



PRODUCT DATA SHEET

Request #00258327

File: W-G_DST_LIGHT_EN_COMPRESSED_SI#258327

Section



PDF-Datasheet

W_MI_110_7.5_100B5_M1_INOIL_STD_TypSTM_N-----

C.1.10.30 Gearbox - Basic plate data

n1	Input shaft speed	1400	[rpm]
n2	Output shaft speed	186.7	[rpm]
ir_gear	Transmission ratio	7.5	[Numeric]
TN	Gearbox Nominal Output Torque	546	[Nm]
P1n	Nominal Input Mechanical Power	12	[kW]
RD%	Dynamic efficiency	89	[Numeric]
Fr(I/2) n1	Input Nominal Radial Load for Gearbox at I/2 distance	8	[N]
Fr(I/2) n2	Output Nominal Radial Load for Gearbox at I/2 distance	3893	[N]
Fa n1	Input Nominal Axial Load	2	[N]
Fa n2	Output Nominal Axial Load	779	[N]
Ptn	Thermal Power Rating	5.95	[kW]



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