



SL. NO.	ITEM DESCRIPTION	MATERIAL	SPECIFICATION
1	STEEL TUBE / PIPE	ERW-VIS7210	IS 9295
2	SHAFT	C-40/EN-8	IS 1570/BS910
3	BEARING HOUSING	CRCA STEEL SHEET 3.15 MM	IS 513
4	BALL BEARING	DEEP GROOVE BALL	SKF/FAG/
5	INNER OF BACK SEAL	NYLON - 6	
6	INNER LABYRINTH	NYLON - 6	
7	OUTER LABYRINTH	NYLON - 6	
8	EXTERNAL CIRCLIP	SPRING STEEL GRADE IS 3075	
9	DUST COVER (OUTER SEAL)	CRCA SHEET	
10	RAIN CAP	NYLON - 6	

MATERIAL SPECIFICATION FOR CONVEYOR IDLER

S. NO.	DESCRIPTION	L	L1	φ1	φ3/φ2	C	W	T	BRG. NO.
1	1600mm Carrying Roller	598	633	165.1	40/35	28	12	5.4	6207
2	1600mm Return Roller	848	883	139.7	32/30	22	12	4.85	6206
3	Non-magnetic roller	598	633	165.1	40/35	28	12	5.4	6207

For non-magnetic roller steel tube material - SS-304

- NOTES:
- 1 ALL DIMENSION ARE IN MM
  - 2 IDLERS SHALL BE LIFE LUBRICATED TYPE AS PER IS 9598
  - 3 THE IDLERS ARE DROP TYPE

Mr. S. S. Management (Pvt) Ltd.  
18.05.2021  
Sr. Manager (Mech)