

A close-up photograph of a silver, multi-lobed metal compressor rotor. The rotor has a central threaded hole and is set against a dark blue background with a subtle, swirling pattern. The lighting highlights the metallic texture and the curved surfaces of the lobes.

KOBELCO

KA Series

Oil Flooded Air Compressor

KOBELCO

Major manufacturer of rotary screw type compressors for both production and specialty applications since 1955, known world-wide as the number one supplier of specialty compressors. Kobelco Compressors (America), Inc. was established in 1988 to manufacture, supply and support a broad line of industrial compressors to U.S. and global markets. Using world class knowledge of design and engineering, we developed a low cost, superior product, matched with a dependable and efficient control system. Our success is in energy saving, high quality compressed air and dependable long term operation.

KA Series

Rotary Screw Air Compressors



KA 15, 20, 25, 30
Tank Mounted

Direct Drive to COMPRESSION



Digital Control

Manufactured and Stocked In-House



KOBELCO
COMPRESSORS

Corporate office, manufacturing and
warehouse - Elkhart, Indiana, USA

Quality and Dependability Through Design

Design Features Installed on KA Series Models.

Overall Design Points;

- Easy access to all scheduled maintenance items from one side.
- Heavy duty construction still allows passage through a 36 inch door frame.

1 Air End;

- Advanced Patented Rotor design for lower noise, long life and maximum efficiency.
- Direct Drive (no gears) eliminates the need for periodical alignments and belt maintenance.
- Differential pressure lubrication which allows zero sump pressure.
- 5 Year Limited Warranty *(Reduction of warranty for 175 psig models)

2 Air/Oil Separator Tank;

- New cyclonic technology has proven exceptional separation performance.
- Proper lubrication level can be easily seen without having to shut down the compressor.
- No internal separator element, eliminating messy, time consuming replacement.

3 Spin on Filter Elements;

- Lubricant and Air/Oil Coalescing filters are simpler and quicker to replace with less cost.
- Oversized multiple stage air/oil separator results in below 2 ppm (W) oil carry over.

4 Cooling System;

- Oversized coolers for optimum performance, low approach temperatures and longer lubricant life.
- Integrated thermostat allows for reduced piping.

5 Motor;

- 208-230/460 volts NEMA, ODP motor with cast iron frame is standard. 200 volt is also available.

6 Digital Control;

- User friendly featuring easy adjustments.
- Solid-state reliability.
- Diagnostic monitoring.
- Analog option also available.

Energy Saving;

- Zero sump pressure during unload dramatically reduces energy consumption.
- EPA efficient motors are standard and premium efficient motors are available.

5 YEAR LIMITED WARRANTY



KA 15, 20, 25, 30
Sound Enclosed
Model



KA 40, 50
Sound Enclosed
Model



KA Series

Performance and Technical Data

CAPACITY, ACFM*

PERFORMANCE

Motor HP		15	20	25	30	40	50
Standard pressure model (Max operation 125PSIG)							
Model		KA15-L	KA20-L	KA25-L	KA30-L	KA40-L	KA50-L
Capacity (@100PSIG)	ACFM	55	83	98	126	172	205
Capacity (@125PSIG)	ACFM	55	82	96	126	169	203
High pressure model (Max operation 175PSIG)							
Model		-	KA20-H	KA25-H	KA30-H	KA40-H	KA50-H
Capacity (@150PSIG)	ACFM	-	54	81	95	118	167
Capacity (@175PSIG)**	ACFM	-	53	80	93	116	164

* Air delivery rating in accordance with CAGI/PNEUROP Standard PN2CPTC2.

** Operation at the pressure requires a change in warranty.

DIMENSIONS

Model		KA15	KA20	KA25	KA30	KA40	KA50
Open model (Standard, Base mount)							
L	Inches	63	63	63	63	65	65
W	Inches	32.5	32.5	32.5	32.5	34	34
H	Inches	37.7	37.7	37.7	37.7	45.25	45.25
Weight ^Δ	Lbs.	775	775	775	775	995	995
Sound Enclosed model (Optional, Base mount)							
L	Inches	69	69	69	69 (81*)	74	74
W	Inches	33.5	33.5	33.5	33.5	33.5	33.5
H	Inches	39.5	39.5	39.5	39.5	46.5	46.5
Weight ^Δ	Lbs.	1070	1070	1070	1070	1550	1550
Tank mounted model (Optional)							
Tank Volume	Gal.	120** / 200***				200	
L* / L**	Inches	69/79	69/79	69/79	69/79(81*)	79	79
W* / W**	Inches	34	34	34	34	34	34
H* / H**	Inches	67.7/75.5	67.7/75.5	67.7/75.5	67.7/75.5	81.25/82.5	81.25/82.5

* L=81 inches for 30HP Standard pressure model only.

** For Open model.

*** For Enclosed Model

^Δ Weights are approximate and do not include shipping pallet/skid weights.

Kobelco authorized maintenance replacement items are stocked and readily available to promote optimum performance. Ask your Kobelco representative for all the details.



KOBELCO

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