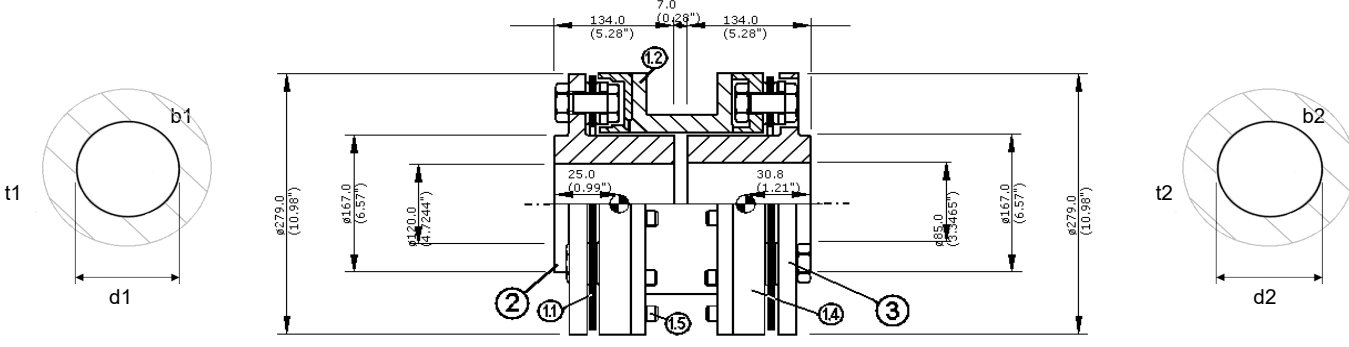
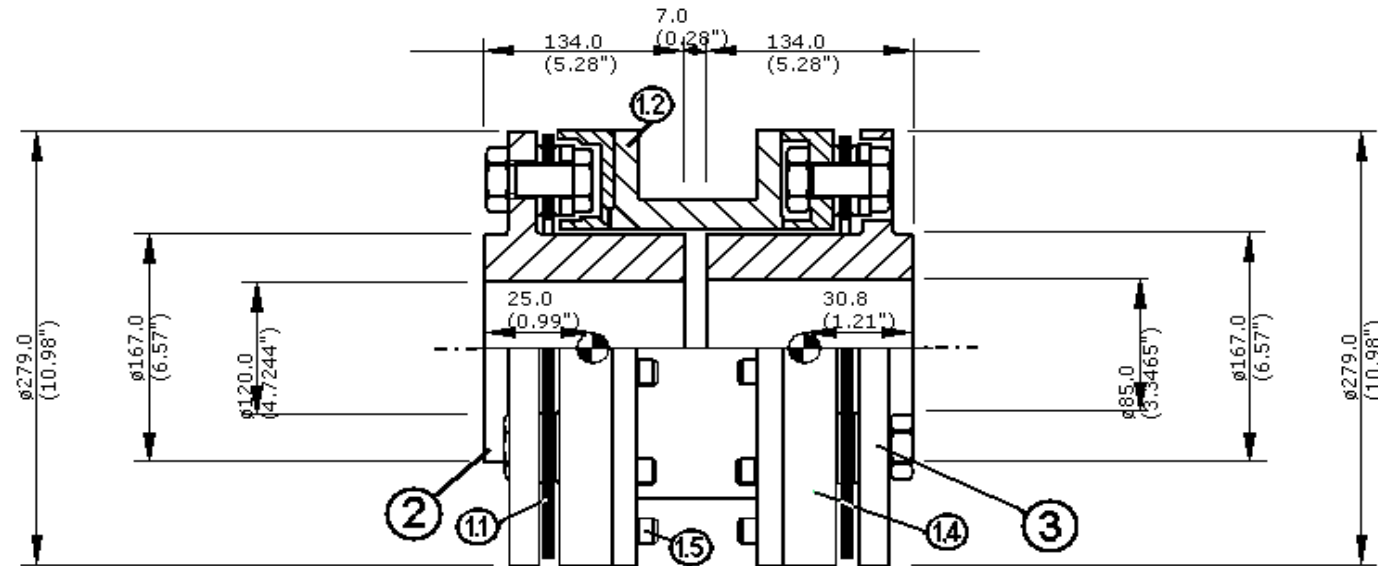


K Select Record No.		17354 / 3			
Coupling Code (LPN)					
Coupling Description		TSRC-0930-0077-0000			
				0 - Standard construction	
JC Job Ref.		86006-0626BA		Project No	
Customer		Customer's Order No.		Item No.	
Valves Sofia		07/1743 (07/30749)		5,6 ST1 1,12 DO 1	
Duty Conditions		Power		Speed	
		630.0 kW		750 rpm	
				Torque	
				8021 Nm	
Coupling Data		Rating		Peak Torque Capacity	
		930 kW/1000rpm		17763 Nm	
				Appl. Factor	
				1.11	
Quality Code				ATEX Category M2 & 2GD	
QS01 0000000					
					
Hub Bore for driving side					
Description		TR9C00/12000/00			
Dimension		mm			
d1	0.000	0.000	0.0000"	0.0000"	
b1	0.000	0.000	0.0000"	0.0000"	
t1	0.000	0.000	0.000"	0.000"	
b1 Specification					
Customer's Drawing Number					
Hub Bore for driven side					
Description		TR9C00/08500/00			
Dimension		mm			
d2	0.000	0.000	0.0000"	0.0000"	
b2	0.000	0.000	0.0000"	0.0000"	
t2	0.000	0.000	0.000"	0.000"	
b2 Specification					
Customer's Drawing Number					
Parts List					
	Part No. {old part no.}	Description	Quantity		
2		Driver Hub - bored	1		
3		Driven Hub - bored	1		
1		Transmission Unit (=spacer + 2 membrane units)	1		
1.1	7983-0930-4700	Membrane Kit (including fixings)	2		
1.1c	7984-0930-4700	Membranes-only Pack	2		
1.2	7772-0930-0484	Spacer	1		
1.4	7387-0930-0484	Guardring	2		
1.5	FT348	Bolt Set - Spacer	1		
	7528-0930-0484	Hub - Reversed (Unbored)			
	FT427	Bolt Set - Installation (Gagging)	1 per coupling		
	FT383	Sleeve set (Gagging)	1		
Technical Data					
Total weight		79.98 kg			
Moment of Inertia		0.7736 kg.m ²			
Torsional Stiffness		1.98911 MNm/rad			
Ang. Restoring Moment		186.00 Nm/deg.			
Max. Angular Offset		1/2°			
Max. Parallel Offset		± 1.50 mm			
Max. Axial Displacement		± 4.00 mm			
Axial Force at Max Displacement		3560 N			
Lateral Critical speed		119533667 rpm			
① including shaft end in hubs					
Date		2007-Sep-24			
Entered by		Martin Grepl			

Quality Code
QS01 0000000

ATEX Category M2 & 2GD

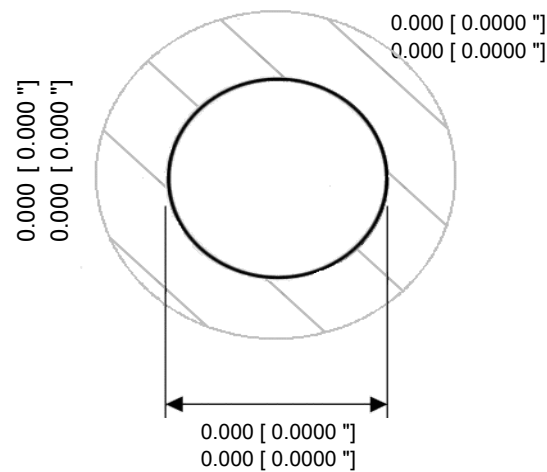


Driver Hub

Driven Hub

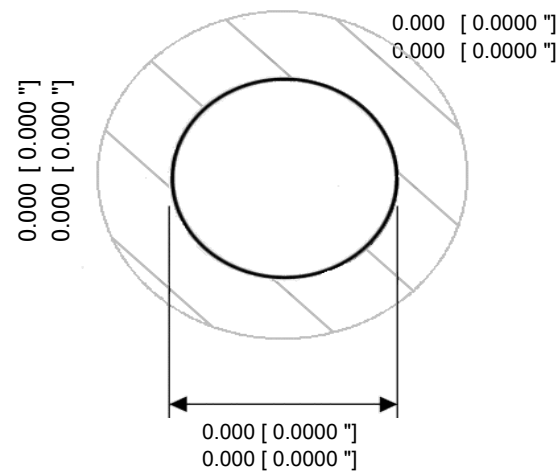
Hub Bore for driving side

Hub Bore for driven side



mm

Customer's Drawing Number



mm

Customer's Drawing Number

Units in mm & (inch") unless otherwise indicated

Materials		0 - Standard construction	Tightening torque
Item No	Description	Materials	
2	Driver Hub - bored	Carbon Steel	
3	Driven Hub - bored	Carbon Steel	
1.1	Membrane Kit (including fixings)	Stainless Steel + Alloy Steel + Carbon Steel	
1.1c	Membranes-only Pack	Stainless Steel + Alloy Steel + Carbon Steel	
1.2	Spacer	Steel	
1.4	Guardring	Steel	
1.5	Bolt Set - Spacer	ISO Gr12.9 Alloy Steel	65 Nm
	Hub - Reversed (Unbored)	Steel	
	Bolt Set - Installation (Gagging)	ISO Gr12.9 Alloy Steel	65 Nm

Balance Specification				
ISO 8821 - Half-Key Balance Convention				
0 inherent balance only to AGMA 9000-C90 class 8				
Technical Data				
Total weight	Weight of driving side	Weight of driven side	Lateral Critical speed	
79.98 kg	 37.03 kg	 42.96 kg	119533667 rpm	
Moment of Inertia	Inertia of driving side	Inertia of driven side	Torsional Stiffness	
0.7736 kg.m ²	0.3788 kg.m ²	0.3948 kg.m ²	1.98911 MNm/rad ^❶	
^❶ including shaft end in hubs				
Max. Angular Offset	Max. Parallel Offset	Max. Axial Displacement	Axial Force at Max Displacement	Ang. Restoring Moment
1/2°	± 1.50 mm	± 4.00 mm	3560 N	186.00 Nm/deg

Coupling Description		TSRC-0930-0077-0000		
Parts List		Rec. Spare		
Item No.	Part No. {old part no.}	Description	Quantity	
2		Driver Hub - bored	1	
3		Driven Hub - bored	1	
1		Transmission Unit (=spacer + 2 membrane units)	1	
1.1	7983-0930-4700	Membrane Kit (including fixings)	2	✓
1.1c	7984-0930-4700	Membranes-only Pack	2	✓
1.2	7772-0930-0484	Spacer	1	
1.4	7387-0930-0484	Guardring	2	
1.5	FT348	Bolt Set - Spacer	1	✓
	7528-0930-0484	Hub - Reversed (Unbored)		
	FT427	Bolt Set - Installation (Gagging)	per coupling	✓
	FT383	Sleeve set (Gagging)	1	✓

Duty Conditions		
Power	Speed	Torque
630.0 kW	750 rpm	8021.4 Nm
Rating	Peak Torque Capacity	Appl. Factor
930 kW/1000rpm	17763 Nm	1.11

Customer Data	
Customer	
Vlaves Sofia	
Customer's Order No.	07/1743 (07/30749)
Plant Item No.	5,6 ST1 1,12 DO 1
JC Job Ref.	86006-0626BA
Item No.	
Project No	

	K Select Record No.	
	Customer Drawing Ref.	
	17354 / 3	
Date	Drawn by	Coupling Code (LPN)
2007-Sep-24	Martin Grepl	