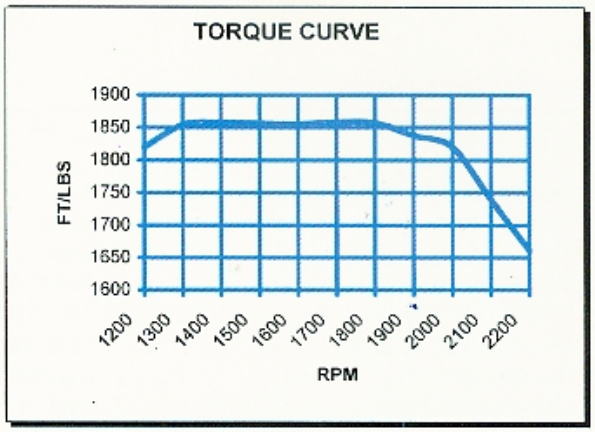
MAN MARINE DIESEL ENGINE D2876LE401 515kW (700 HP)

PERFORMANCE DATA

Weight: 1215 kg / 2673 lbs **Power To Weight Ratio: 3.82 lbs per HP**

	OUTPUT (Full Load)		FUEL CONSUMPTION (Propeller Demand)		
RPM	kW	**HP**	g/kWh	ltr/h	**gal/hr**
1200	309	**420**	210	28	**7**
1300	341	**464**	207	34	**9**
1400	368	**500**	212	42	**11**
1500	394	**536**	203	48	**13**
1600	420	**571**	199	55	**15**
1700	447	**608**	205	66	**17**
1800	473	**643**	201	75	**20**
1900	494	**672**	204	87	**23**
2000	515	**700**	209	101	**27**
2100	515	**700**	217	119	**31**
2200	515	**700**	225	139	**37**



MAN engine technology - for an environmentally compatible and secure future

MAN engines offer security for the future in terms of environmental compatibility. Water cooled MAN marine diesel engines with exhaust-gas turbocharging and intercooling provide maximum efficiency in the use of fuel and thus a particularly low-pollution combustion process as well.

To minimize the proportion of harmful substances in the exhaust gas, MAN engine technology starts at the combustion process. High-pressure injection, combustion chamber design, mixture formation and combustion itself are the most important factors here if exhaust gas quality is to be improved still further.

With regard to pollutant emissions, both marine and commercial-vehicle engines from MAN are setting the pace. And MAN is well prepared to meet forthcoming legislation in the marine engine sector. The harmful emissions from MAN marine diesel engines are below the limits stipulated by the Lake Constance Navigation Order and the Swiss Exhaust Gas Regulation for commercial applications.

RATING CONDITIONS

No reduction in rating for intake air temperature up to 113° F (45° C), and seawater temperatures of up to 90° F (32° C).

* The ratings are based on reference conditions according to DIN 5271/ISO 1046/1, propeller curve calculated at 2.5 exponent.