



WITH FLANGE MOUNTING

200 - 45,000 Nm



NEW

PROPERTIES

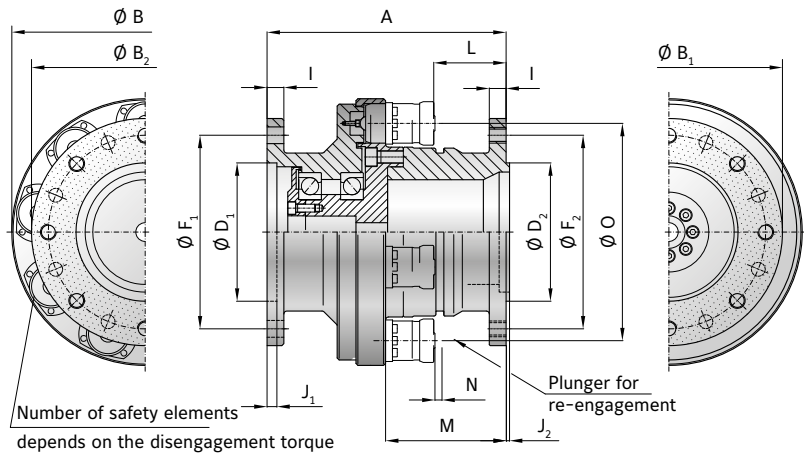
MATERIAL

Hardened steel (nitrocarburized surface)

DESIGN

► Drive side: Coupling hub with flange mounting

- Driven side: Mounting flange with fastening threads and integral bearing
- Safety elements: evenly spaced around the circumference; externally adjustable



MODEL STF | SIZE 2 - 40

SIZE		2			5			10			25			40		
Adjustment range available from to	(KNm)	0.2-0.5	0.5-1.0	1.0-1.5	0.7-2	1.2-4	3.2-5	2-5	4-10	6-14	6-12	9-18	15-25	12-21	22-32	32-45
		3×ST10	6×ST10	6×ST10	3×ST15	6×ST15	6×ST15	3×ST15	6×ST15	9×ST15	6×ST15	9×ST15	12×ST15	3×ST30	6×ST30	9×ST30
Overall length	(mm)	A		190	230		250		280			360				
Major outside diameter	(mm)	B		198	220		270		318			428				
Flange outside diameter	(mm)	B ₁		170	188		230		268			340				
Flange outside diameter	(mm)	B ₂		170	188		230		306			390				
Flange centering diameter H7	(mm)	D ₁		90	110		140		174			210				
Flange centering diameter h7	(mm)	D ₂		90	110		140		200			210				
Hole circle diameter	(mm)	F ₁		130	155.5		196		220			304				
Through hole diameter	(mm)	F ₁		8×Ø13	8×Ø15		8×Ø17		12×Ø19			16×Ø22				
Bolt circle diameter	(mm)	F ₂		130	155.5		196		270			350				
Thread size	(mm)	F ₂		8×M12	8×M14		8×M16		12×M18			16×M20				
Flange thickness	(mm)	I		14	17.5		20		22			25				
Fit length	(mm)	J ₁		3	4		5		5			6				
Fit length	(mm)	J ₂		2.5	3		3.5		4			4				
Distance	(mm)	L		45	63.5		75		83.5			105.5				
Distance	(mm)	M		83	113.5		125		124.5			165				
Actuation path	(mm)	N		3.5	4.5		4.5		4.5			7.5				
Moment of inertia (approx.) D max. + max. sgmnt	(10 ⁻³ kgm ²)	J.kst		83	150		380		830			3300				
Speed max.	(rpm)			9000	7500		6300		5000			3600				
Allowable max. radial force standard*	(KN)			7	12		17		22			30				
Approx. weight at D max. + max. sgmnt	(kg)	m.kst		20	30.4		50.3		73			180				

* larger radial loads possible with special bearings