



## PDF-Datasheet



# PRODUCT DATA SHEET

Request #00156826

File: W-G\_DST\_LIGHT\_EN\_COMPRESSED\_SI#156826

Section



W\_MI\_90\_10\_90B5\_M1\_INOIL\_STD\_TypSTM\_N\_-----

### C.1.10.30 Gearbox - Basic plate data

<b>n1</b>	Input shaft speed	<b>1400</b>	[rpm]
<b>n2</b>	Output shaft speed	<b>140</b>	[rpm]
<b>ir_gear</b>	Transmission ratio	<b>10</b>	[Numeric]
<b>TN</b>	Gearbox Nominal Output Torque	<b>306</b>	[Nm]
<b>P1n</b>	Nominal Input Mechanical Power	<b>5.1</b>	[kW]
<b>RD%</b>	Dynamic efficiency	<b>88</b>	[Numeric]
<b>Fr(I/2) n1</b>	Input Nominal Radial Load for Gearbox at I/2 distance	<b>1082</b>	[N]
<b>Fr(I/2) n2</b>	Output Nominal Radial Load for Gearbox at I/2 distance	<b>3391</b>	[N]
<b>Fa n1</b>	Input Nominal Axial Load	<b>216</b>	[N]
<b>Fa n2</b>	Output Nominal Axial Load	<b>678</b>	[N]
<b>Ptn</b>	Thermal Power Rating	<b>3.78</b>	[kW]



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