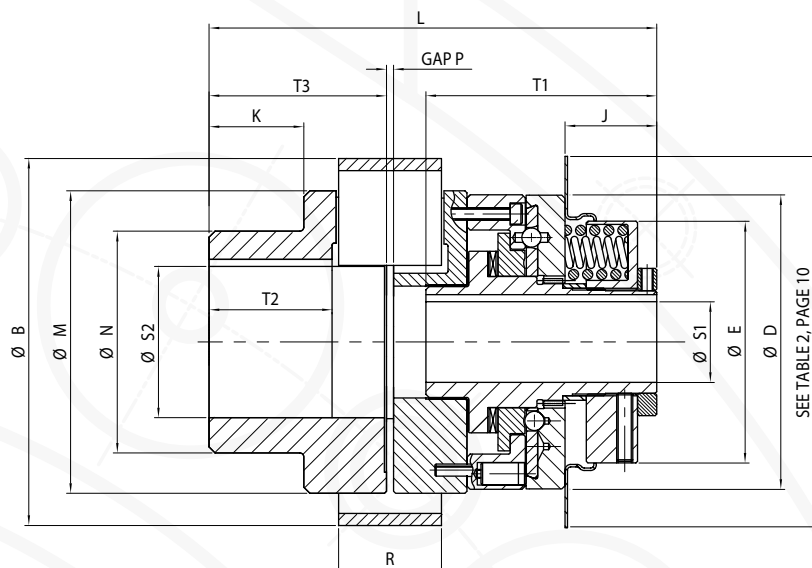


# AUTOGARD SERIES 400

## MODEL 406S

Design including the Autogard Samiflex torsionally soft flexible coupling for parallel and angular misalignment.



SEE TABLE 2, PAGE 10

### Technical Data

Size			1/A1	2/A3	3/A4	4/A5	5/A6	6/A7
Torque	Nm ③	Max	28	226	678	1130	2540	5650
		Min	3	20	60	75	225	1100
Speed	rpm ①	Max	3600	3600	3600	2000	2000	1800
Weight	kg ②		2.2	10.1	19.7	35.6	63.2	103
Mass Moment of Inertia	kgm <sup>2</sup> ②	S1 Side	0.0002	0.0035	0.013	0.023	0.108	0.258
		S2 Side	0.0011	0.0181	0.069	0.198	0.427	0.818
Max coupling misalignments	Axial (mm)		+0.5	+0.7	+0.8	+1.0	+1.0	+1.0
	Parallel (mm)		0.3	0.5	0.7	0.7	0.8	1.0
	Angular (°)		2.0	2.0	1.3	1.3	1.3	1.0

1) Higher speeds may be allowed under certain conditions. Please consult Autogard.

2) Weights and moments of inertia apply to max bores (S1, S2).

3) For higher torque applications - consult Autogard.

### Dimensional Data - mm

Size		1/A1	2/A3	3/A4	4/A5	5/A6	6/A7
Max Bore S1	④	16	28	40	50	75	100
Max Bore S2	⑤	41	54	70	85	114	140
B		83	144	182	225	265	306
D		62	112	146	168	222	260
E		55	90	120	136	190	235
J	⑥	22	45	45	46	69	79
K		-	45	47	57	70	88
L		116	195	205	259	316	421
M		65	116	150	190	233	267
N		65	105	140	160	180	205
P (nominal gap)		1.5	2.5	3.5	3.5	3.5	4
R		22	42	51	59	67	75
T1		58.9	108	114.4	121.2	163.5	217.5
T2		34	56	63	77	95	116
T3		44.8	76.8	89.3	106.3	128.3	153

4) For max. bores greater than 25mm use rectangular parallel keys.

5) Larger S2 bores are available for sizes 2,3 and 4 using a large boss, "B" style hub - consult Autogard for details.

6) For size 6, clearance is required for adjustment. See Table 1 page 9.