

CL25 SERIES SPECIFICATIONS

Oldham Coupling



MODEL	RATED TORQUE		MAX TORQUE		MAX SPEED	MOMENT OF INERTIA (KG-M ²)		STATIC TORSIONAL STIFFNESS	ERRORS OF ECCENTRICITY	ERRORS OF ANGULARITY	MASS (G)	
	LB-IN	Nm	LB-IN	Nm		rpm	SETSCREW				CLAMP	Nm / RAD
CL25-12	23.89	2.7	47.79	5.4	10,000	2.2×10^{-7}		420	0.3	2	10	
CL25-15, CL25-15 WP	29.2	3.3	58.41	6.6	8,000	5.9×10^{-7}	6.8×10^{-7}	870	0.3	2	16	20
CL25-17, CL25-17 WP	48.67	5.5	97.35	11	7,000	1.2×10^{-6}	1.5×10^{-6}	1,300	0.3	2	24	34
CL25-20, CL25-20 WP	68.15	7.7	136.30	15.4	6,000	2.3×10^{-6}	3.0×10^{-6}	1,700	0.4	2	34	47
CL25-26, CL25-26 WP	97.35	11	194.72	22	5,000	8.4×10^{-6}	1.0×10^{-5}	3,200	0.5	2	74	96
CL25-30, CL25-30 WP	230.12	26	460.24	52	5,000	1.5×10^{-5}	1.9×10^{-5}	4,600	0.6	2	120	134
CL25-34, CL25-34 WP	309.78	35	619.55	70	4,000	3.2×10^{-5}	3.2×10^{-5}	6,000	0.7	2	162	179
CL25-38, CL25-38 WP	486.79	55	973.58	110	4,000	5.9×10^{-5}	5.7×10^{-5}	7,400	0.8	2	242	247
CL25-45, CL25-45 WP	584.15	66	1,168.29	132	3,000	1.3×10^{-4}	1.4×10^{-4}	16,000	1.0	2	386	425
CL25-55, CL25-55 WP	876.22	99	1,752.44	198	2,000	3.1×10^{-4}	3.7×10^{-4}	30,000	1.2	2	672	815
CL25-70, CL25-70 WP	1,557.73	176	3,115.46	352	2,000	8.1×10^{-4}	1.1×10^{-3}	46,000	1.4	2	1,135	1,448

(1) Moment of inertia and weight are based on the maximum size bores. (2) The maximum speed does not consider dynamic balance.