

Piston Compressors

HPC SINGLE & DOUBLE

HPC – S1 / HPC – S2 / HPC – S3 / HPC – S5 / HPC – S7
HPC – S10 / HPC – T2/200 / HPC – T5 / HPC – T7 / HPC – T10

hertz[®]
KOMPRESSOREN



TIME PROVEN DESIGN

Thanks to continuous development and innovation of material, machining and assembly techniques, HERTZ products will exceed your expectations.

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 reciprocating air compressors durable and problem free.

USER FRIENDLY DESIGN

All HERTZ models are manufactured to suit a broad range of applications, have easy & minimum maintenance, long maintenance intervals and low operating costs. All spare parts are easily accessible at all service locations across the widespread after-sales service network.

COMPRESSOR BLOCK

- Heavy duty cast-iron crankcase
- Cast-iron cylinders with cooling fins
- Sphero cast crankshaft
- Lightweight pistons and special aluminum cast connecting rods
- Special design finger-type high capacity and high pressure-resistant inlet-outlet valves
- Compression and oil retaining rings

SAFETY SYSTEMS

- Blow down valve for loadless start (for 4kW motor power and more)
- Pressure switch
- Non-return valve
- Belt-pulley guard
- Safety valve
- Manometer

MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 400V/3 phase/650Hz IE3 class IP55 electric motor
- Drive system with belt-pulley mechanism
- Belts have a working life of minimum 25,000 hours
- Special design fan type cast-iron pulley
- Easy adjustment belt tension

OTHER FEATURES

- CE certified air receiver made from P265GH pressure vessel steel
- Long-lifetime bearings
- Air intake filter and silencer for loadless operation
- Oil splash lubrication system
- Oil level indicator

OPTIONS

- Automatic condensate drain valve for air receiver
- Thermic magnetic circuit-breaker (up to 4kW motor power)
- Motor drive system with star-delta connection (between 5.5-7.5 kW motor power)
- Soft-starter
- Power supply options other than 400V/3 phase/50Hz

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SPECIFICATIONS

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MODEL	PRESSURE		CAPACITY (intake)		MOTOR POWER kW/HP	CONNECTION SIZE	DIMENSIONS mm			WEIGHT kg	AIR RECEIVER lt
	bar	PSI	lt/min	SCFM			Width	Depth	Height		
Single-Stage Reciprocating Series											
HPC-S1	8	115	205	7.2	1,1/1,5	1/2"	1202	426	894	93	80
HPC-S2	8	115	327	11.5	1,5/2,0	1/2"	1202	426	914	106	80
HPC-S3	8	115	410	14.5	2,2/3,0	1/2"	1531	450	1037	135	200
HPC-S5	8	115	607	21.4	4,0/5,5	1/2"	1830	466	1145	209	250
HPC-S7	8	115	1013	35.8	5,5/7,5	3/4"	1927	664	1291	308	500
HPC-S10	8	115	1657	58.5	7,5/10	3/4"	1926	668	1413	390	500
Double-Stage Reciprocating Series											
HPC-T2/200	12	175	205	7.2	1,5/2,0	1/2"	1532	450	983	145	200
HPC-T5	15	215	507	17.9	4/5,5	3/4"	1832	474	1097	230	250
HPC-T7	12	175	856	30.2	7,5/10	3/4"	1920	658	1298	374	500
HPC-T10	15	215	828	29.2	7,5/10	3/4"	1925	669	1406	439	500

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

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