

ASK - Datasheet

Specifications (Aluminum alloy - BB & BBH)

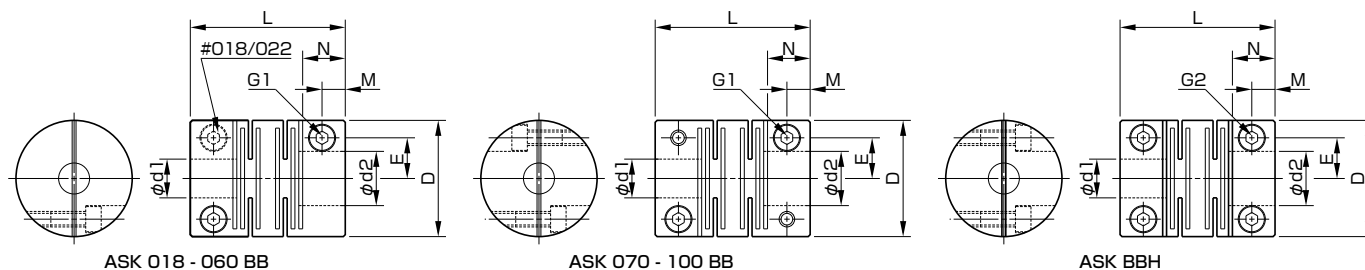
Model	Type		Torque		Misalignment			Max. rotation speed [min ⁻¹]	Torsional stiffness [N-m/rad]	Moment of inertia [kg-m ²]	Mass [kg]
	BB [Clamping hub]	BBH [Removable clamping hub]	Rated [N-m]	Maximum [N-m]	Parallel [mm]	Angular [°]	Axial [mm]				
ASK 018	●	—	1	2	0.15	0.5	0.2	11500	103	0.45×10^{-6}	0.008
ASK 020	●	—	1.5	3	0.1	1	0.1	11500	407	1.05×10^{-6}	0.017
ASK 022	●	—	1	2	0.15	1	0.1	11500	690	1.15×10^{-6}	0.019
ASK 025	●	—	3	6	0.1	1	0.1	10000	533	2.39×10^{-6}	0.024
ASK 030	●	●	4	8	0.1	0.85	0.1	8000	868	6.80×10^{-6}	0.049
ASK 040	●	●	9	18	0.15	0.85	0.1	7500	3767	27.9×10^{-6}	0.110
ASK 050	●	●	15	30	0.15	0.7	0.1	7000	7196	89.7×10^{-6}	0.210
ASK 060	●	●	32	65	0.15	0.7	0.15	6000	12750	253.7×10^{-6}	0.420
ASK 070	●	●	60	120	0.1	0.33	0.1	5000	66768	506.6×10^{-6}	0.648
ASK 080	●	●	85	170	0.1	0.33	0.1	4000	78189	962.4×10^{-6}	0.858
ASK 100	●	●	150	300	0.1	0.33	0.1	3500	278893	2826×10^{-6}	1.632

Specifications (Steel - BB/stainless steel - BB & BBH)

Model	Type		Torque		Misalignment			Max. rotation speed [min ⁻¹]	Torsional stiffness [N-m/rad]	Moment of inertia [kg-m ²]	Mass [kg]
	BB [Clamping hub]	BBH [Removable clamping hub]	Rated [N-m]	Maximum [N-m]	Parallel [mm]	Angular [°]	Axial [mm]				
ASK 025	●	—	7	14	0.1	1	0.1	10000	1558	6.48×10^{-6}	0.064
ASK 030	●	●	9	18	0.1	0.85	0.1	8000	2530	18.6×10^{-6}	0.134
ASK 040	●	●	15	30	0.15	0.85	0.1	7500	11008	75.8×10^{-6}	0.300
ASK 050	●	●	30	60	0.15	0.5	0.1	7000	20995	246×10^{-6}	0.577
ASK 060	●	●	55	110	0.15	0.5	0.1	6000	37165	694×10^{-6}	1.150
ASK 070	●	●	95	190	0.1	0.3	0.06	5000	196024	1380×10^{-6}	1.753
ASK 080	●	●	120	240	0.06	0.3	0.06	4000	229524	2620×10^{-6}	2.330
ASK 100	●	●	200	400	0.06	0.3	0.06	3500	821288	7680×10^{-6}	4.423

• Other sizes available on request.

Dimensions



Model	d1 • d2			D	L	M	N	E	G1 Qty – Nominal diameter	G2 Qty – Nominal diameter	Tightening torque of screws [N-m]
	Pilot bore	Min.	Max.								
ASK 018	2.5	3	6	18	17.5	2.5	5	5.5	2-M2.5	—	1.2
ASK 020	2.5	3	8	20	28	4	8	6.5	2-M2.5	—	1.2
ASK 022	2.5	3	10	22	20	2.75	5.5	7.2	2-M2.5	—	1.2
ASK 025	3.5	5	12	25	28	4	8	9	2-M3	—	1.5
ASK 030	5.5	6	15	30	40	5.5	11	10.5	2-M4	4-M4	3.4
ASK 040	5.5	6	20	40	48	5.5	11	14	2-M5	4-M5	7.0
ASK 050	8.5	9	26	50	65	9.5	19	18.5	2-M6	4-M6	14
ASK 060	9.5	10	30	60	80	12.5	25	21	2-M8	4-M8	27
ASK 070	14.5	15	38	70	95	12.5	25	25	4-M8	4-M8	27
ASK 080	22	24	42	80	100	12.5	25	29	4-M8	4-M8	27
ASK 100	27.5	30	55	100	118	15	30	37	4-M10	4-M10	54

• Standard bore tolerance H7, further tolerances possible on request.

• Keyway possible on request.

• Depending on bore diameter with glued bushing on one side.

How to Place an Order

ASK 030 BB 10H7/12H7 AL

Size ————
 Type ————
 AA: Set screw (only available for size 018)
 BB: Clamping hub
 BBH: Removable clamping hub (only available in Aluminum or stainless steel)
 Material ————
 AL: Aluminum alloy
 VA: Stainless steel
 ST: Steel
 Bore diameter d1/d2 ————