ROGERS MACHINERY COMPANY, INC.

Powered By KOBELCO Oil-Free Screw Technology

Portable Compressors

Oil-Free Air Engineered for the Rental Industry

100% Oil-Free Class 0 Certified Air ▪ Approx. Ship Weight 11600 LBS ▪ Capacity ±4%
Specific Power ± 5% ▪ Max Ambient Temp 104°F ▪ Ambient Pressure 14.5 PSIA

ENGINEERED, ASSEMBLED AND TESTED IN THE USA

PRODUCT DATA	MODEL	UNITS
MOTOR HORSEPOWER		
NAMEPLATE	350	HP
SERVICE FACTOR	438	HP
FL SPEED	3550	RPM
EFFICIENCY	95.8	%
COMPRESSOR SPEED		
1ST STAGE	10780	RPM
2ND STAGE	16170	RPM
ROTOR DIAMETER		
1ST STAGE	186	MM
2ND STAGE	121	MM
DISPLACEMENT		
1ST STAGE	1687	CFM
WORKING PRESSURE		
MINIMUM	40	PSIG
MAXIMUM	150	PSIG
COMPRESSION RATIO		
MAXIMUM	11:1	
GYRATIC MASS OF COMPRESSORS AND COUPLING	42.1	Lbs-Ft²
COMPRESSOR CAPACITY AT PRESSURE		
150 PSIG	1548	ACFM
135 PSIG	1550	ACFM
125 PSIG	1552	ACFM
115 PSIG	1555	ACFM
110 PSIG	1556	ACFM
100 PSIG	1559	ACFM
75 PSIG	1565	ACFM
SHAFT INPUT POWER AT PRESSURE		
150 PSIG	398	BHP
135 PSIG	379	BHP
125 PSIG	364	BHP
115 PSIG	350	BHP
110 PSIG	342	BHP
100 PSIG	327	BHP
75 PSIG	293	BHP
UNLOADED	60	BHP
DISCHARGE AIR CONNECTION	4	IN. FLANGE

PRODUCT DATA	MODEL	UNITS
SPECIFIC POWER CONSUMPTION AT PRESSURE		
150 PSIG	25.7	BHP/100 CFM
135 PSIG	24.5	BHP/100 CFM
125 PSIG	23.5	BHP/100 CFM
115 PSIG	22.5	BHP/100 CFM
110 PSIG	22.0	BHP/100 CFM
100 PSIG	21.0	BHP/100 CFM
75 PSIG	18.7	BHP/100 CFM
SOUND PRESSURE LEVEL		
AVG @ 1 METER	85	dbA
HEAT REJECTION (@ 135 PSI)		
TO AIR	16850	BTU/MIN
COOLING FAN		
DIAMETER	48	IN.
AIR FLOW	25000	CFM
MOTOR	15/1175	HP/RPM
LUBE OIL PUMP		
MOTOR	3/1750	HP/RPM
CAPACITY	16.2	GPM
LUBE OIL SUMP CAPACITY	18	GAL.
DISCHARGE SAFETY VALVE		
SETTING	165	PSIG
MAXIMUM COOLING DUCT ΔP		
SUCTION	0.12	IN. W.C.
OUTLET	0.12	IN. W.C.
DIMENSIONS		
LENGTH	124.5	IN.
WIDTH	74.5	IN.
HEIGHT	110	IN.
CONDENSATE DRAIN CONNECTION (2)	1/2	IN. NPT
MINIMUM RECOMMENDED AIR RECEIVER SIZE	200 1500	FT³ GAL.
AFTERCOOLER TERMINAL APPROACH TEMP.	18	°F