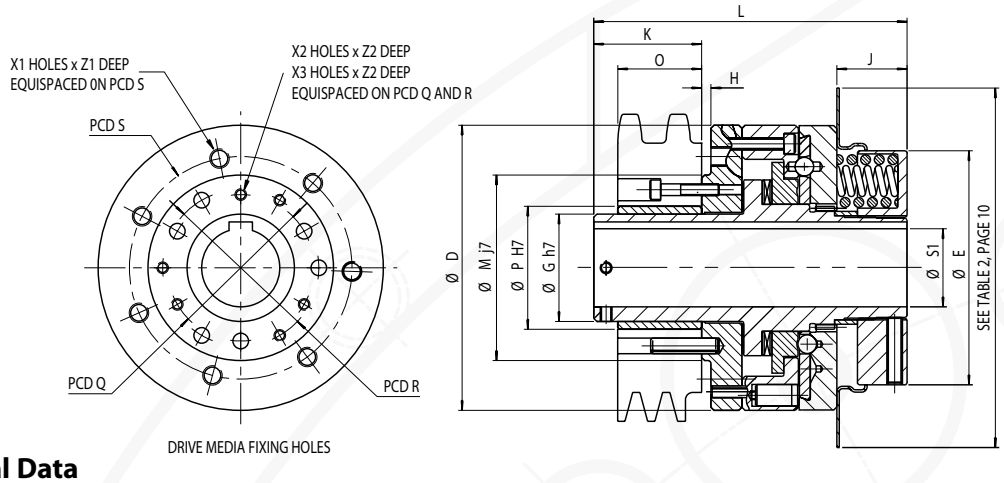
AUTOGARD SERIES 400

MODEL 402

For use with sprockets, pulleys or gears. Supplied complete with bearing and a choice of mounting holes.



Technical Data

Size			1	2	3	4	5	6
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			1.0	5.2	10.1	14.8	36.4	55
Mass Moment of Inertia kgm^2 ②		Hub Side	0.0002	0.0036	0.013	0.024	0.118	0.266
		Flange Side	0.0002	0.0041	0.013	0.024	0.090	0.170

1) Higher speeds may be allowed under certain conditions. Please consult Autogard.
2) Weights and moments of inertia apply to max (S1) bores and full hub length (L).
3) For higher torque applications - consult Autogard.

Dimensional Data - mm

Size		1	2	3	4	5	6
Max Bore S1	④	16	28	40	50	75	100
D		62	112	146	168	222	260
E		55	90	120	136	190	235
G		25	40	55	65	100	140 (h6)
H	⑤	0	0	4.76	4.76	6.35	
K max		33.5	57	55	100	134	181
J	⑥	14	37	35	36	56	58
L max	⑦	83	148	160	212	284	373
M		30.2	75	95	122	155	
O max		25	44.5	43	84	116	
P		30	46	63	72	107.95	
Q		35	52	75	85	120	
R		38	61	80	90	125	
S		–	–	114	144	184	
X1		–	–	7 x M10	8 x M12	8 x M16	
Z1		–	–	15	15	23	
X2		3 x M3	3 x M4	3 x M6	3 x M8	4 x M8	
X3		3 x Ø4	3 x Ø4	3 x Ø8	3 x Ø10	4 x Ø10	
Z2		6	9	11	11	11	

Smallest Sprocket (No. of teeth) See note 8)	3/8" pitch	19	27	34	–	–	
	1/2" pitch	15	21	27	30	38	
	5/8" pitch	13	17	22	24	31	
	3/4" pitch	–	15	19	21	27	
	1" pitch	–	12	15	17	21	
Smallest Pulley Diameter	⑨	46	70	92	104	139	

4) For max. bores greater than 25mm use rectangular parallel keys.
5) For size 6, the drive medium must be fitted with suitable bearings and fixings. Please specify or consult Autogard for assistance.
6) For size 6, clearance is required for torque adjustment. See Table 1 page 9.
7) Hub can be shortened to suit narrower drive media - please specify with order.
8) Use fixings on pcd "R". Smaller drive media may be possible using pcd "Q" if a tape bearing is used - consult Autogard.
9) The diameter quoted is to the bottom of a V pulley groove or the ID of the flange on a timing pulley.