

GPCAS-2001SD 100-200HP Oil-Free Air Compressor

Blanchard
ENERGY

CAT

GPCAS-200VSD 100-200HP Oil-Free Air Compressor



100-200HP 11/GHI Model GPCAS-200VSD

MULTI-SPEED AI R-COOLED PERFORMANCE DATA						
HP MODE	100HP	125HP	150HP	175 HP	200HP	UNITS
MOTOR FREQUENCY	31.4	38.5	45	51.3	56.8	HZ
MOTOR SPEED	1886	2310	2700	3076	3408	RPM
COMPRESSOR SPEED						
1ST STAGE	7430	9099	10636	12117	13425	RPM
2ND STAGE	11144	13649	15953	18175	20137	RPM
WORKING PRESSURE						
MINIMUM			40			PSIG
MAXIMUM		135		125		PSIG
COMPRESSOR CAPACITY						
135 PSIG	412	533	616			
125 PSIG	413	534	618	728	812	ACFM
115PSIG	414	535	619	729	814	ACFM
110 PSIG	415	536	620	730	814	ACFM
100 PSIG	417	537	622	732	815	ACFM
75 PSIG	421	540	626	736	819	ACFM
SHAFT INPUT POWER						
125 PSIG	100	125	149	176	197	BHP
115PSIG	96	121	142	168	187	BHP
110PSIG 100	93	117	138	163	182	BHP
PSIG	89	112	131	155	175	BHP
75 PSIG	77	98				
UNLOADED	17	21	27	31	33	BHP
COOLING FAN	DIAMETER		40	IN .		
	AIR FLOW (MAX)		16,000	CFM		
COOLING FAN MOTOR			10	HP		
			1770	RPM		
LUBE OIL PUMP MOTOR			3	HP		
			1765	RPM		
LUBE OIL PUMP CAPACITY			16.2	GPM		
LUBE OIL SUMP CAPACITY			9	GAL.		
RELIEF VALVE SETTING			165	PSIG		
APPROXIMATE SHIPPING WEIGHT			8700	LBS		
DIMENSIONS	(L XWXH)		109 X 72.5 X 100	IN		
DISCHARGE AIR CONNECTION			3	IN.NPT		
CONDENSATE DRAIN (QTY 4)			1/2	IN . NPT		
MINIMUM RECOMMENDED AIR RECEIVER SIZE			1000	GAL.		
MAXIMUM AMBIENT TEMP.			104	°F		
MINIMUM AMBIENT TEMP.			- 20	°F		

MODEL-GPCAS200VSD	
PRODUCT DATA	UNITS
SINGLE POINT ELECTRICAL CONNECTION	SINGLE POLE CAM-LOKS
ELECTRICAL DATA	RUNNING AMPS
STARTER TYPE	VSD
VOLTAGE	460V /3PH

SUGGESTED BREAKER SIZE & FLA	HP	BREAKER	@125 PSI FLA
	100HP	200AMP	130AMP
	125 HP	225 AMP	161 AMP
	150HP	250AMP	184AMP
	175 HP	275 AMP	212AMP
	200HP	300AMP	235 AMP