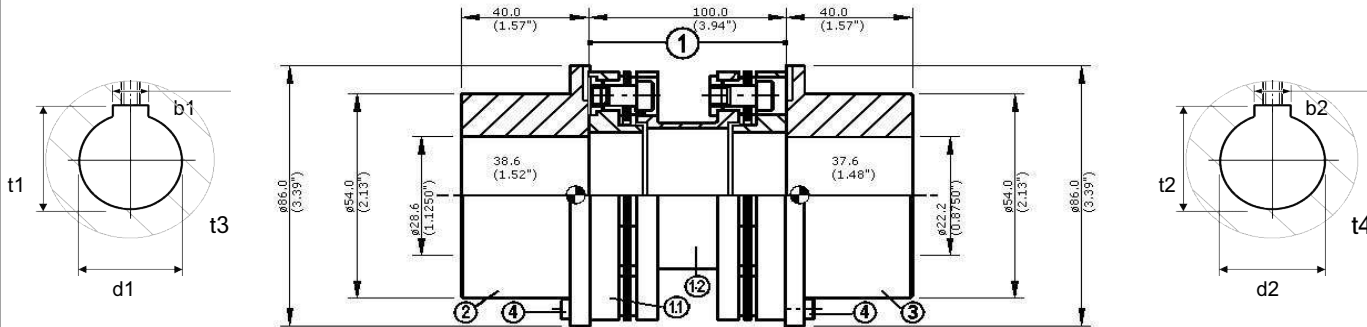
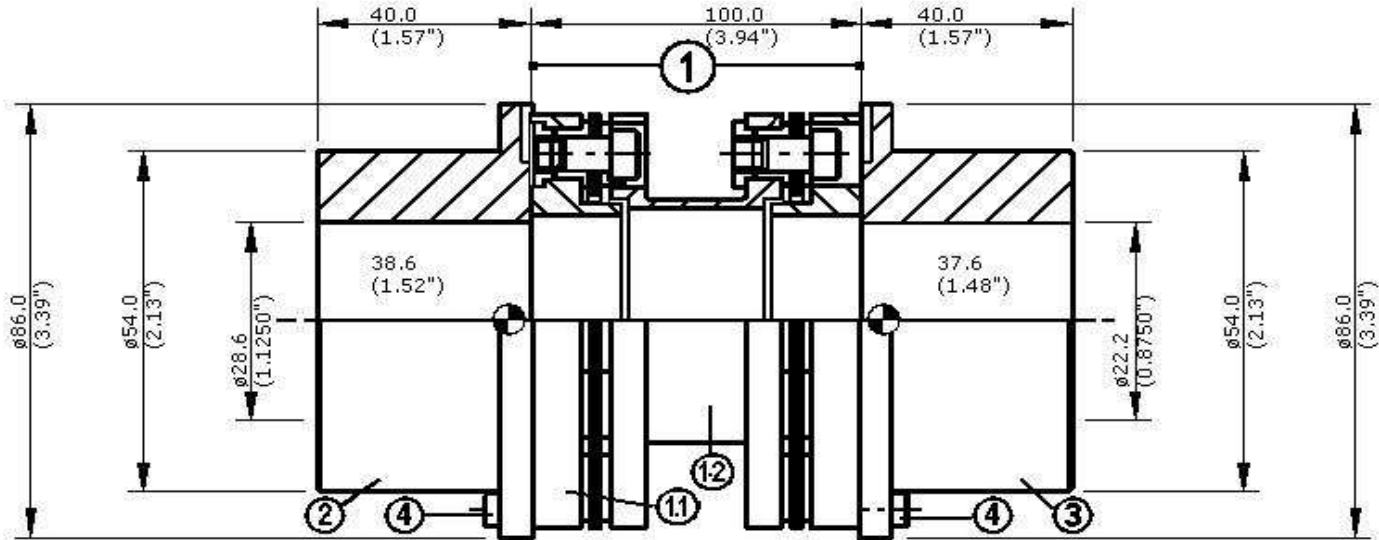


K Select Record No.		46963 / 3																																																																																			
Coupling Code (LPN)		TSKS/0013/KK/205323																																																																																			
Coupling Description		TSKS-0013-X077-1000																																																																																			
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4000421641		4505726924 (AP for WEP)																																																																																			
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Quality Code
QS 01 0000000

ATEX Category M2 & 2GD



Driver Hub

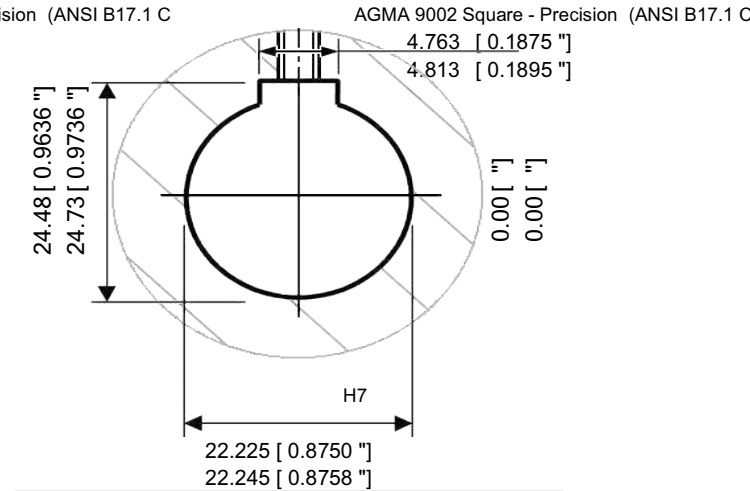
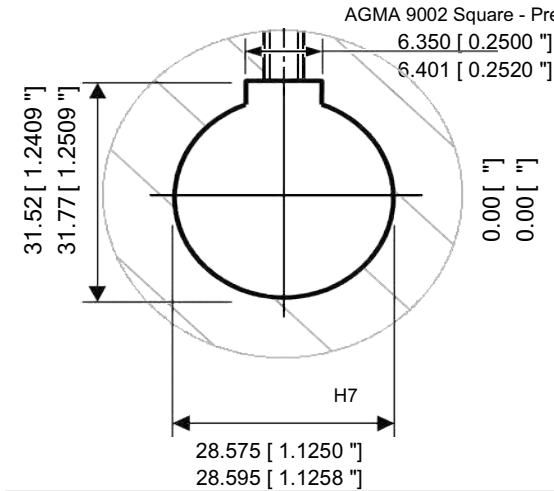
Driven Hub

Hub Bore for driving side

Hub Bore for driven side

1/4" UNC Setscrew over key

1/4" UNC Setscrew over key



inch
Customer's Drawing Number

inch
Customer's Drawing Number

Units in mm & (inch) unless otherwise indicated

Materials		X - Spark resistant construction	Tightening torque
Item No	Description	Materials	
2	Driver Hub - bored	Carbon Steel	
2.1	1/4" UNC(ref.)	Carbon Steel	
3	Driven Hub - bored	Carbon Steel	
3.1	1/4" UNC(ref.)	Carbon Steel	
1.1	Membrane-GR Assembly	St. Steel + Alloy Steel + Carbon Steel + Brass	
1.2	Spacer	Carbon Steel	
4	Bolt Set - Standard Hub	ISO Grade 8.8 Alloy Steel + Carbon Steel	13 Nm
	Hub - Standard (Unbored)	Carbon Steel	

Balance Specification	
ISO 8821 - Half-Key Balance Convention	
0	inherent balance only to AGMA 9000-C90 class 9

Technical Data					
Total weight		Weight of driving side		Weight of driven side	Lateral Critical speed
6.50 lb (2.95 kg)		 3.15 lb (1.43 kg)	 3.33 lb (1.51 kg)	1188329 rpm	
Moment of Inertia		Inertia of driving side		Inertia of driven side	Torsional Stiffness
0.055 lb-ft² (0.0023 kg.m²)		0.026 lb-ft² (0.0011 kg.m²)		0.028 lb-ft² (0.0012 kg.m²)	 23.96 kNm/rad (0.02396 MNm/rad)
 including shaft end in hubs					
Max. Angular Offset	Max. Parallel Offset	Max. Axial Displacement	Axial Force at Max Displacement		Ang. Restoring Moment
1/2°	± 0.023 inches ± 0.59 mm	± 0.039 inches ± 1.00 mm	47.21 lbs 210 N		6.048 ft-lb/deg 8.20 Nm/deg.

Coupling Description					TSKS-0013-X077-1000	
Parts List				Rec.	Spare	
Item No.	Part No.	Description	Quantity			
2		Driver Hub - bored	1			
2.1	1335-2709-3040(ref.)	1/4" UNC(ref.)	1			
3		Driven Hub - bored	1			
3.1	1335-2716-3040(ref.)	1/4" UNC(ref.)	1			
1	TSKS-0013-X000-1000	Transmission Unit (=spacer + 2 membrane units)	1	✓		
1.1	7921-0013-4752	Membrane-GR Assembly	2	✓		
1.2	7722-0011-0603-0001	Spacer	1			
4	FT300	Bolt Set - Standard Hub	1 per hub	✓		
	7522-0011-0001	Hub - Standard (Unbored)	2			

Duty Conditions		
Power	Speed	Torque
Pump 1.8 HP (1.3 kW) Motor 5 HP (3.7 kW)	1750 rpm	Pump 5.24 lb-ft (7.1 Nm) Motor 15 lb-ft (20.34 Nm)
Rating	Peak Torque Capacity	Appl. Factor
17 HP (13 kW)/1000rpm	228 lb-ft (310 Nm)	16.50 (17.57)

Customer Data		
Customer		
HMD Kontro Sealeless Pumps		
Customer's Order No.	310425	Plant Item No. C82022252
JC Job Ref.	4000421641	Item No. 19-P-052 A/B
Project No	4505726924 (AP for WEP)	

	K Select Record No.		
	Customer Drawing Ref. 46963 / 3		
	Date	Drawn by	Coupling Code (LPN)
	2012-Apr-02	Gary Sefton	TSKS/0013/KK/205323