

MAGTROL 動力計 Magtrol Brand Dynamometers

磁滯式

Hysteresis Dynamometers



磁滯式動力計				
型號 Model	額定扭力 Minimum torque at rated current	額定功率 Kinetic power		最高轉速 Max speed rpm
	kg.cm	5 分鐘 5Minutes	連續 Continuous	
		W	W	
HD-100-7N	0.80	75	20	25,000
HD-106-7N	0.18	35	7	30,000
HD-400-7N	2.80	200	55	25,000
HD-500-7N	8.50	400	80	25,000
HD-505-7N	17	800	160	25,000
HD-510-7N	8.50	750	375	25,000
HD-515-7N	17	1,500	900	25,000
HD-700-7N	31	700	150	25,000
HD-705-7N	62	1,400	300	25,000
HD-710-7N	31	1,500	935	25,000
HD-715-7N	62	3,400	3,000	25,000
HD-800-7N	140	2,800	1,800	12,000
HD-805-7N	280	5,300	3,000	12,000
HD-810-7N	140	3,500	3,000	12,000
HD-815-7N	280	7,000	6,000	12,000
HD-825-7N	565	14,000	12,000	8,000

渦電流式

Eddy-Current Dynamometers



Model 1 WB 65-HS Eddy-Current Dynamometer

渦電流式動力計					
型號 Model	額定扭力 Rated torque kg.cm	額定轉速 Rated speed rpm	額定功率 Nominal power kW	最高轉速 Max speed	
				標準型 Standard type rpm	高速型 High speed type rpm
1 WB 2.7-8K	1.50	15,915	0.25	50,000	70,000
2 WB 2.7-8K	3.00	15,915	0.50	50,000	70,000
3 WB 2.7-8K	4.50	15,915	0.75	50,000	70,000
4 WB 2.7-8K	6.00	15,915	1.00	50,000	70,000
1 WB 23	0.80	20,000	0.30	100,000	
1 WB 43	15	9,550	1.50	50,000	65,000
2 WB 43	30	9,550	3	50,000	65,000
1 WB 65	100	5,730	6	30,000	50,000
2 WB 65	200	5,730	12	30,000	50,000
1 WB 115	500	2,865	15	18,000	22,000
2 WB 115	1000	2,865	30	18,000	22,000
1 WB 15	1400	2,390	35	7,500	—
2 WB 15	2800	2,390	70	7,500	—
3WB 15	4200	2,390	105	7,500	—
4 WB 15	5600	2,390	140	7,500	—

磁粉式

Powder Dynamometers

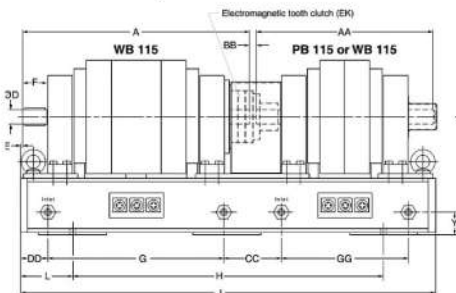


Model 1 PB 115 Powder Dynamometer

磁粉式動力計				
型號 Model	額定扭力 Rated torque	額定轉速 Rated speed	額定功率 Nominal power	最高轉速 Max speed
	kg.cm	rpm	kW	rpm
1 PB 2.7-8	6	320	0.02	3,000
2 PB 2.7-8	12	320	0.04	3,000
4 PB 2.7-8	24	320	0.08	3,000
1 PB 2.7-8k	6	2,390	0.15	10,000
2 PB 2.7-8k	12	2,390	0.30	10,000
4 PB 2.7-8k	24	2,390	0.60	10,000
1 PB 43	50	955	0.50	4,000
2 PB 43	10	955	1.00	4,000
1 PB 65	25	570	1.50	3,000
2 PB 65	50	570	3	3,000
1 PB 115	1000	480	5	3,000
2 PB 115	2000	480	10	3,000
1 PB 15	3000	382	12	2,000
2 PB 15	6000	382	24	2,000
4 PB 15	12000	382	48	2,000

複合式

Tandem Dynamometer



Magtrol 可以提供複合式動力計：

渦電流式+渦電流式 → 以提高扭力和功率的測試範圍

或

渦電流式+磁粉式 → 測試馬達從低速到高速的扭力特性

Because the characteristics of the WB and PB dynamometers are complementary, Magtrol is able to offer them mounted in a tandem setup. Each dynamometer (WB and PB) can autonomously operate according to its own characteristics.