GPCAS-100VSD
50-100 AO-GHX Oil-Free Air Compressor

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50-100 AO-GHX Model GPCAS-100VSD

MULTI-SPEED AIR-COOLED PERFORMANCE DATA				
HP MODE	**50 HP**	**75 HP**	**100 HP**	**UNITS**
MOTOR FREQUENCY	29	39.5	50.9	HZ
MOTOR SPEED	1740	2370	3054	RPM
COMPRESSOR SPEED				
1ST STAGE	13114	17862	23039	RPM
2ND STAGE	12489	17011	21942	RPM
WORKING PRESSURE				
MINIMUM		40		PSIG
MAXIMUM		135		PSIG
COMPRESSOR CAPACITY				
135 PSIG	166	259	340	ACFM
125 PSIG	167	260	341	ACFM
115 PSIG	168	261	342	ACFM
110 PSIG	169	262	342	ACFM
100 PSIG	170	263	343	ACFM
75 PSIG	174	265	345	ACFM
SHAFT INPUT POWER				
125 PSIG	50	76	100	BHP
115 PSIG	48	73	95	BHP
110 PSIG	46	70	92	BHP
100 PSIG	44	67	88	BHP
75 PSIG	38	57	75	BHP
UNLOADED		9		BHP
COOLING FAN	DIAMETER		32	IN.
	AIR FLOW (MAX)		9900	CFM
COOLING FAN MOTOR			3	HP
			1165	RPM
LUBE OIL PUMP MOTOR			2	HP
			1755	RPM
LUBE OIL PUMP CAPACITY			11.1	GPM
LUBE OIL SUMP CAPACITY			5.5	GAL.
RELIEF VALVE SETTING			165	PSIG
APPROXIMATE SHIPPING WEIGHT			5000	LBS
DIMENSIONS	(L X W X H)		82 X 56.5 X 90.5	IN
DISCHARGE AIR CONNECTION			1-1/2	IN. NPT
CONDENSATE DRAIN (QTY 4)			1/2	IN. NPT
MINIMUM RECOMMENDED AIR RECEIVER SIZE			53	FT^3
			400	GAL.
MAXIMUM AMBIENT TEMP.			104	°F
MINIMUM AMBIENT TEMP.			-20	°F

MODEL - GPCAS 100VSD	
PRODUCT DATA	**UNITS**
SINGLE POINT ELECTRICAL CONNECTION	SINGLE POLE CAM-LOKS
STARTER TYPE	VSD
VOLTAGE	460V/3PH

SUGGESTED BREAKER SIZE & FLA	HP	BREAKER	@125 PSI
	50 HP	100 AMP	65A FLA @125PSI
	75 HP	100 AMP	85A FLA @125PSI
	100 HP	150 AMP	105 A FLA @125PSI