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Composite Driveshaft Selection Sheet

Customer Name:

Customer Location:

Customer Phone Number:

PO / Reference Number:

Tower Information

Distance Between Shaft Ends (DBSE)

Minimum Required Service Factor

Motor Power

Speed Type

RPM

Motor Speed Range

Motor Shaft Diameter

Number of Starts / Day

Blade Pass Frequency

CPM

Number of Blades on Fan

Fan Speed

RPM

Gear Drive Input Shaft Diameter

Driveshaft Information

Model

Critical Speed

RPM

Max Continuous Torque

Peak Overload Torque

Angular Misalignment (Per End)

1.5° Deg

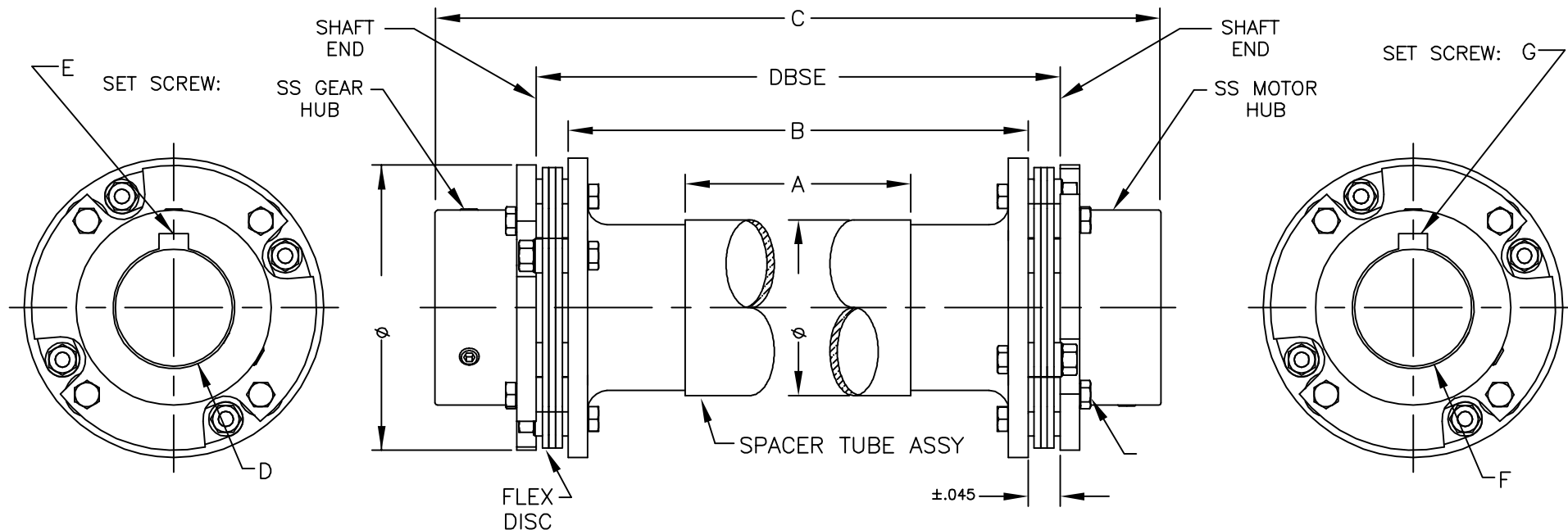
Calculated Service Factor based on Motor Power

Coupling Weight

Coupling Inertia (WR^2)

Dynamically Balanced Per AGMA 9000-C90 Class 9

Notes



CUSTOMER	
AGC NO.	
CUSTOMER PO NUMBER	
ORDER QTY.	

PERFORMANCE SPECIFICATIONS	
MAX. CONTINUOUS TORQUE	IN-LB
PEAK OVERLOAD TORQUE	IN-LB
COUPLING MISALIGNMENT	1.5° PER FLEX DISC
COUPLING WEIGHT	LB
COUPLING WR ²	LB-IN ²

NOTES:

1. INSTALL COMPOSITE COUPLING PER AMARILLO INSTALLATION AND ALIGNMENT INSTRUCTIONS.
2. SPACER DYNAMICALLY BALANCED PER AGMA 9000-C90 CLASS 9.
3. MAXIMUM CONTINUOUS TORQUE @ 2.0 SERVICE FACTOR.

BILL OF MATERIALS			
DESCRIPTION	PART. NO.	MATERIAL	QTY.
MOTOR HUB		ASTM A743 GR. CF8M	1
FLEX DISC		COMPOSITE	2
SPACER TUBE		COMPOSITE	1
HARDWARE KIT		316 STAINLESS STEEL	1
GEAR HUB		ASTM A743 GR. CF8M	1

MEASUREMENT SPECIFICATIONS		
A	TUBE LENGTH	$\pm .08$
B	SPACER LENGTH	$\pm .10$
C	OVERALL LENGTH	$\pm .18$
DBSE	DISTANCE BTW. SHAFT ENDS	$\pm .13$
D	GEAR HUB BORE	$+.001/- .000$
E	GEAR HUB KEYWAY	
F	MOTOR HUB BORE	$+.001/- .000$
G	MOTOR HUB KEYWAY	

DR.BY: S. McKINLEY
 CK.BY:
 APP.BY:C.BURRISS 11/07/03

AMARILLO
GEAR
COMPANY

COMPOSITE SHAFT
 DIMENSION PRINT

MODEL:

DATE:

PART NO.

DWG NO.