

## Main specification of the dynamo

Absorption	Capacity	30kW	55kW	75kW	110kW
	Torque	44 N·m	131 N·m	179 N·m	262 N·m
Driving	Capacity at maximum rotation	30 kW	55 kW	75 kW	110 kW
	Torque at maximum rotation	29 N·m	52 N·m	71 N·m	105 N·m
	Capacity	22 kW	40 kW	55 kW	80 kW
	Torque	32 N·m	95 N·m	131 N·m	191 N·m
	Capacity at maximum rotation	22 kW	40 kW	55 kW	80 kW
	Torque at maximum rotation	21 N·m	38 N·m	52 N·m	76 N·m
Base rotation speed		6,500 min <sup>-1</sup>	4,000 min <sup>-1</sup>	4,000 min <sup>-1</sup>	4,000 min <sup>-1</sup>
Maximum rotation speed		10,000 min <sup>-1</sup>	10,000 min <sup>-1</sup>	10,000 min <sup>-1</sup>	10,000 min <sup>-1</sup>

Notes \*1 The rated capacity and the torque can be determined to match the test content.

## Meiden Digital Operating Desk (MDOD)

Item	Prime function
Display function	Real time monitor function (analog meter, digital meter, bar graph, trend, running resistance monitor)
Automatic operation function	<ul style="list-style-type: none"> <li>•Number of operation steps: 5,000 steps / pattern</li> <li>•Operation pattern production: maximum number of repetition of a pattern 9,999 times.</li> <li>Set graph display of the operation pattern, step transition conditions</li> <li>•Setting of operation parameters: transmission operation timing, clutch operation timing, shift operation timing</li> </ul>
Setting control function	<ul style="list-style-type: none"> <li>•Dynamo control: speed of rotation, torque</li> <li>•Throttle control: opening, speed of rotation, torque</li> </ul>
Measurement start condition	Start button
Measurement end condition	Stop button
Measurement items	Measurement, arithmetic calculation, special meter items
Measurement period	0.1~1(s)
Maximum number of measurements	50,000 times / number of measurement items
Number of data files	99 time / test
Other	<ul style="list-style-type: none"> <li>•Time (s), linking with the completion of fuel consumption measurement, number of measurement items: maximum 93 items</li> </ul>
Monitoring upper and lower limits	<ul style="list-style-type: none"> <li>•Monitored items: measurement / operation</li> <li>•Monitor directions: higher limit, high limit, low limit, lower limit</li> <li>•Setting of the monitor timer, monitor ON / OFF</li> </ul>
Correlation monitor	<ul style="list-style-type: none"> <li>•Monitor pattern (combination within 10 patterns)</li> <li>•Monitor directions: high limit, low limit.</li> <li>•Setting of the monitor timer, monitor ON / OFF</li> </ul>
Measurement during abnormality	<ul style="list-style-type: none"> <li>•Number of measurements after the occurrence of abnormality: 2,000 times</li> <li>•Measurement items: all measurement data</li> </ul>
Standard spread sheet	Through general spread sheet software Excel
Option	1 msec high speed measurement, Outer CPU interface: RS-232C, LAN, Horsepower performance chart