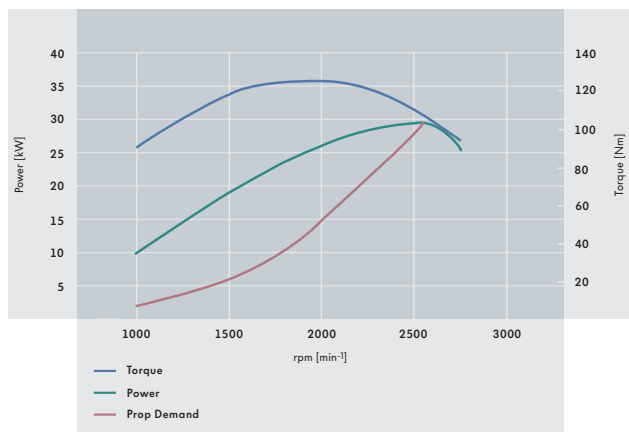


# Marine Engine Performance

## Volkswagen Marine SDI 40-4

**Power Rating SDI 40-4 - Diagram**

On ISO 8178-4 (metric)



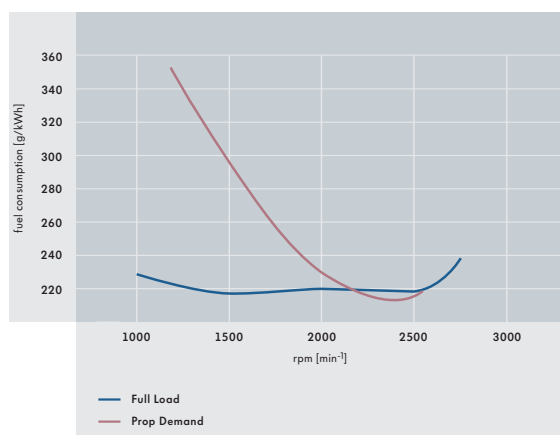
**Power Rating SDI 40-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	92	10	2
1500	119	19	6
2000	126	26	15
2500	111	28	28
2600	107	29	29

**Specific Fuel Consumption SDI 40-4 - Diagram**

On ISO 8178-4 (metric)



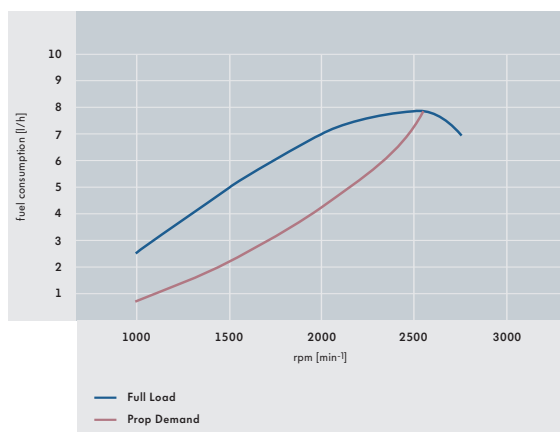
**Specific Fuel Consumption SDI 40-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	229	
1500	218	295
2000	220	233
2500	219	218
2600	220	220

**Fuel Consumption SDI 40-4 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption SDI 40-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	2,6	0,7
1500	5,0	2,2
2000	7,0	4,2
2500	7,7	7,7
2600	7,8	7,8

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

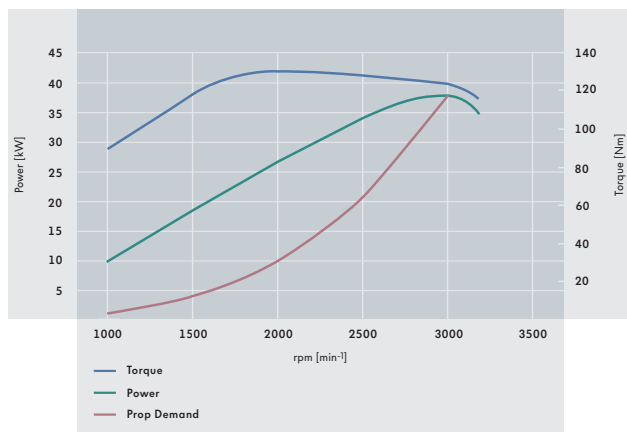
**VOLKSWAGEN** **marine**  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine SDI 50-4

**Power Rating SDI 50-4 - Diagram**

On ISO 8178-4 (metric)



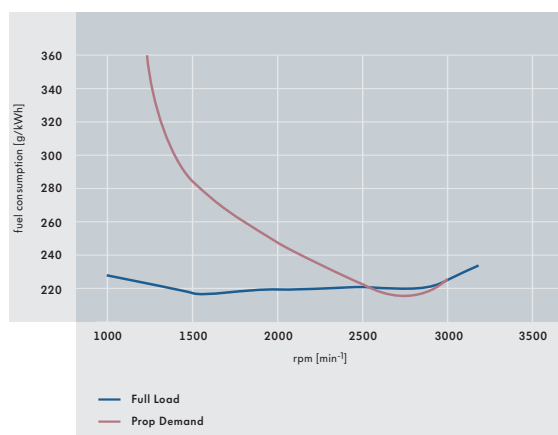
**Power Rating SDI 50-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	92	10	1
1500	119	18	4
2000	130	27	10
2500	128	34	21
3000	122	37	37

**Specific Fuel Consumption SDI 50-4 - Diagram**

On ISO 8178-4 (metric)



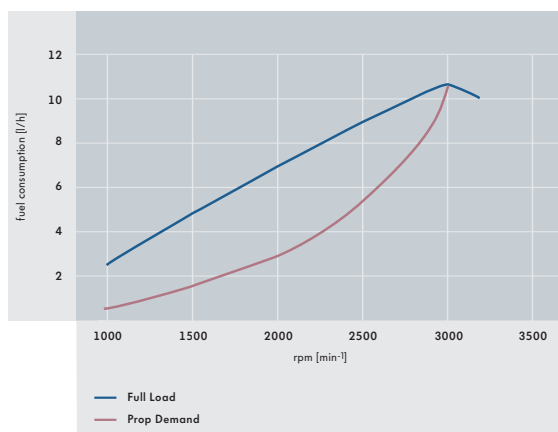
**Specific Fuel Consumption SDI 50-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	229	
1500	219	285
2000	220	248
2500	221	222
3000	226	226

**Fuel Consumption SDI 50-4 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption SDI 50-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	2,6	0,6
1500	4,8	1,4
2000	7,2	3,0
2500	9,0	5,7
3000	10,7	10,7

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

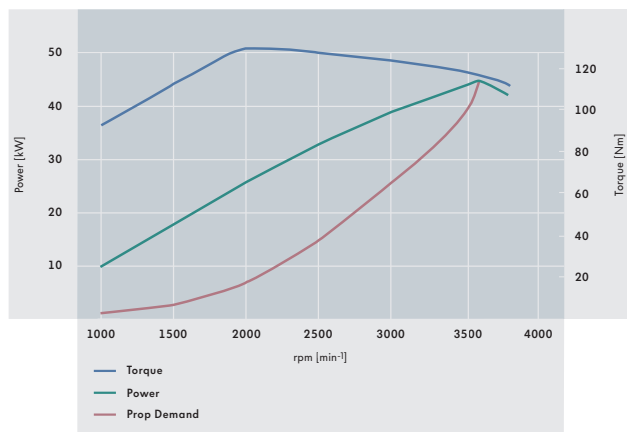
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine SDI 60-4

**Power Rating SDI 60-4 - Diagram**

On ISO 8178-4 (metric)



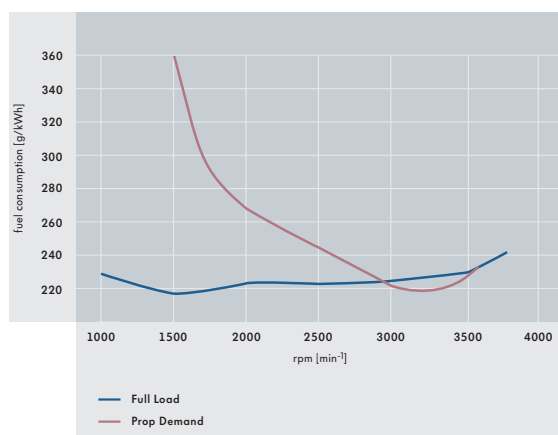
**Power Rating SDI 60-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	92	10	1
1500	118	18	3
2000	129	26	7
2500	127	33	15
3000	123	39	26
3500	119	43	40
3600	118	44	44

**Specific Fuel Consumption SDI 60-4 - Diagram**

On ISO 8178-4 (metric)



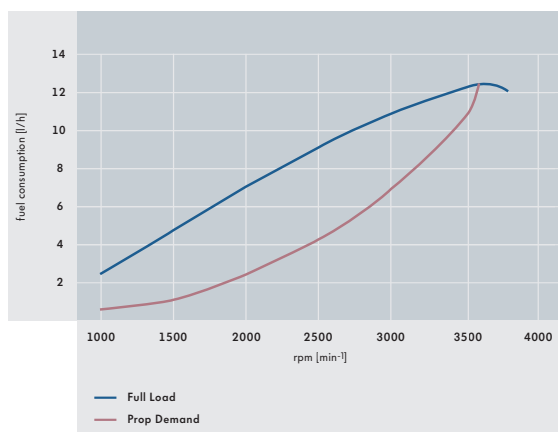
**Specific Fuel Consumption SDI 60-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	229	
1500	219	360
2000	223	272
2500	223	248
3000	225	223
3500	227	228
3600	234	234

**Fuel Consumption SDI 60-4 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption SDI 60-4 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	2,6	0,7
1500	4,8	1,2
2000	7,2	2,3
2500	9,1	4,3
3000	10,8	7,1
3500	12,2	11,0
3800	12,6	12,6

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

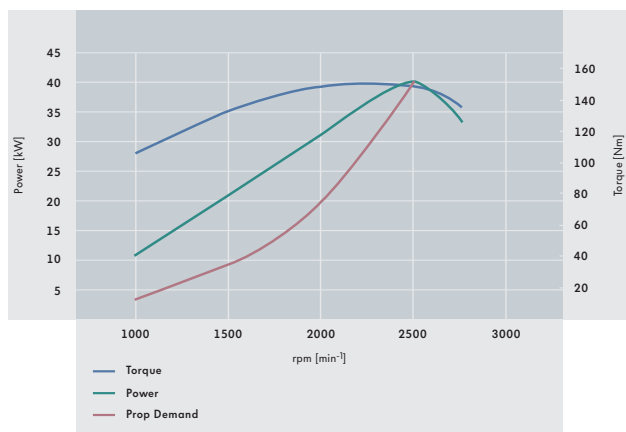
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine SDI 55-5

**Power Rating SDI 55-5 - Diagram**

On ISO 8178-4 (metric)



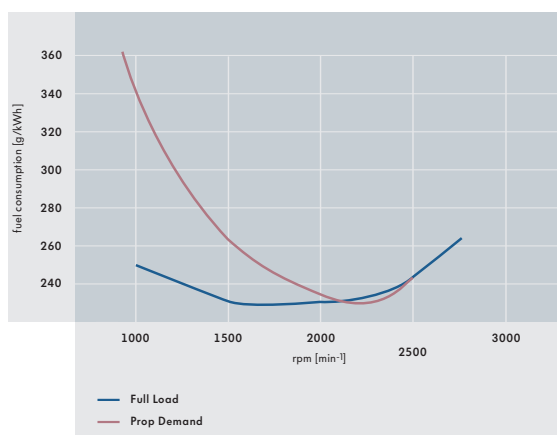
**Power Rating SDI 55-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	108	11	3
1500	136	21	9
2000	148	31	20
2500	153	40	40

**Specific Fuel Consumption SDI 55-5 - Diagram**

On ISO 8178-4 (metric)



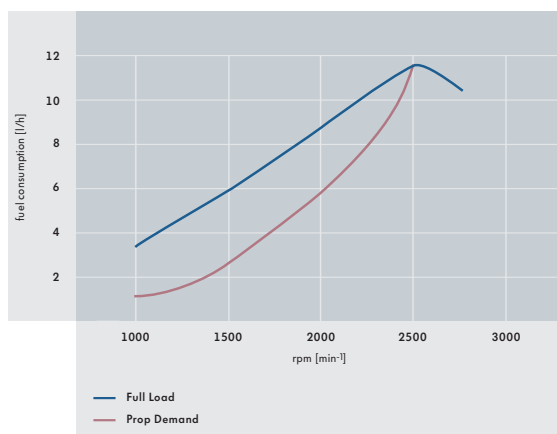
**Specific Fuel Consumption SDI 55-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	252	420
1500	233	265
2000	234	238
2500	242	242

**Fuel Consumption SDI 55-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption SDI 55-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	3,4	1,3
1500	6,0	3,2
2000	8,7	6,1
2500	11,6	11,6

1 Nm  $\hat{=}$  5,7102 lb inch  
1 kW  $\hat{=}$  1,3410 HP English

1 inch = 0,0833 foot  
1 kW = 1,3596 PS metric

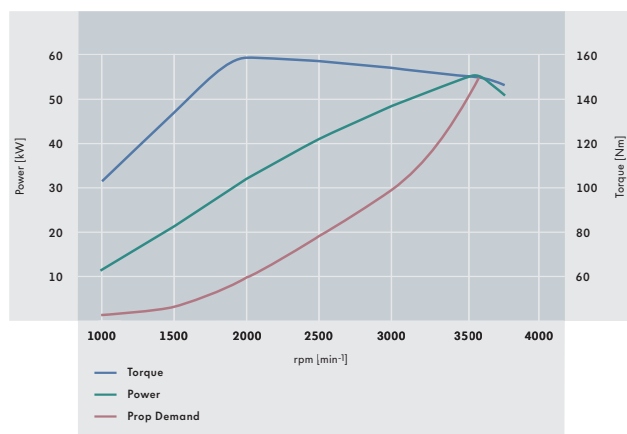
1 l = 0,2642 g  
1 g  $\hat{=}$  0,0022 lb American

1 Nm  $\hat{=}$  0,7376 lb ft foot pound

# Marine Engine Performance

## Volkswagen Marine TDI 75-4

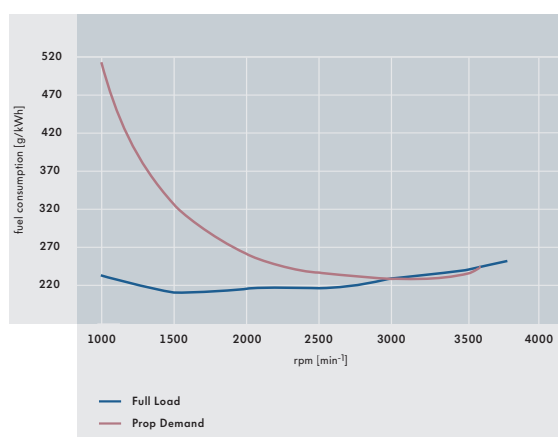
**Power Rating TDI 75-4 - Diagram**  
On ISO 8178-4 (metric)



**Power Rating TDI 75-4 - Data**  
On ISO 8178-4 (metric)

rpm [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	109	11	1
1500	137	21	4
2000	159	34	10
2500	157	41	19
3000	156	49	32
3500	151	55	51
3600	149	55	55

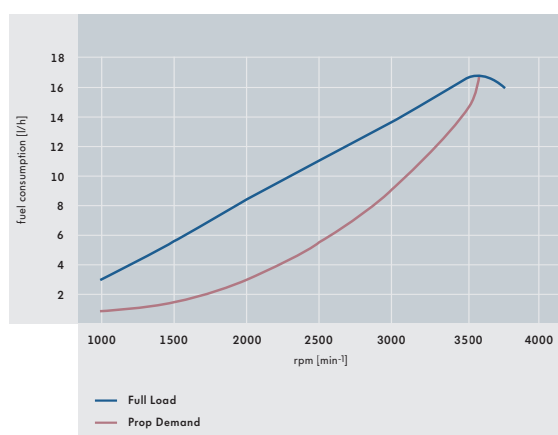
**Specific Fuel Consumption TDI 75-4 - Diagram**  
On ISO 8178-4 (metric)



**Specific Fuel Consumption TDI 75-4 - Data**  
On ISO 8178-4 (metric)

rpm [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	230	517
1500	210	322
2000	212	260
2500	216	242
3000	236	236
3500	243	237
3600	247	243

**Fuel Consumption TDI 75-4 - Diagram**  
On ISO 8178-4 (metric)



**Fuel Consumption TDI 75-4 - Data**  
On ISO 8178-4 (metric)

rpm [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	3,0	0,8
1500	5,5	1,6
2000	8,6	3,0
2500	10,7	5,5
3000	13,5	9,1
3500	16,3	14,8
3600	16,5	16,5

1 Nm  $\hat{=}$  5,7102 lb inch  
1 kW  $\hat{=}$  1,3410 HP English

1 inch = 0,0833 foot  
1 kW = 1,3596 PS metric

1 l = 0,2642 g  
1 g  $\hat{=}$  0,0022 lb American

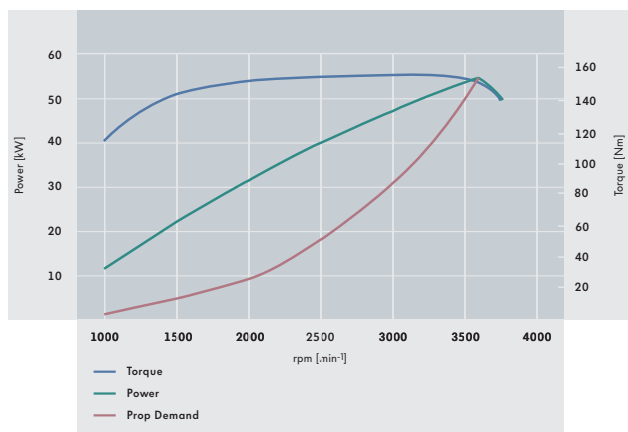
1 Nm  $\hat{=}$  0,7376 lb ft foot pound

# Marine Engine Performance

## Volkswagen Marine SDI 75-5

**Power Rating SDI 75-5 - Diagram**

On ISO 8178-4 (metric)



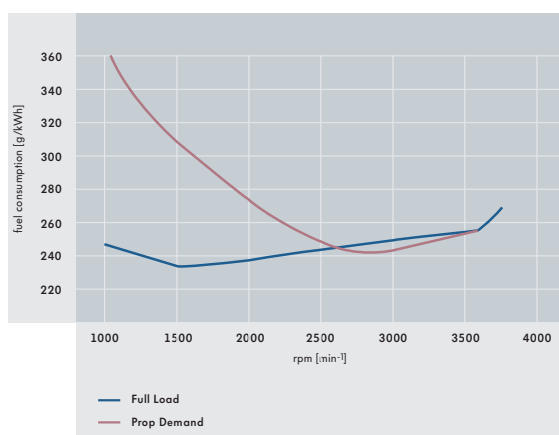
**Power Rating SDI 75-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	118	12	1
1500	141	24	5
2000	148	31	9
2500	151	40	19
3000	152	48	32
3500	147	54	51
3600	146	55	55

**Specific Fuel Consumption SDI 75-5 - Diagram**

On ISO 8178-4 (metric)



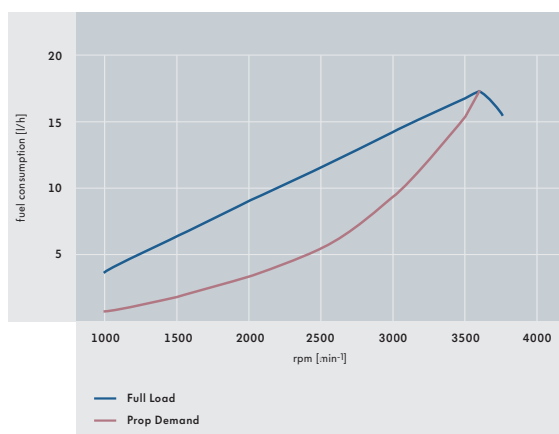
**Specific Fuel Consumption SDI 75-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	248	360
1500	233	308
2000	238	278
2500	243	248
3000	249	243
3500	257	257
3600	258	258

**Fuel Consumption SDI 75-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption SDI 75-5 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	3,6	0,9
1500	6,7	1,8
2000	8,9	3,1
2500	11,6	5,5
3000	14,5	9,4
3500	16,9	15,8
3600	17,3	17,3

1 Nm  $\triangleq$  5,7102 lb inch  
1 kW  $\triangleq$  1,3410 HP English

1 inch = 0,0833 foot  
1 kW = 1,3596 PS metric

1 l = 0,2642 g  
1 g  $\triangleq$  0,0022 lb American

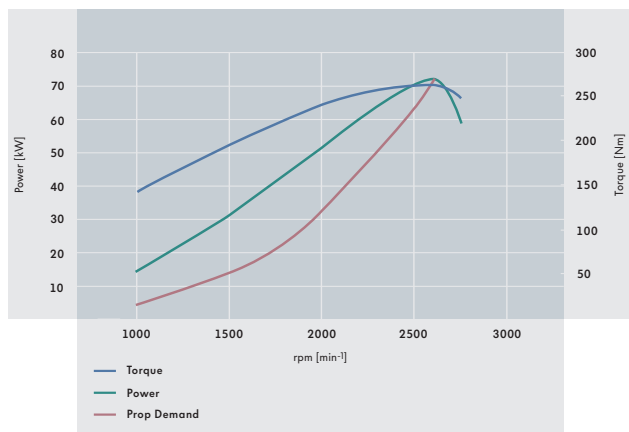
1 Nm  $\triangleq$  0,7376 lb ft foot pound

# Marine Engine Performance

## Volkswagen Marine TDI 100-5

**Power Rating TDI 100-5 - Diagram**

On ISO 8178-4 (metric)



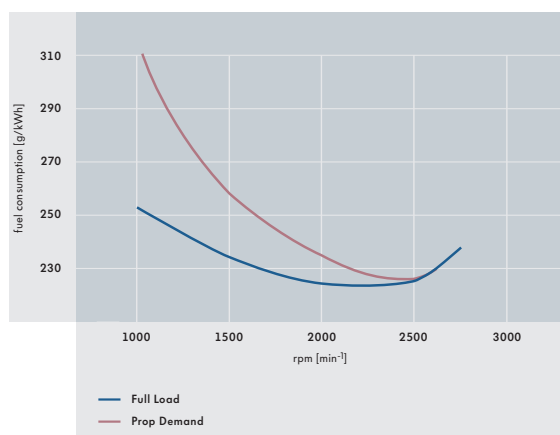
**Power Rating TDI 100-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	140	15	4
1500	194	31	14
2000	241	51	33
2500	266	70	64
2600	267	74	74

**Specific Fuel Consumption TDI 100-5 - Diagram**

On ISO 8178-4 (metric)



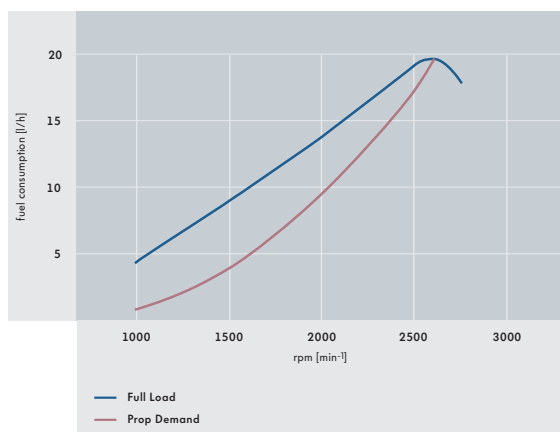
**Specific Fuel Consumption TDI 100-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	253	320
1500	234	258
2000	224	235
2500	225	227
2600	230	230

**Fuel Consumption TDI 100-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 100-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	4,5	1,6
1500	8,6	4,3
2000	13,6	9,6
2500	19,0	17,6
2600	19,5	19,5

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

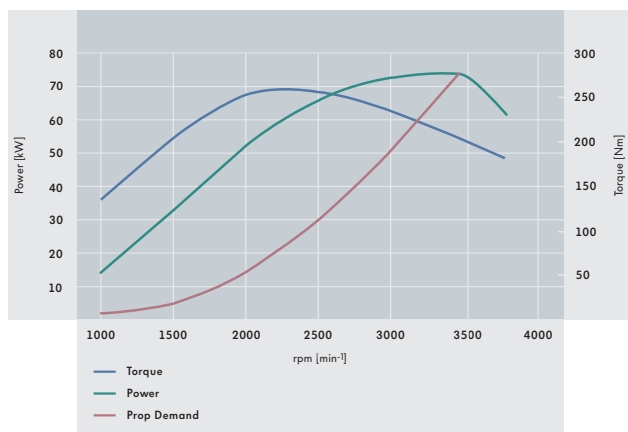
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine TDI 100-5 SE

**Power Rating TDI 100-5 SE - Diagram**

On ISO 8178-4 (metric)



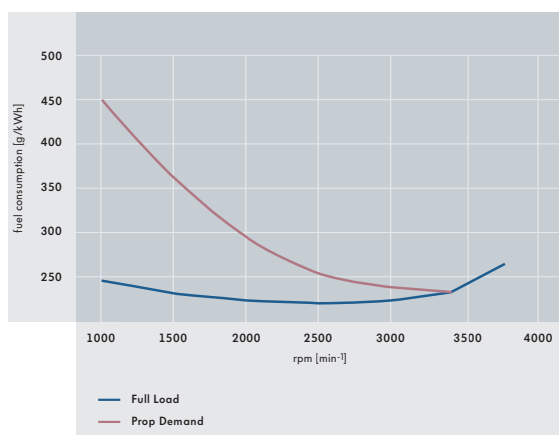
**Power Rating TDI 100-5 SE - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	130	14	2
1500	206	32	6
2000	251	52	15
2500	254	66	30
3000	235	73	51
3400	210	74	74

**Specific Fuel Consumption TDI 100-5 SE - Diagram**

On ISO 8178-4 (metric)



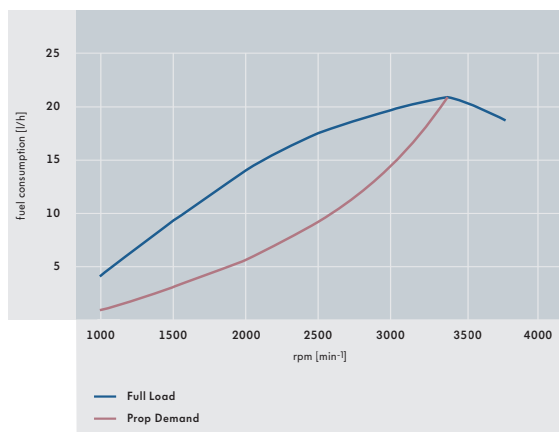
**Specific Fuel Consumption TDI 100-5 SE - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	247	450
1500	230	362
2000	224	298
2500	218	255
3000	220	242
3400	231	231

**Fuel Consumption TDI 100-5 SE - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 100-5 SE - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	4,0	1,0
1500	9,3	2,8
2000	14,2	5,4
2500	17,5	9,1
3000	19,7	14,1
3400	21,0	21,0

1 Nm  $\triangleq$  5,7102 lb inch  
1 kW  $\triangleq$  1,3410 HP English

1 inch = 0,0833 foot  
1 kW = 1,3596 PS metric

1 l = 0,2642 g  
1 g  $\triangleq$  0,0022 lb American

1 Nm  $\triangleq$  0,7376 lb ft foot pound

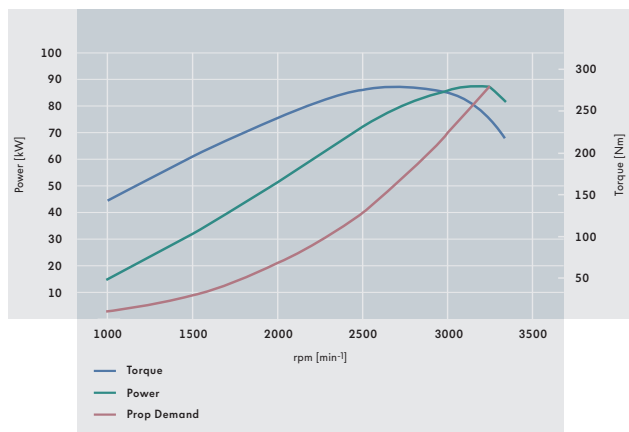


# Marine Engine Performance

## Volkswagen Marine TDI 120-5

**Power Rating TDI 120-5 - Diagram**

On ISO 8178-4 (metric)



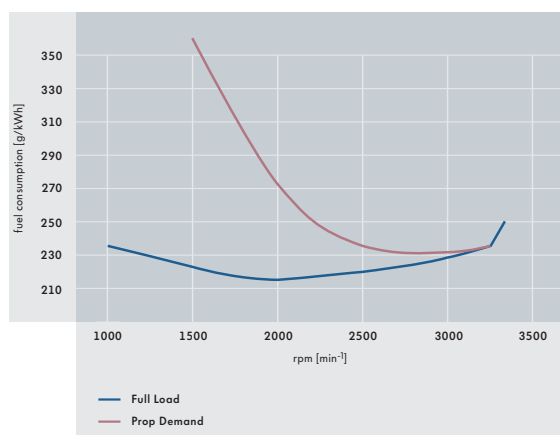
**Power Rating TDI 120-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	145	15	3
1500	199	31	9
2000	242	51	21
2500	274	72	40
3000	273	86	70
3250	228	88	88

**Specific Fuel Consumption TDI 120-5 - Diagram**

On ISO 8178-4 (metric)



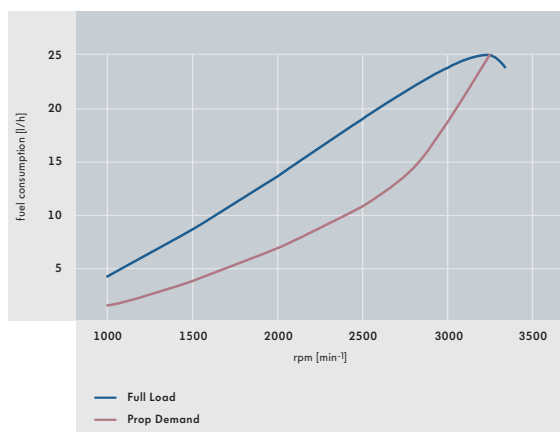
**Specific Fuel Consumption TDI 120-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	235	
1500	224	360
2000	215	272
2500	220	239
3000	229	230
3250	234	234

**Fuel Consumption TDI 120-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 120-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	4,3	2,0
1500	8,5	3,8
2000	13,1	6,7
2500	19,1	11,6
3000	23,8	19,0
3250	25,0	25,0

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

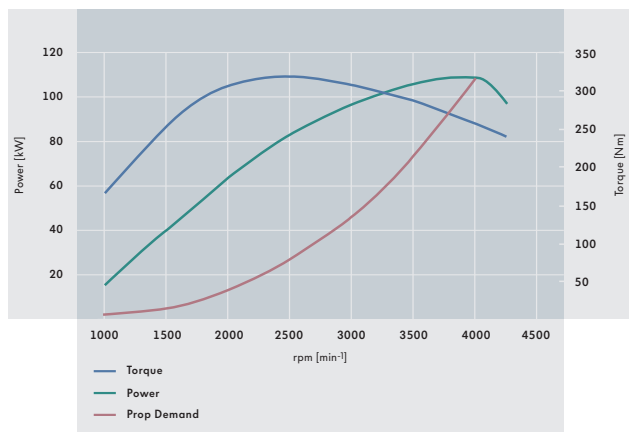
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine TDI 150-5

**Power Rating TDI 150-5 - Diagram**

On ISO 8178-4 (metric)



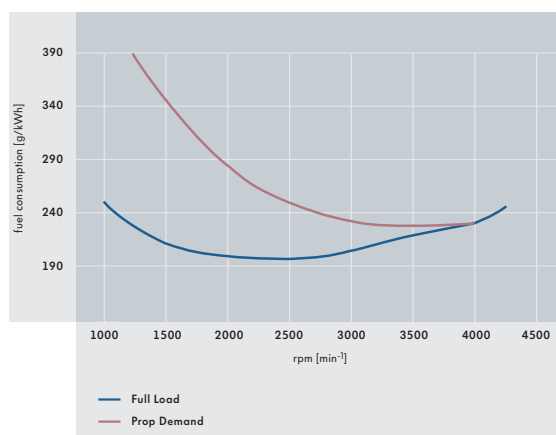
**Power Rating TDI 150-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	166	17	2
1500	261	40	6
2000	310	65	14
2500	319	83	27
3000	307	97	47
3500	288	106	75
4000	267	111	111

**Specific Fuel Consumption TDI 150-5 - Diagram**

On ISO 8178-4 (metric)



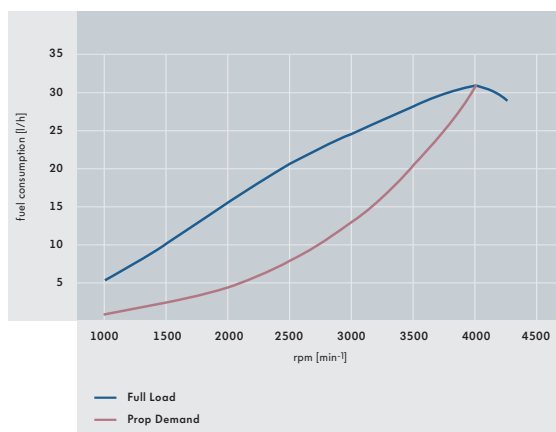
**Specific Fuel Consumption TDI 150-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	248	
1500	218	350
2000	205	285
2500	202	251
3000	205	230
3500	216	226
4000	227	227

**Fuel Consumption TDI 150-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 150-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	5,2	1,5
1500	10,8	2,5
2000	16,1	4,8
2500	20,3	8,2
3000	23,9	13,1
3500	27,7	20,4
4000	30,6	30,6

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

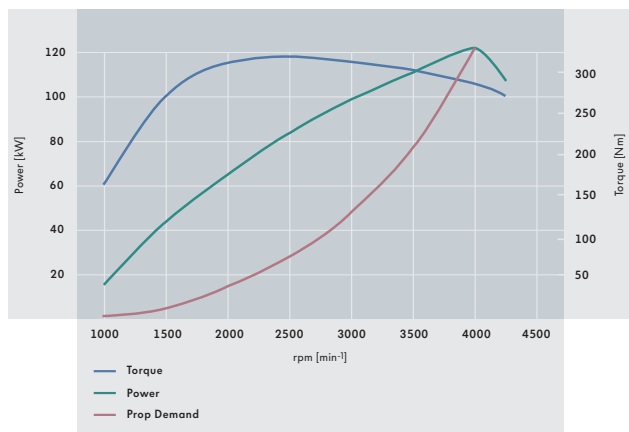
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine TDI 165-5

**Power Rating TDI 165-5 - Diagram**

On ISO 8178-4 (metric)



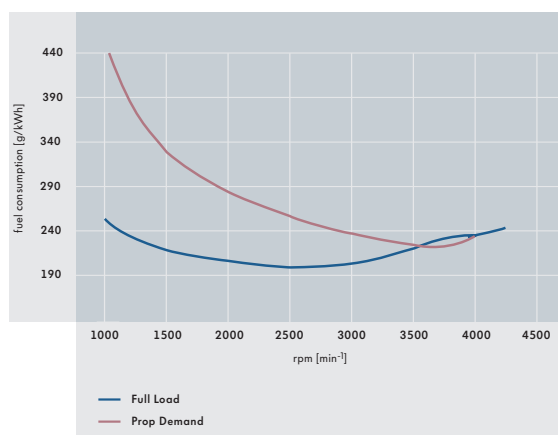
**Power Rating TDI 165-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	163	17	2
1500	272	43	6
2000	310	65	15
2500	320	84	29
3000	315	99	50
3500	301	111	79
4000	282	121	121

**Specific Fuel Consumption TDI 165-5 - Diagram**

On ISO 8178-4 (metric)



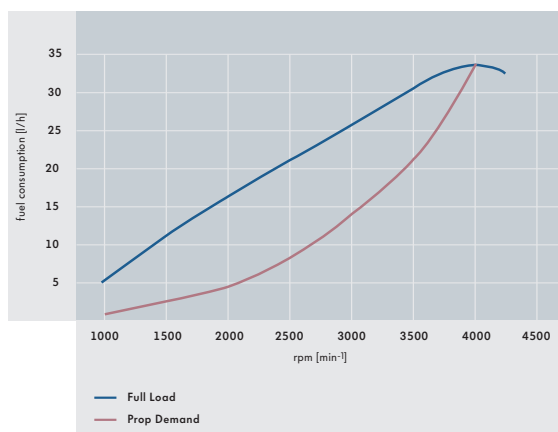
**Specific Fuel Consumption TDI 165-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	256	
1500	222	330
2000	205	285
2500	203	268
3000	209	239
3500	224	228
4000	235	235

**Fuel Consumption TDI 165-5 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 165-5 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	5,3	1,7
1500	11,7	2,5
2000	16,4	5,0
2500	21,0	9,3
3000	25,5	14,3
3500	30,5	21,7
4000	34,7	34,7

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

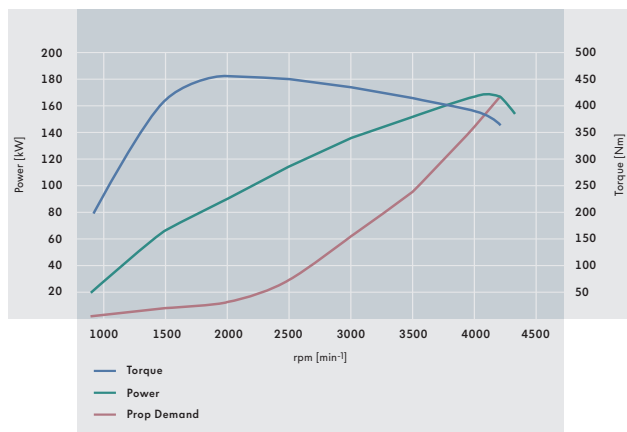
1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

# Marine Engine Performance

## Volkswagen Marine TDI 225-6

**Power Rating TDI 225-6 - Diagram**

On ISO 8178-4 (metric)



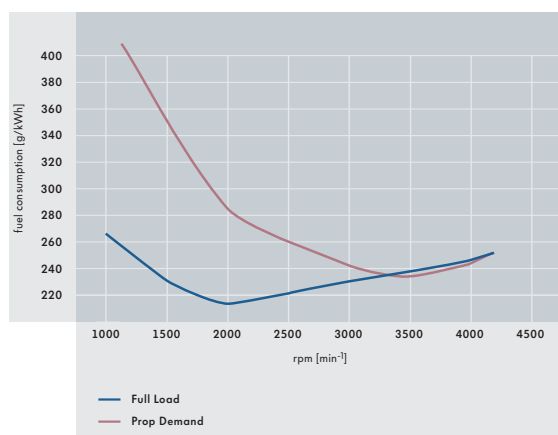
**Power Rating TDI 225-6 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	234	25	2
1500	409	64	8
2000	451	95	18
2500	450	118	35
3000	443	139	60
3500	420	154	96
4000	394	164	143
4200	377	165	165

**Specific Fuel Consumption TDI 225-6 - Diagram**

On ISO 8178-4 (metric)



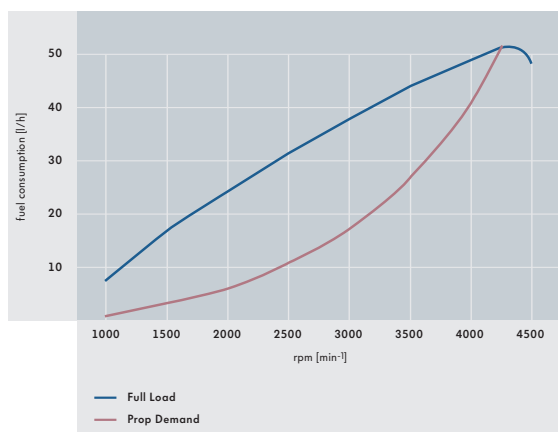
**Specific Fuel Consumption TDI 225-6 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	268	495
1500	226	352
2000	216	285
2500	225	260
3000	232	242
3500	239	235
4000	247	242
4200	255	255

**Fuel Consumption TDI 225-6 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 225-6 - Data**

On ISO 8178-4 (metric)

DRZ [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	7,9	1,3
1500	17,4	3,2
2000	24,4	6,1
2500	31,8	10,9
3000	38,8	17,6
3500	44,3	27,6
4000	49,0	41,7
4200	50,8	50,8

1 Nm  $\triangleq$  5,71015 lb inch  
1 kW  $\triangleq$  1,3410219 HP English

1 inch = 0,08333 foot  
1 kW = 1,359621 PS metric

1 l = 0,2641704656 g  
1 g  $\triangleq$  0,0022046223 lb American

1 Nm  $\triangleq$  0,7375620525 lb ft foot pound

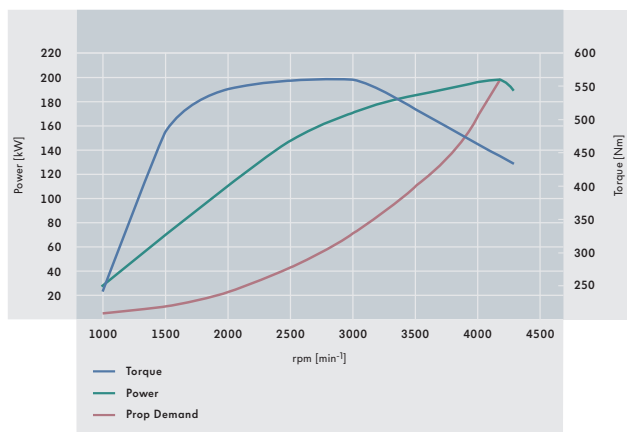
**VOLKSWAGEN** *marine*  
SUPERIOR TECHNOLOGY

# Marine Engine Performance

## Volkswagen Marine TDI 265-6

**Power Rating TDI 265-6 - Diagram**

On ISO 8178-4 (metric)



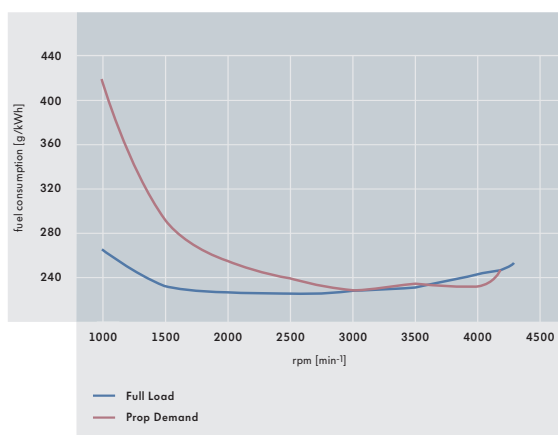
**Power Rating TDI 265-6 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Torque [Nm]	Power [kW]	Prop Demand [kW]
1000	254	27	3
1500	474	73	9
2000	545	114	22
2500	561	147	42
3000	556	174	72
3500	510	183	113
4000	468	195	168
4200	449	198	198

**Specific Fuel Consumption TDI 265-6 - Diagram**

On ISO 8178-4 (metric)



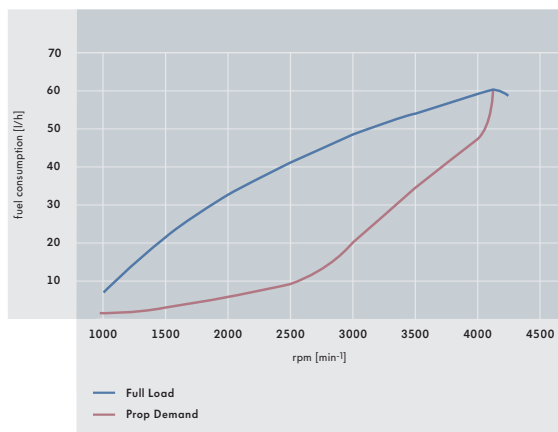
**Specific Fuel Consumption TDI 265-6 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [g/kWh]	Prop Demand [g/kWh]
1000	268	423
1500	233	293
2000	228	253
2500	226	247
3000	228	228
3500	232	237
4000	243	230
4200	248	248

**Fuel Consumption TDI 265-6 - Diagram**

On ISO 8178-4 (metric)



**Fuel Consumption TDI 265-6 - Data**

On ISO 8178-4 (metric)

rpm [1/min]	Full Load [l/h]	Prop Demand [l/h]
1000	8,5	1,0
1500	21,3	3,3
2000	32,0	6,7
2500	41,0	9,6
3000	48,5	20,0
3500	52,8	33,0
4000	59,0	47,0
4200	60,1	60,1

1 Nm  $\hat{=}$  5,7102 lb inch  
1 kW  $\hat{=}$  1,3410 HP English

1 inch = 0,0833 foot  
1 kW = 1,3596 PS metric

1 l = 0,2642 g  
1 g  $\hat{=}$  0,0022 lb American

1 Nm  $\hat{=}$  0,7376 lb ft foot pound