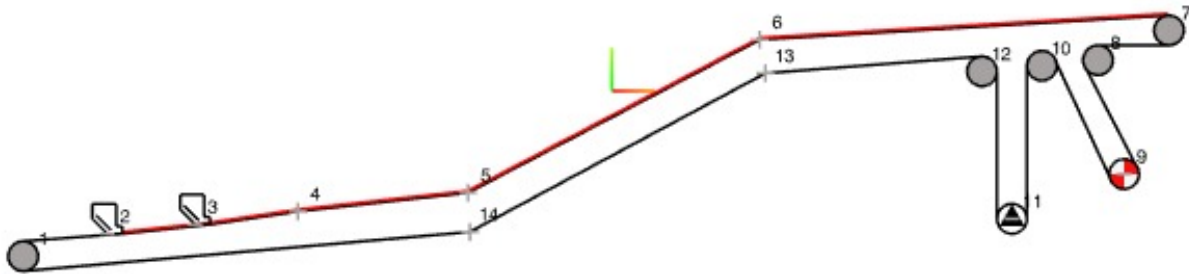


Helix Technologies Pty Ltd

Project	Demo 02 Conveyor High Lift	Client	ABC Iron
Project No.	P9823	Prepared By	Peter Burrow
Conveyor No.	C223_Copy	Design Date	01 Oct 2019



C223_Copy



Drive Number	1	Drive	Pulley Number	9
Drive Description		Head	Total Motor Power on Drive	1260 kW
Number of Motors on Drive Pulley		2	Absorbed Power at Pulley	1276.07 kW
Motor Category		Toshiba	Drive Efficiency	95 %
Motor Description		Toshiba Wound Rotor TIM	Absorbed Power at Motor	671.62 kW
Motor Power Rating		630 kW	Motor Full Load Speed	985 rpm
Motor Voltage		6600 V	Motor Full Load Torque	6108 Nm
Number of Poles		6	Motor Full Load Current	63 Amps
Motor Frame Size		FCKNW500-1250	Motor Efficiency at Duty Point	95.32 %
Motor Shaft Diameter		0 mm	Motor Power Factor at Duty Point	0.92
Motor Shaft Height		0 mm	Mass of Motor	5500 kg
Motor Inertia		74.10 kgm²	Selection Mode	Manual