

GPCAS-400VSD KNW A2-D/PX/R



KNW A2-D/PX/R Model GPCAS-400VSD

MULTI-SPEED AIR-COOLED PERFORMANCE DATA

HP MODE	200 HP	250 HP	300 HP	350 HP	400 HP	UNITS	
MOTOR FREQUENCY	30.0	36.0	44.1	51.6	60.0	HZ	
MOTOR SPEED	1776	2132	2609	3053	3550	RPM	
COMPRESSOR SPEED							
1ST STAGE	5394	6473	7921	9269	10780	RPM	
2ND STAGE	8091	9710	11885	13906	16170	RPM	
WORKING PRESSURE							
MINIMUM						50	PSIG
MAXIMUM						150	PSIG
COMPRESSOR CAPACITY							
150 PSIG	705	902	1090	1304	1548	ACFM	
135 PSIG	709	906	1093	1307	1550	ACFM	
125 PSIG	711	908	1096	1310	1552	ACFM	
115 PSIG	713	911	1098	1312	1555	ACFM	
100 PSIG	715	912	1100	1314	1556	ACFM	
SHAFT INPUT POWER							
150 PSIG	194	235	276	327	398	BHP	
135 PSIG	179	219	261	310	379	BHP	
125 PSIG	172	210	250	299	364	BHP	
115 PSIG	163	200	239	287	350	BHP	
100 PSIG	151	186	222	269	327	BHP	
UNLOADED						34	BHP
COOLING FAN	DIAMETER		48	IN.			
	AIR FLOW (MAX)		25,000	CFM			
COOLING FAN MOTOR			15	HP			
			1175	RPM			
LUBE OIL PUMP MOTOR			3	HP			
			1765	RPM			
LUBE OIL PUMP CAPACITY			16.2	GPM			
LUBE OIL SUMP CAPACITY			18	GAL.			
RELIEF VALVE SETTING			165	PSIG			
APPROXIMATE SHIPPING WEIGHT			13000	LBS			
DIMENSIONS	(L X W X H)		192 X 96 X 108	IN			
DISCHARGE AIR CONNECTION			4	IN. NPT			
CONDENSATE DRAIN (QTY 4)			1/2	IN. NPT			
MINIMUM RECOMMENDED AIR RECEIVER SIZE			200	FT ³			
			1500	GAL.			
MAXIMUM AMBIENT TEMP.			104	°F			
MINIMUM AMBIENT TEMP.			-20	°F			

PERFORMANCE DATA

SUGGESTED BREAKER SIZE & FLA	HP	BREAKER	@135 PSIG
	200 HP	250 AMP	215 AMP
	250 HP	350 AMP	264 AMP
	300 HP	375 AMP	313 AMP
	350 HP	450 AMP	366 AMP
	400 HP	500 AMP	415 AMP



800.922.2790

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