

Reduction	1:1	3.8:1	14:1	29:1	53:1	67:1	198:1	455:1
Absolute reduction	1/1	15/4	225/16	729/25	3375/64	24 5/30	50625/256	500211/10985
Max.feed velocity (mm/s)	150	71.1	19.0	9.1	5.1	1.1	1.3	0.6
Max.feed force (continous) (N)	77	99	154	197	239	063	372	491
Max.feed force (intermittent) (N)	155	198	308	393	479	500	500	500
Max. Gear Hole "A"	3	3	3	2	3	3	3	2
Reduction		4.4:1	16:1		62:1	/ . 2:1	231:1	561:1
Absolute reduction		57/13	855/52		12825/208	65501/623	192375/832	2368521/4225
Max.feed velocity (mm/s)		60.8	16.2		4.3	0.4	1.2	0.5
Max.feed force (continous) (N)		105	162		252	1.1	392	500
Max.feed force (intermittent) (N)		209	325		500	500	500	500
Max. Gear Hole "A"		3	3		3	0	3	2
Reduction		5.4:1	19:1		72:1	109:1	270:1	690:1
Absolute reduction		27/5	3249/169		48735/676	2187/20	731025/2704	1121931/1625
Max.feed velocity (mm/s)		49.4	13.9		3.7	2.4	1.0	0.4
Max.feed force (continous) (N)		112	171		266	305	123	500
Max.feed force (intermittent) (N)		224	342		500	500	500	500
Max. Gear Hole "A"		2	2		3	3	3	2
Reduction			20:1		76:1	128:1	316:1	850:1
Absolute reduction			81/4		1215/16	41553/325	2777895/8788	531441/625
Max.feed velocity (mm/s)			13.2		3.5	2.1	0.8	0.3
Max.feed force (continous) (N)			174		270	322	435	500
Max.feed force (intermittent) (N)			348		500	500	500	500
Max. Gear Hole "A"			3		3	2	3	2
Reduction			24:1		84:1	157:1	370:1	
Absolute reduction			1539/65		185193/2197	19683/125	10556001/28561	
Max.feed velocity (mm/s)			11.3		3.2	1.7	0.7	
Max.feed force (continous) (N)			183		280	345	458	
Max.feed force (intermittent) (N)			367		500	500	500	
Max. Gear Hole "A"			2		2	2	2	
Number of stages	0 ²	1	2	2	3	3	4	4
Max.efficiency gearhead incl.screw (%)	71	84	75	75	68	68	61	61
Weight (g)	100	100	110	110	120	120	130	130
Average backlash no load (°)	18	1.28	1.58	1.58	1.58	1.58	1.58	1.58
Mechanical positioning accuracy (mm)	...16	...4	...41	...41	...41	...41	...41	...41
Mass inertia gearhead incl.screw (gcm)	3.44	0.25	0.04	0.04	0.04	0.04	0.04	0.04
Gearhead length L1 (mm)	35	35	39.8	39.8	44.6	44.6	49.4	49.4

2024-A Edition. Specifications are subject to change without notice. Copyright Assun Motor Pte Ltd. All Rights Reserved.