

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

Station / Section

Station	Description	Shell Dia mm	Lagging mm	Face Width mm	Shaft Length mm	Brg Ctrs mm	Shaft Dia mm	Brg Dia mm	Wrap Angle deg	Pulley Speed RPM	Pulley & Shaft Mass kg	Mom of Inertia kgm2
1	Tail	* 850	12	2000	3200	2560	280	160	180.0	94.0	2815	197.9
7	Head	* 1000	12	2000	3520	2700	380	240	180.0	80.2	5464	506.1
8	Bend	* 1000	12	2000	3520	2700	380	240	128.0	80.2	5464	506.1
9	Drive	* 1000	12	2000	3460	2700	320	240	180.0	80.2	4414	448.9
10	Bend	* 850	12	2000	3200	2560	280	160	139.0	94.0	2815	197.9
11	Takeup	* 850	12	2000	3200	2560	280	160	180.0	94.0	2815	197.9
12	Bend	* 850	12	2000	3160	2560	280	160	93.0	94.0	2796	197.7

* Indicates Manual pulley dimensions entered