k|r|s|t

SINGLE STAGE ROTARY



KAISHAN

Kaishan Compressor USA

MAM-200 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&20 HP) standard to reduce electrical load stress



INTEGRATED AFTER COOLER & COOLING FANS

Increased Cooling Efficiency

- Efficient cooling for high ambient temperatures
- 14°F (10°C) approach temperature



316 STAINLESS STEEL CONTROL TUBING

Long Tubing Life / Reduced Downtime

- Increased reliability due to corrosion free material
- Material such as nylon, copper or mild steel will fail in time causing downtime

132 GALLON AIR RECEIVERS STANDARD

- Reduced load cycles to minimize energy consumption
- Reduced control/system wear and tear
- Peak demand coverage
- Increased condensate removal
- Design approved to ASME Section VIII

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, IE3 efficiency

'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

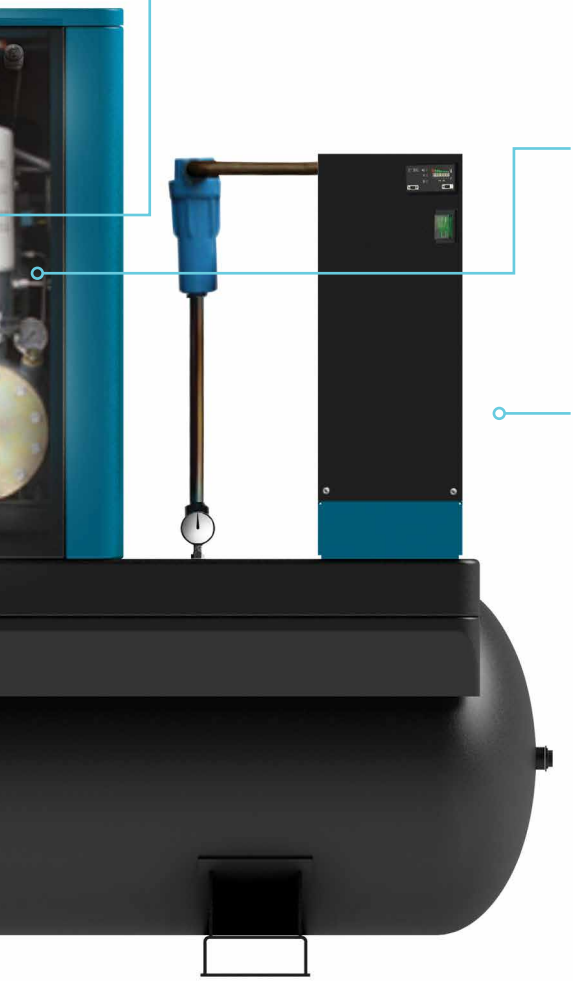
LARGE CYCLONIC AIR INTAKE FILTRATION

- Minimal pressure drop for increased efficiency
- High level contaminant removal
- Long element life
- Outstanding protection for your investment

SAFETY AND THE ENVIRONMENT

Reduced OSHA Risk and Injury

- The entire Kaishan Compressor range of compressors includes full safety features such as guarded rotating components, shrouded electrical components and internal spillage containment



SPIN ON AIR/OIL SEPEARATOR ELEMENT

- Ease of maintenance
- Low pressure drop
- 3 PPM caryover

OPTIONAL INTEGRATED DRYER & AIR FILTER

- Minimizes footprint
- 0.01 micron coalescing dryer pre-filter
- Auto condensate drain
- 38°F-42°F pressure dewpoint

PREMIUM DISCHARGE BEARINGS

Longer Bearing Life / Quieter Operation

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



WORLD WIDE SUPPORT

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

WORLD CLASS ENGINEERING

- Belt drive air end
- Steady system pressure
- Efficient airflow within a narrow pressure band
- Slow speed male rotor
- Decreased energy consumption
- Duplex SKF bearings
- 5 / 6 rotor profile
- Very tight tolerances
- Direct flow inlet valve
- SAE Fittings

WORLD CLASS EFFICIENCY

5 YEAR AIREND WARRANTY



KRST SERIES SPECIFICATIONS

MODEL KTA	CAPACITY ACFM	POWER HP	PRESSURE PSI	MAXIMUM PSI	SOUND dB(A)	DIMENSIONS (IN.) L	W	H	WEIGHT LB	STARTER
KRST-7.5-115	25	7.5	115	125	67	74	26	64	1323	Direct
KRST-7.5-125	25	7.5	125	135	67	74	26	64	1323	Direct
KRST-7.5-150	22	7.5	150	160	67	74	26	64	1323	Direct
KRST-10-115	37	10	115	125	67	74	26	64	1433	Direct
KRST-10-125	37	10	125	135	67	74	26	64	1433	Direct
KRST-10-150	33	10	150	160	67	74	26	64	1433	Direct
KRST-15-115	56	15	115	125	68	75	28	66	1764	Y-Delta
KRST-15-125	56	15	125	135	68	75	28	66	1764	Y-Delta
KRST-15-150	48	15	150	160	68	75	28	66	1764	Y-Delta
KRST-20-115	84	20	115	125	68	75	28	66	1940	Y-Delta
KRST-20-125	83	20	125	135	68	75	28	66	1940	Y-Delta
KRST-20-150	66	20	150	160	68	75	28	66	1940	Y-Delta

Performance test based on ISO 1217.

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