



### 1800 and 1500 RPM Sets

Model Number	M439D	M445D	M439T	M445T	M668D	M668T	M668TH
<b>AC Output<sup>1</sup></b>							
1800 RPM, 60 Hz	40 kW	45 kW	55 kW	65 kW	65 kW	80 kW	99 kW
1500 RPM, 50 Hz	33 kW	35 kW	45 kW	50 kW	50 kW	66 kW	80 kW
Phase	Available in Single or Three Phase Output						
RPM/ Hz	Available in 1800 RPM/60 Hz and 1500 RPM/ 50 Hz						
Voltages 60 Hz	60 Hz- 120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480						
Voltages 50 Hz	50 Hz- 110/190, 110/220, 115/230, 120/208, 127/220, 220/380, 240/416						
<b>Engine</b>							
Aspiration	Natural	Natural	Turbo	Turbo	Natural	Turbo	Turbo
Cylinders	Inline 4	Inline 4	Inline 4	Inline 4	Inline 6	Inline 6	Inline 6
Displacement cu. in. (l)	239 (3.9)	276 (4.5)	239 (3.9)	276 (4.5)	414 (6.8)	414 (6.8)	414 (6.8)
Bore in (mm)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)
Stroke in (mm)	4.3 (110)	5.0 (127)	4.3 (110)	5.0 (127)	5.0 (127)	5.0 (127)	5.0 (127)
HP at 1800 RPM <sup>2</sup>	58	66	82	97	97	120	147
Specific Fuel Rate <sup>3</sup> lb/bhp/hr	0.353	0.355	0.369	0.353	0.344	0.332	0.332
Approx. Fuel Rate <sup>4</sup> gph(lph)	2.9 (10.8)	3.3 (12.5)	4.8 (18.2)	4.8 (18.2)	4.7 (17.8)	6.9 (26.1)	6.9 (26.1)
<b>Dimensional Data<sup>5</sup></b>							
Length in (mm)	65.2 (1656)	65.2 (1656)	68.9 (1750)	68.9 (1750)	79.8 (2025)	79.8 (2025)	83 (2106)
Width in (mm)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)
Height in (mm)	37.7 (957.5)	39 (991)	39 (991)	39 (991)	38.8 (985.5)	38.75 (984)	39.75 (1009.6)
Approximate Weight lbs (kgs)	1645 (746)	1743 (791)	2039 (926)	2271 (1030)	2178 (988)	2712 (1230)	2857 (1296)

### 1200 RPM, Q-Series Sets

Model Number	M439Q	M445Q	M668Q	M668QT
<b>AC Output<sup>1</sup></b>				
1200 RPM, 60 Hz	22 kW	30 kW	40 kW	50 kW
Phase	Available in single or three phase			
Voltages 60 Hz	120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480			
<b>Engine</b>				
Aspiration	Natural	Natural	Natural	Turbo
Cylinders	Inline 4	Inline 4	Inline 6	Inline 6
Displacement cu. in. (l)	239 (3.9)	276 (4.5)	414 (6.8)	414 (6.8)
Bore in (mm)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)
Stroke in (mm)	4.3 (110)	5.0 (127)	5.0 (127)	5.0 (127)
HP at 1200 RPM <sup>2</sup>	33	45	60	75
Specific Fuel Rate <sup>3</sup> lb/bhp/hr	0.378	0.395	0.378	0.370
Approx. Fuel Rate <sup>4</sup> gph(lph)	1.8 (6.8)	2.5 (9.5)	3.2 (12.1)	3.9 (14.8)
<b>Dimensional Data<sup>5</sup></b>				
Length in (mm)	68 (1727)	68 (1727)	79 (2007)	83 (2108)
Width in (mm)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)
Height in (mm)	37.7 (957.5)	39 (991)	39 (991)	39.75 (1009.6)
Approx Weight lbs (kgs)	1766 (801)	1791 (812)	2220 (1007)	2857 (1296)

1. Prime kW rating. 1 kW equals 1000 watts, 0.8 power factor.

2. Net flywheel hp rating for fully equipped engine at 1800 (1200) RPM under SAE J816b.

3. Based on prime HP rating at 1800 (1200) RPM.

4. Based on prime kW rating at 1800 (1200) RPM. Fuel rate may vary depending on operating conditions.

5. Installation data for units with standard mounts, heat exchanger cooling and 3 phase generator ends. Dimensions and weight are effected by optional equipment. AC output and cooling configuration. Contact factory for more information.