

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



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## 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 <sup>3</sup>		
			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

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