



<b>CUSTOMER:</b>		<b>CUSTOMER ORDER NO:</b> 122/45199402/3	
<b>ROTATION:</b> CW - CW FIGURE 2	<b>JOB NO:</b> N/A	<b>SERIAL NO:</b> 211239	<b>AGC NO:</b> 19273
<b>DUTY:</b> <input checked="" type="checkbox"/> CONTINUOUS <input type="checkbox"/> INTERMITTENT		<b>DRIVE TYPE:</b> RIGHT ANGLE PUMP DRIVE	
<b>RIGHT ANGLE GEAR DRIVE:</b>		<b>GEAR TEETH DATA:</b>	
MODEL:	SL450A	SPIRAL BEVEL PINION:	36
NOMINAL RATIO:	1 : 1	SPIRAL BEVEL GEAR:	36
EXACT RATIO:	1.00 : 1.00	HELICAL PINION:	N/A
OUTPUT SHAFT TYPE:	<input type="checkbox"/> SOLID <input checked="" type="checkbox"/> HOLLOW	HELICAL GEAR:	N/A
<b>SPEED AND POWER:</b>		<b>GEAR HARDNESS (ROCKWELL "C"):</b>	
HORIZONTAL SPEED:	1760 RPM	SP. BEVEL PINION:	58-64
VERTICAL SPEED:	1760 RPM	SP. BEVEL GEAR:	58-64
MECHANICAL RATING:	675 HP	HELICAL PINION:	N/A
THERMAL RATING (At Max Temp):	450 HP	HELICAL GEAR:	N/A
SERVICE FACTOR:	1.5		
SERVICE RATING:	450 HP		
<b>THRUST RATING:</b>		<b>GEAR FINISHING:</b>	
MINIMUM THRUST RATING:	0 LBS	<b>TYPE</b>	<b>HARDENING METHOD</b>
CONTINUOUS THRUST RATING:	6000 LBS		<b>FINISH PROCESS</b>
MECHANICAL EFFICIENCY:	96-98 %		<b>FINAL SURFACE FINISH (µin)</b>
<b>LUBRICATION TYPE:</b> FORCE FEED VIA OIL SCREW SYSTEM		SP. BEVEL:	CARB. LAPPING 32
<b>WEIGHTS &amp; SHIPPING DIMENSIONS:</b>		HELICAL:	N/A N/A N/A
DOMESTIC SHIPPING WEIGHT	1420 LBS	<b>BEARINGS:</b>	
EXPORT SHIPPING WEIGHT	1620 LBS	VERT. SHAFT UPPER:	(2) 7322
<b>MATERIALS OF CONSTRUCTION:</b>		TYPE	NTN BALL BEARING
GEAR CASE:	ASTM A-48 CLASS 30 CAST IRON	VERT. SHAFT LOWER:	5221
VERTICAL SHAFT:	AISI 4140 / 42	TYPE	SKF BALL BEARING
HORIZONTAL SHAFT:	AISI 4140 / 42	INTERMEDIATE UPPER:	N/A
SP. BEVEL PINION:	AISI 8620	TYPE	N/A
SP. BEVEL GEAR:	AISI 8620	INTERMEDIATE LOWER:	N/A
HELICAL PINION:	N/A	TYPE	N/A
HELICAL GEAR:	N/A	HORIZONTAL OUTER:	742/9
NOTES:		TYPE	TIMKEN TAPERED ROLLER
		HORIZONTAL INNER:	854/61
		TYPE	TIMKEN TAPERED ROLLER
<b>AMARILLO GEAR COMPANY LLC</b>		<b>RIGHT ANGLE GEAR DRIVE DATA SHEET</b>	
		REVISION: B (ECR# 3233)	REV. DATE: 01/03/2017
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