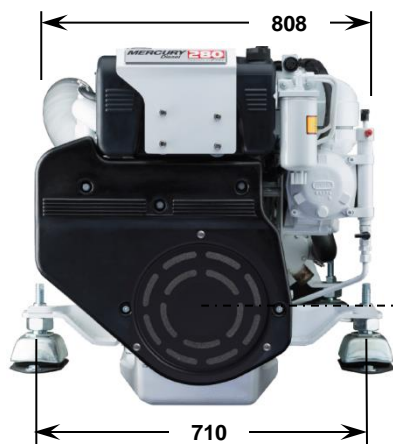
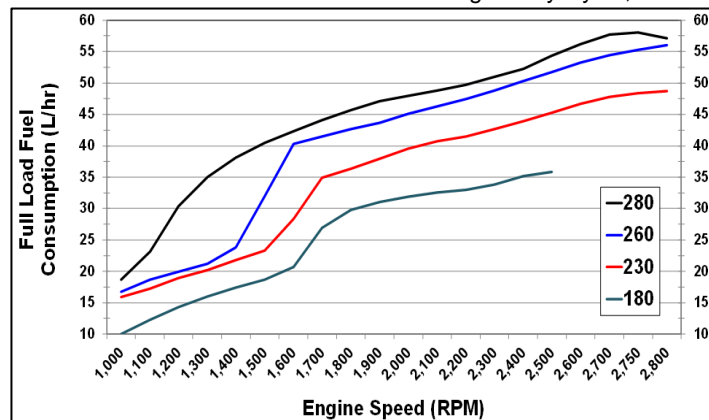
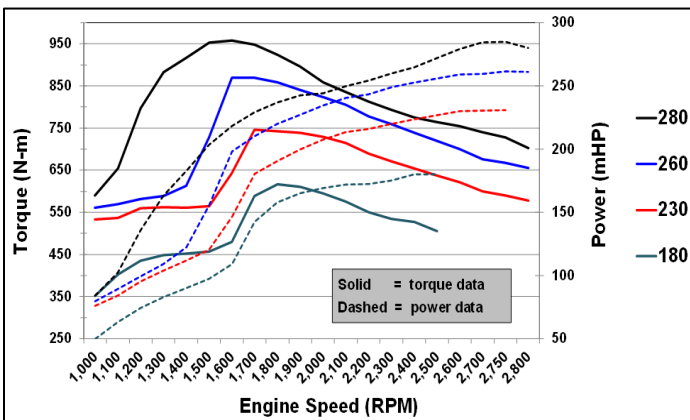


	280	260	230	180
Commercial Rating	Light Duty	Light Duty	Intermittent Duty	Medium Duty
Emission Certification	IMO Tier 2	IMO Tier 2	IMO Tier 2	IMO Tier 2
Configuration / Cycle	I6, 4 stroke diesel	I6, 4 stroke diesel	I6, 4 stroke diesel	I6, 4 stroke diesel
Dry Weight (k g)	605	605	605	605
Direction of Rotation	CCW	CCW	CCW	CCW
Valves per Cylinder	2	2	2	2
Displacement (L)	6.7L	6.7L	6.7L	6.7L
Bore x Stroke (mm)	104 x 132	104 x 132	104 x 132	104 x 132
Air Handling	Turbo – Cooled Air	Turbo – Cooled Air	Turbo – Cooled Air	Turbo – Cooled Air
Rated RPM	2,800	2,800	2,800	2,500
Output (mhp / kW)	280 / 206	260 / 191	230 / 169	180 / 132
Max Torque (N-m)	958 at 1,600	869 at 1,700	746 at 1,700	616 at 1,800
Engine Cooling	closed cooled	closed cooled	closed cooled	closed cooled
Turbo Cooling	closed cooled	closed cooled	closed cooled	closed cooled
Engine Stop	fuel shut off	fuel shut off	fuel shut off	fuel shut off
Flywheel Housing	SAE 3	SAE 3	SAE 3	SAE 3
Bobtail length (mm)	1,085	1,085	1,085	1,085
Bobtail width (mm)	808	808	808	808
Bobtail height (mm)	795	795	795	795
Inboard: ZF 220	1.00:1, 1.50:1, 1.96:1, 2.48:1 and 3.00:1	1.00:1, 1.50:1, 1.96:1, 2.48:1 and 3.00:1	1.00:1, 1.50:1, 1.96:1, 2.48:1 and 3.00:1	1.00:1, 1.50:1, 1.96:1, 2.48:1 and 3.00:1
Inboard: ZF 220A	1.24:1, 1.53:1, 2.04:1, and 3.00:1	1.24:1, 1.53:1, 2.04:1, and 3.00:1	1.24:1, 1.53:1, 2.04:1, and 3.00:1	1.24:1, 1.53:1, 2.04:1, and 3.00:1
Inboard: ZF 280IV	1.56:1, 2.06:1, and 2.56:1	1.56:1, 2.06:1, and 2.56:1	1.56:1, 2.06:1, and 2.56:1	1.56:1, 2.06:1, and 2.56:1
Inboard: ZF 280-1	2.48:1	2.48:1	2.48:1	2.48:1
Inboard: ZF 280-1A	2.48:1	2.48:1	2.48:1	2.48:1
Inboard: ZF 45A	not applicable	not applicable	not applicable	not applicable
Sterndrive – Primary***	not applicable	not applicable	Bravo 2X 1.50:1	Bravo 2X 1.65:1
Sterndrive – Optional***	not applicable	not applicable	Bravo 2XR 1.65:1	Bravo 2X 1.81:1

*** The commercial rating for all sterndrive hardware is Light Duty Cycle, LDC



Crankshaft Centerline

