

Dial Weight Dynamometer Specifications

Dynamometer Ratings and Dimensions



Model	Full Scale Torque			Maximum Operating Speed (RPM)	Power Ratings		<i>Dimensions Below are in inches</i>				View Drawing (pdf)
	Range One	Range Two	Range Three		5 Minutes (Watts)	Continuous (Watts)	Input Shaft Diameter	Input Shaft Height	Base Plate Width	Base Plate Length	
HD-106-1	0.5 oz-in	1 oz-in	2 oz-in	30,000	35	7	0.125	3.5	7	14	
HD-400-1	2 oz-in	8 oz-in	16 oz-in	20,000	200	55	0.250	3.5	7	12	NA
HD-400-2	8 oz-in	16 oz-in	32 oz-in	20,000	200	55	0.250	3.5	7	12	NA
HD-500-1	25 oz-in	50 oz-in	100 oz-in	15,000	400	80	0.375	4.0	7	15	NA
HD-600-1	50 oz-in	100 oz-in	200 oz-in	10,000	600	100	0.500	4.812	8	17	
HD-700-1	100 oz-in	200 oz-in	400 oz-in	10,000	700	150	0.500	5.875	10	20	
HD-705-1	200 oz-in	400 oz-in	800 oz-in	8,000	1400	300	0.500	5.875	10	24	

Metric Scaling is available at customer request.

Dynamometer Accuracy

All dynamometer models are within 1% accuracy, with the exception of the following:

HD-106-1	0.5 oz-in range is 3.5%	HD-400-1	8 oz-in range is 2%
HD-106-1	1.0 oz-in range is 2%	HD-400-2	8 oz-in range is 2%
HD-400-1	2.0 oz-in range is 2%	HD-500-1	25 oz-in range is 2%