IDLER FOR 1000MM WIDTH CONVEYOR BELT

SL. NO	M. CODE	DESCRIPTION		Qty (Nos.) set			
		TYPE OF IDLER	SIZE OF IDLER				
14	3/019/003/451	TROUGHING IMPACT IDLER	Roller Size-O/D-152mm x 380mm Long X 25mm Shaft Dia. along with base frame Channel size – 100mm x 50mm, Long 1360mm & Hole centre 1290mm. **Note-** one set consist of 3 nos of roller along with base frame.	20			

IDLER FOR 1200MM WIDTH CONVEYOR BELT

SL. NO	M. CODE	DESCRIPTION		Qty (Nos.) set			
		TYPE OF IDLER	SIZE OF IDLER				
18	3/019/003/445	TROUGHING IMPACT IDLER	Roller Size-152.4mm x 430mm Long X 25mm Shaft Diameter along with base frame Channel size – 100mm x 50mm, Long 1510mm & Hole centre 1450mm. **Note-** one set consist of 3 nos of roller along with base frame.	15			

TECHNICAL SPECIFICATION OF IDLERS

SL NO	TYPE OF IDLER	TROUGHING IDLER	IMPACT IDLER	TROUGHING TRAINING IDLER	R.D. RETRUN IDLER
1	NOMINAL O.D. OF ROLL (MM)	139.7	—	139.7	—
2	THICKNESS OF ROLL (MM)	5.4	5.4	5.4	5.4
3	MATERIAL OF ROLL	E.R.W. TUBE AS PER IS :1239			
4	SHAFT DIAMETER (MM)	25 (C-40 IS—1570)			
5	BEARING TYPE	DEEP GROOVE BALL BEARING MAKE SKF/FAG/TATA 6305			
6	DYNAMIC LOAD RATING OF BEARING	1100Kgf	1100Kgf	1100Kgf	1100Kgf
7	ROLL MOUNTING	DROP IN SLOT TYPE			
8	LUBRICATION	LUBRICATED FOR LIFE (SERVO GEM EP—2)			
9	O.D. OF RUBBER DISC FOR IMPACT IDLER	—	152	—	152
10	O.D. OF STEEL TUBE FOR IMPACT IDLER	—	89	—	60
11	TROUGHING ANGLE (Deg)	30^0	30^0	30^0	—
12	TYPE OF FRAME	CHANNEL BASE	CHANNEL BASE	CHANNEL BASE	CHANNEL BASE
13	SEALING ARRANGEMENT	Roller should be grease packed and sealed for life .Roller should be provided with a multi labyrinth non contact type seal to keep dust and moisture away from the roller bearing. Water proof weather cap to be provided at the roller end to prevent water entering. Roller should be provided with back seal to prevent grease entering inside the roller.			
14	PAINT	All roller and hanger/frames should be painted with one coat of Zinc chromate primer and two coats of Smoke Grey synthetic enamel paint of Shalimar/Berger etc.			