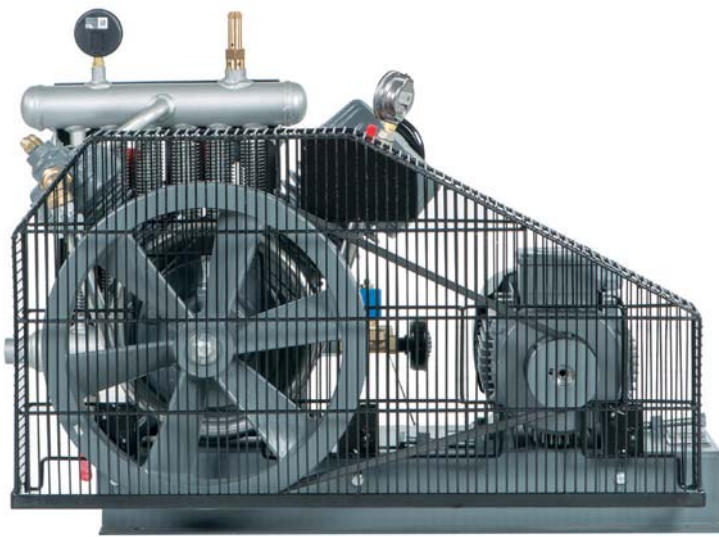
SAFETY SYSTEMS

- Manual discharge valve
- Discharge check valve
- Belt-pulley guard
- Over pressure switch
- First and second stage safety valves
- Outlet pressure gauge
- First stage pressure gauge

HPC SERIES STARTING AIR

HPC – H5 / HPC – H15 / HPC – H20

SPECIFICATIONS



OPTIONS

- High pressure air dryer
- 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-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.

