

HLA SERIES

Oil lubricated, air cooled piston compressor

With the HLA series, ALMiG offers, in addition to its comprehensive portfolio of screw compressors, a new series of oil-lubricated piston compressors.

The use of high-quality cast iron for the main components such as cylinders, cylinder heads, connecting rods and pistons and the use of stainless steel valves and modern roller bearings is proof of the high quality of these piston compressors.

All these measures result in a very high durability and thus a long service life of the entire piston compressor. The HLA series impresses with reliable and robust operation at a comparatively low cost.

Application

Industry and crafts

Power output

1.5 - 11 kW

Volume flow acc. to ISO 1217
(Annex C-2009)

181 - 1220 l/min

Operating pressure

10 bar

Cooling

Air-cooled

Drive

V-belt

Intake filter

Effectively filters the air and dampens the sounds of the air intake.

Inlet and outlet valve

Large butterfly valves are used in all units for high efficiency and long life.

Cooling

Compact, streamlined air ducts in the cylinder head enable fast and efficient cooling.

Balanced crankshaft

Made of high-strength, alloyed steel. The surface hardening in the contact area results in less vibration and quiet operation.

Durable cylinders

Ground cylinder walls reduce friction and wear to a minimum.

Crankcase

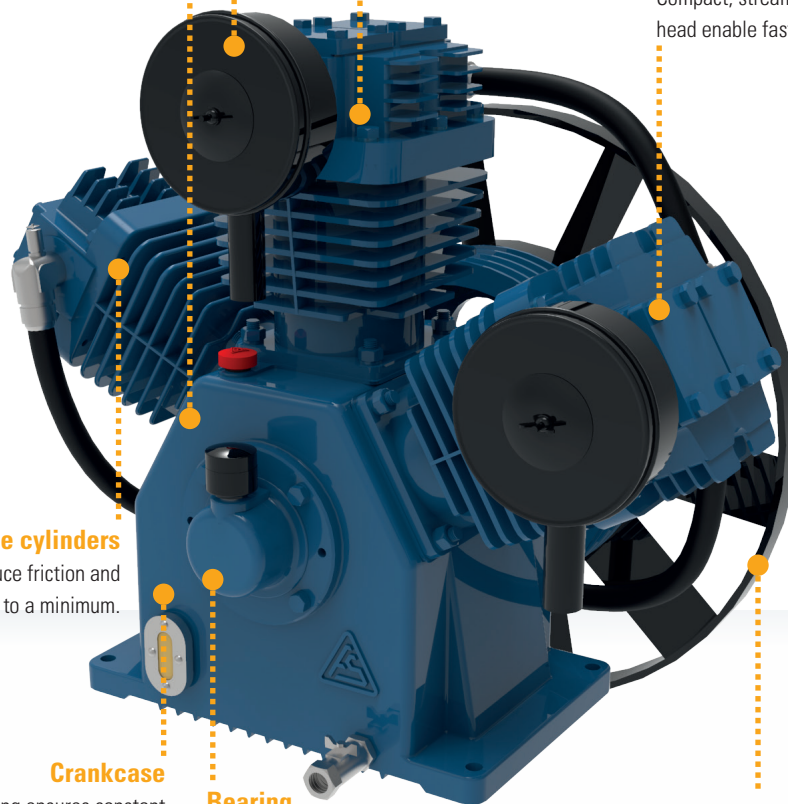
Sufficient dimensioning ensures constant availability of the coolant.

Bearing

High-quality ball bearings are used to ensure a long service life.

Fan wheel

The balanced fan wheel ensures safe operation and supplies the system with sufficient cooling air.





HLA 02-10-90



HLA 06-10-270 V



HLA 08-10-500

50 Hz

HLA	Motor power	Receiver	Speed (aggregate)	Max. operating overpressure	Intake volume	Effective delivery volume ¹⁾	Dimensions	Number of cylinders	Number of stages	Compressed air line connection	Weight
Model	kW		1/min	bars	l/min	l/min	mm			G	kg
HLA 02-10-90	1.5	90l, horizontal, mobile	800	10	249	181	1079x906x496	3	2	1/2"	101
HLA 02-10-150	1.5	150l, horizontal, mobile	800	10	249	181	1367x939x507	3	2	1/2"	117
HLA 02-10-150 V	1.5	150l, vertical, stationary	800	10	249	181	673x1466x712	3	2	1/2"	109
HLA 03-10-90	2.2	90l, horizontal, mobile	950	10	300	221	1079x906x496	3	2	1/2"	106
HLA 03-10-150	2.2	150l, horizontal, mobile	950	10	300	221	1367x939x507	3	2	1/2"	122
HLA 03-10-150 V	2.2	150, vertical, stationary	950	10	300	221	673x1466x712	3	2	1/2"	115
HLA 03-10-270 V	2.2	270l, vertical, stationary	950	10	300	221	673x1749x812	3	2	1/2"	145
HLA 06-10-150	4	150l, horizontal, mobile	950	10	569	450	1357x1070x507	3	2	1/2"	169
HLA 06-10-270	4	270l, horizontal, mobile	950	10	569	450	1635x1243x657	3	2	1/2"	234
HLA 06-10-270 V	4	270, vertical, stationary	950	10	569	450	843x1889x812	3	2	1/2"	197
HLA 08-10-270	5.5	270l, horizontal, mobile	680	10	750	600	1580x1311x657	3	2	3/4"	315
HLA 08-10-500	5.5	500l, horizontal, stationary	680	10	750	600	1987x1338x638	3	2	3/4"	337
HLA 10-10-270	7.5	270l, horizontal, mobile	920	10	1011	801	1580x1311x657	3	2	3/4"	324
HLA 10-10-500	7.5	500l, horizontal, stationary	920	10	1011	801	1987x1338x638	3	2	3/4"	347
HLA 15-10-500	11	500l, horizontal, stationary	860	10	1560	1220	1960x1406x664	3	2	3/4"	389

¹⁾ effective delivery volumes in compliance with ISO 1217