

Technical drawing of a 300W motor with a 10mm shaft. The drawing includes a perspective view of the motor, a detailed side view with dimensions, and a front view. Key dimensions include a total length of 81 MAX, a shaft diameter of 10mm, and a mounting flange diameter of 40mm. The motor is labeled '300W' and '10'.

Reduction	1:1	4:1	16:1	64:1	256:1			
Absolute reduction	1/1	4/1	16/1	64/1	256/1			
Max.feed velocity (mm/s)	150	100	25	6.3	1.6			
Max.feed force (continous) (N)	20	29	46	73	116			
Max.feed force (intermittent) (N)	40	58	92	146	232			
Max. Gear Hole "A"	1.5	1.5	1.5	1.5	1.5			
Reduction		5.3:1	21:1	85:1	341:1			
Absolute reduction		16/3	64/3	256/3	1024/3			
Max.feed velocity (mm/s)		75	18.8	4.7	1.2			
Max.feed force (continous) (N)		32	5171	80	127			
Max.feed force (intermittent) (N)		64	102	160	254			
Max. Gear Hole "A"		1.2	1.5	1.5	1.5			
Reduction			28:1	114:1	455:1			
Absolute reduction			256/9	1024/9	4096/9			
Max.feed velocity (mm/s)			14	3.5	0.9			
Max.feed force (continous) (N)			56	88	140			
Max.feed force (intermittent) (N)			112	176	280			
Max. Gear Hole "A"			1.2	1.5	1.5			
Reduction				152:1	607:1			
Absolute reduction				4096/27	16384/27			
Max.feed velocity (mm/s)				2.6	0.7			
Max.feed force (continous) (N)				97	154			
Max.feed force (intermittent) (N)				194	300			
Max. Gear Hole "A"				1.2	1.5			
Reduction					809:1			
Absolute reduction					65536/81			
Max.feed velocity (mm/s)					0.5			
Max.feed force (continous) (N)					170			
Max.feed force (intermittent) (N)					300			
Max. Gear Hole "A"					1.2			
Number of stages	0 ²	1	2	2	3			
Max.efficiency gearhead incl.screw (%)	93	84	75	68	61			
Weight (g)	35	30	30	35	40			
Average backlash no load (°)	1.5°	1.3°	1.5°	1.6°	1.6°			
Mechanical positioning accuracy (mm)	0.108	0.108	0.108	0.109	0.109			
Mass inertia gearhead incl.screw (gcm)	0.78	0.05	0.01	0.01	0.01			
Gearhead length L1 (mm)	24.8	24.8	29.5	34.2	48.9			

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