WORLD CLASS · EFFICIENCY · RELIABILITY

k|r|s|b

SINGLE STAGE ROTARY



KAISHAN

Kaishan Compressor Global

DIGITAL CONTROL PANEL

Monitors & Controls Key Compressor Functions

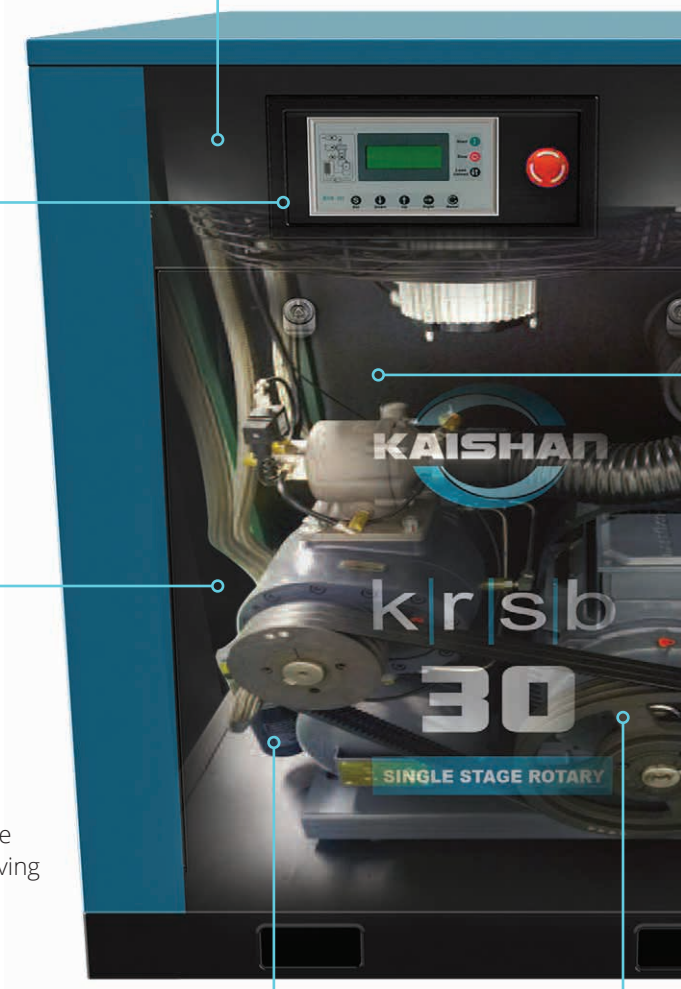
- Protects compressor in the event of a fault
- Provides service required alert
- Sequencing of up to 16 compressors
- External monitoring via RS 485 interface
- WYE Delta starter (15 HP+) standard to reduce in rush current



AXIAL COOLING FANS

Increased Cooling Efficiency

- Higher static pressure allows for heat recovery ducting
- Even air flow across the cooler face



PREMIUM DISCHARGE BEARINGS

Longer Bearing Life / Quieter Operation

- The "SKK" series belt drive air ends use two discharge bearings to absorb radial and axial loads
- Longer bearing life under all operating conditions
- Increased load carrying capacity

DIRECT FLOW INLET VALVE

Minimum Pressure Drop / Increased Output

- Lower pressure drop through the intake, increasing output and saving energy



'SKK' SERIES AIR END

Maximum Output with Less Energy Usage

- Asymmetric 5 / 6 rotor profile with 100% SKF bearings
- KAPP Grinder rotor technology for tighter clearances and improved lubrication
- Precision machined bell housing to maintain coupling alignmen

BELT GUARD (not shown)

- All rotating parts protected with a fully enclosed belt guard as standard

AIR INTAKE FILTERS

Increased Filtration Efficiency

- Full airflow, low restriction, nanofiber technology
- Deep bed media ensures excellent dust capture
- Increased free air delivery for further savings in energy and running costs





SAFETY AND THE ENVIRONMENT

Reduced OSHA Risk and Injury

- The entire Kaishan range of compressors includes full safety features such as rotating component guards and shrouded electrical components

EFFICIENTIAL OIL SEPARATION

- 10-20 HP use spin on separator elements for ease of service
- 25-50 HP use traditional tank inserted separator elements
- Residual oil carryover limited to 3 ppm

SINGLE PASS OIL & AFTER COOLERS

Long Life / Easily Accessible

- Minimize thermal stress
- Cooler running temperatures 122F° (50°C) ambient capable
- Low oil carryover increases bearing life
- Low cooling air velocity reduces dust build up

INDUSTRIAL GRADE ELECTRICALS

Increased Reliability / Lower Servicing Cost

- Outstanding reliability
- Excellent component life
- Worldwide support
- Standard electrical parts available locally

HIGH EFFICIENCY ELECTRIC MOTORS

Long Operating Life / Lower Power Use

- Kaishan Compressor uses high efficiency motors, which comply with all international standards
- TEFC (IP 54) standard, IEC frame
- Class F insulation
- Premium, efficient motors

WORLD WIDE SUPPORT

- Globally recognized industrial presence
- Vertically integrated global strategy
- Practiced environmental sustainability
- Guaranteed lowest cost of ownership throughout life cycle

WORLD CLASS ENGINEERING

- Low part load energy consumption
- Steady system pressure
- Efficient airflow within a narrow pressure band
- Slow speed rotors
- Decreased energy consumption
- Duplex SKF bearings
- 5 / 6 rotor profile
- Very tight tolerances
- Direct flow inlet valve

WORLD CLASS EFFICIENCY

KRSB SERIES SPECIFICATIONS

380V/60hz

MODEL KRSB	CAPACITY ACFM	POWER HP	PRESSURE PSI	MAXIMUM PSI	NOISE dB(A)	DIMENSIONS (IN.) L	W	H	WEIGHT LB
KRSB10-115	36	10	115	125	70	40	30	44	816
KRSB10-125	35	10	125	135	70	40	30	44	816
KRSB10-150	29	10	150	160	70	40	30	44	816
KRSB15-115	58	15	115	125	71	44	33	49	1213
KRSB15-125	52	15	125	135	71	44	33	49	1213
KRSB15-150	48	15	150	160	71	44	33	49	1213
KRSB20-115	86	20	115	125	72	44	33	49	1565
KRSB20-125	79	20	125	135	72	44	33	49	1565
KRSB20-150	73	20	150	160	72	44	33	49	1565
KRSB25-115	105	25	115	125	73	46	36	56	1631
KRSB25-125	97	25	125	135	73	46	36	56	1631
KRSB25-150	93	25	150	160	73	46	36	56	1631
KRSB30-115	119	30	115	125	73	46	36	56	1653
KRSB30-125	111	30	125	135	73	46	36	56	1653
KRSB30-150	102	30	150	160	73	46	36	56	1653
KRSB40-115	187	40	115	125	74	55	43	66	2293
KRSB40-125	176	40	125	135	74	55	43	66	2293
KRSB40-150	166	40	150	160	74	55	43	66	2293
KRSB50-115	223	50	115	125	75	55	43	66	2315
KRSB50-125	212	50	125	135	75	55	43	66	2315
KRSB50-150	190	50	150	160	75	55	43	66	2315

Performance test based on ISO 1217.

KRSB SERIES SPECIFICATIONS

380V/50hz

MODEL KRSB	CAPACITY m^3/min	POWER kW	FULL LOAD bar	MAXIMUM bar	NOISE dBA Rating at 1 meter	DIMENSIONS (mm) L	W	H	WEIGHT KG
KRSB-7-8	1.09	7	8	8.5	72	1020	660	1050	255
KRSB-7-10	0.92	7	10	10.5	72	1020	660	1050	255
KRSB-7-13	0.77	7	12.5	13	72	1020	660	1050	255
KRSB-11-8	1.61	11	8	8.5	72	1020	660	1050	315
KRSB-11-10	1.42	11	10	10.5	72	1020	660	1050	315
KRSB-11-13	1.2	11	12.5	13	72	1020	660	1050	315
KRSB-15-8	2.23	15	8	8.5	72	1100	730	1200	475
KRSB-15-10	2.1	15	10	10.5	72	1100	730	1200	475
KRSB-15-13	1.7	15	12.5	13	72	1100	730	1200	475
KRSB-18-8	2.8	18	8	8.5	72	1100	730	1200	490
KRSB-18-10	2.48	18	10	10.5	72	1100	730	1200	490
KRSB-18-13	2.2	18	12.5	13	72	1100	730	1200	490
KRSB-22-8	3.2	22	8	8.5	72	1100	730	1200	525
KRSB-22-10	2.8	22	10	10.5	72	1100	730	1200	525
KRSB-22-13	2.4	22	12.5	13	72	1100	730	1200	525



MEMBER OF CAGI Compressed Air & Gas Institute

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

SYSTEM CERTIFICATION ISO 14001 SGS

CNAS

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