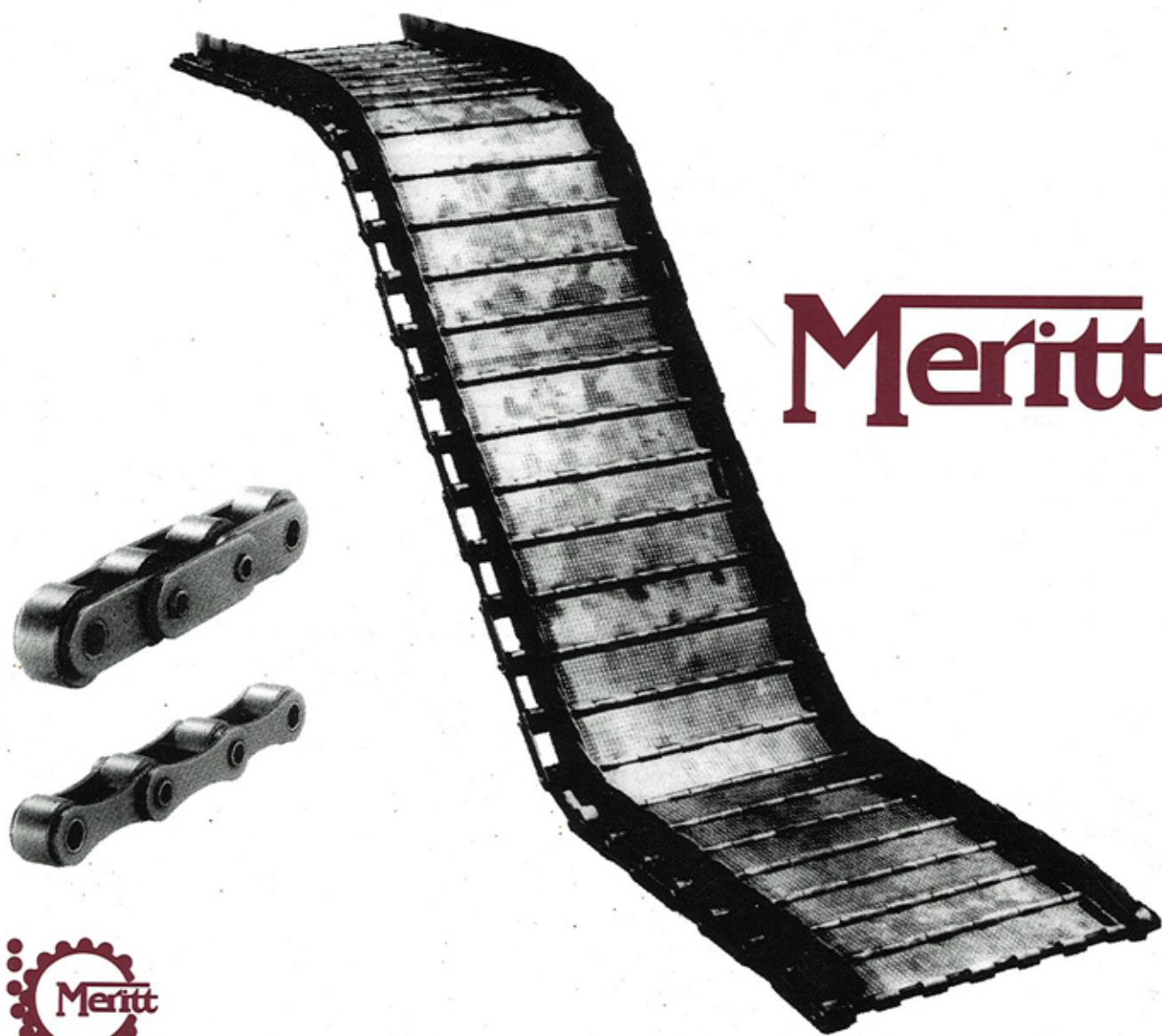


Hinged Steel Belts, Chip Conveyor Chains & Sprockets



Meritt



*Your Material
Handling Partner*





Hinged Steel Belts, Chip Conveyor Chains & Sprockets

MERITT TRANSMISSIONS

Established in 1987, Meritt Transmissions, has over the years, emerged as leading manufacturer and exporter of Conveyor Chains, Elevator Chains and Sprockets.

Meritt chains and sprockets are engineered for long, trouble-free service, and are available in extensive range of types and sizes, for convenient Material Handling.

Meritt Transmissions commitment to quality and delivery has led to tremendous success in domestic and international market. Meritt is exporting its products regularly to various countries in South East Asia, Australia, Africa, Europe, etc.

CHIP CONVEYOR CHAINS / SWarf CONVEYOR CHAINS / SCRAPER CONVEYOR CHAINS / MAGNETIC CONVEYOR CHAINS / HINGED STEEL BELT & SPROCKETS

Meritt Transmissions manufactures wide range of chains and sprockets for machine tool industry for the application of chip conveyors, swarf conveyors, scraper conveyors, etc.

Meritt is OEM supplier to world leading companies.

These chains are available in various designs like hollow pin type, loose parts, with attachments, etc. and in various pitches and roller diameter. Meritt chains and sprockets are well known for its cost effectiveness with strength.

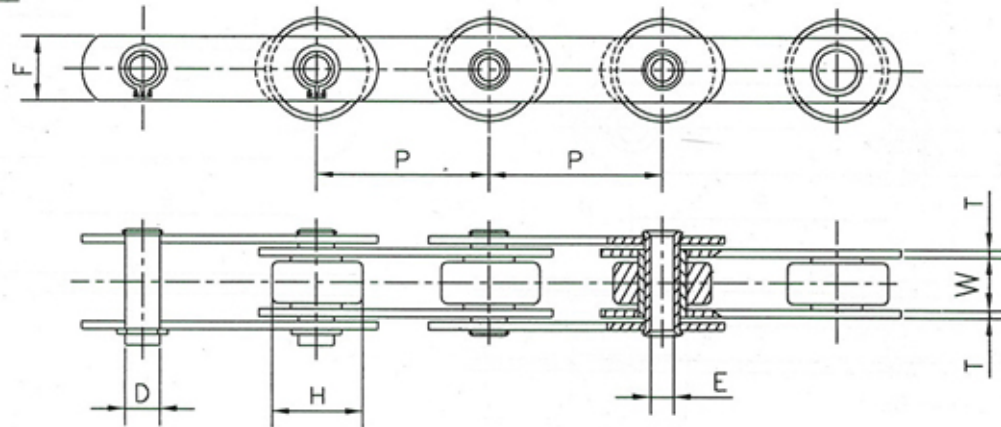
CONTENTS

PAGE No.

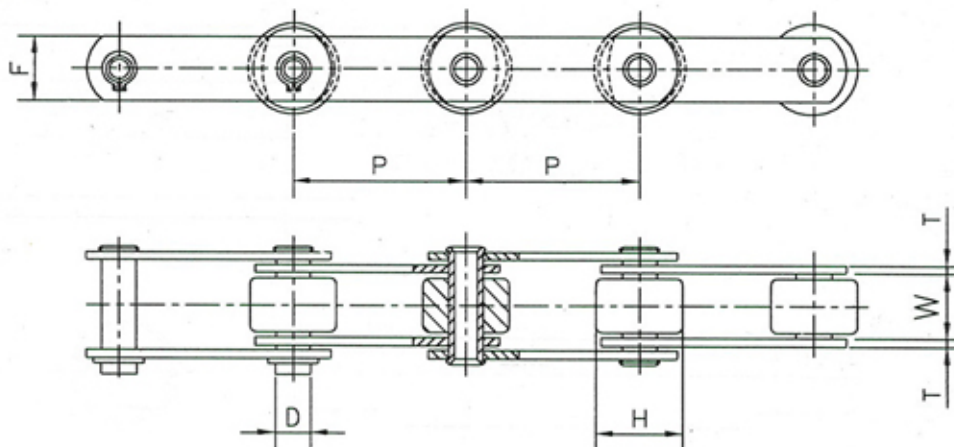
• Chip Conveyor Chain	3
• Chain in loose parts	4
• 38.1mm pitch hollow pin chain	5
• 63mm pitch hollow pin chain	6
• Sprockets	7
• Hinged Steel Belts	8-12
• 38.1mm pitch scraper chain	13
• 63.5mm pitch scraper chain	14
• Types of Attachments	15

CHAIN FOR CHIP CONVEYOR

TYPE 'A'



TYPE 'B'



Meritt Chain No.	Pitch	Type	Roller Dia	Inner Width	Pin Dia	Hollow Pin Bore	Link Width	Link Thk.	Break. Load kg
	P		H	W	D	E	F	T	
CC-35	35	A	20	16	13.35	10.2	25.4	2.5	2000
CC-38	38.1	B	22.2	12.7	11	8.3	18	2.5	1900
CC-40/1	40	A	22	15	9	6.1	18	2.5	1400
CC-50	50	A	31	15	13.35	10.2	25.4	3.0	2200
CC-63/1	63	A	40	22	12	8.3	30	4.0	5300
CC-63/2	63	A	40	18	14	10.2	28	4.0	4800
CC-63/3	63	B	40	15	16	12.1	28	4.0	4400
CC-100	100	A	45	22	18	12.1	35	5.0	6600
CC-150	150	B	60	32	24	18.3	45	5.0	11500

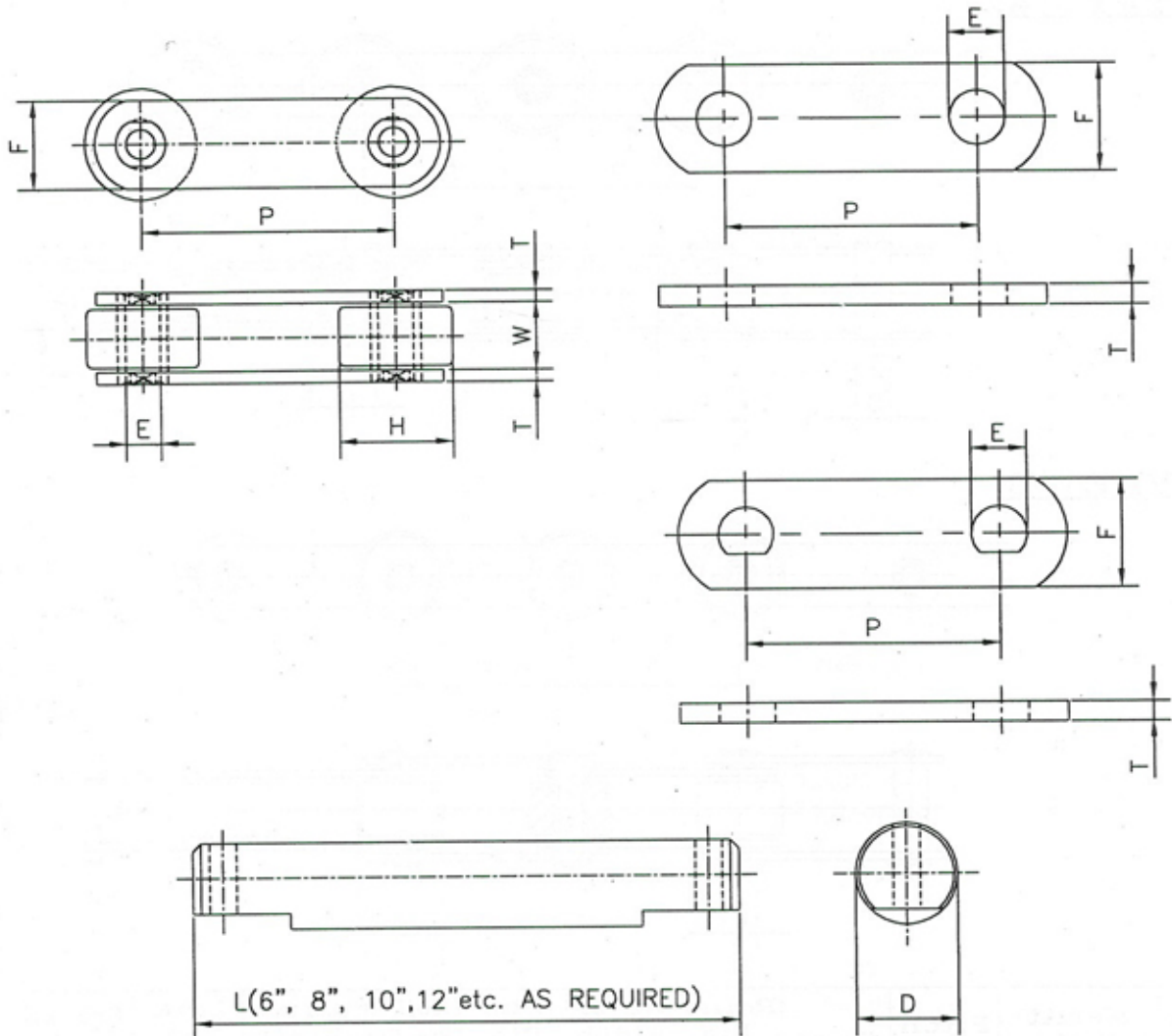


Manufacturer of Mechanical Power Transmission Equipments and Conveyor Chains

Meritt
T.R.A.N.S.M.I.S.S.I.O.N.S.

157/159, Narayan Dhuru Street,
Behind Nagdevi Street, Mumbai - 400 003, INDIA
Telephone - 344 4956 / 344 2857 / 342 8342
Fax - 91-22-341 4107 / 407 8268
E-mail : meritttransmissions@vsnl.net
Web Site - www.meritttransmissions.com

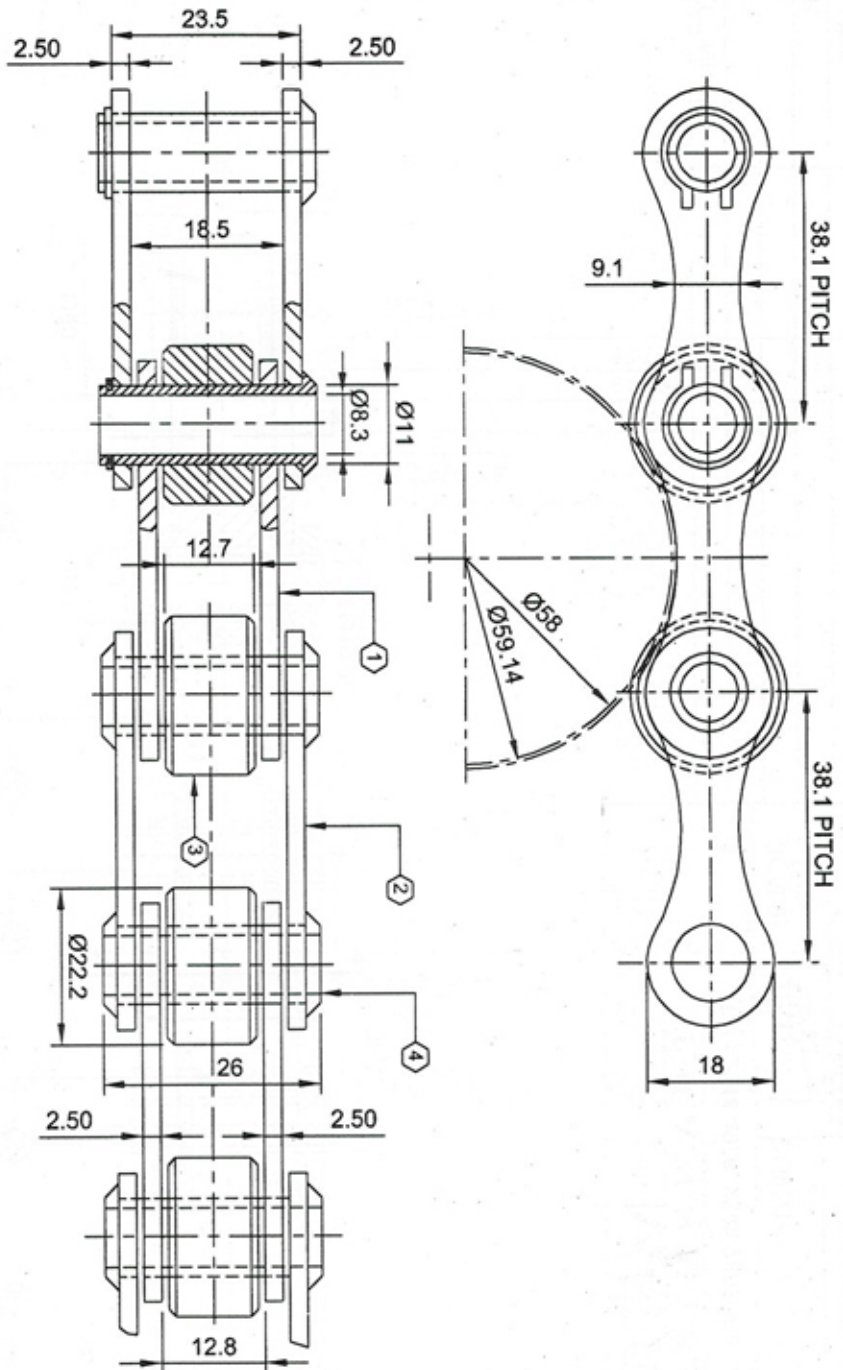
CHAIN IN LOOSE PARTS



Meritt Chain No.	Pitch	Roller Dia	Inner Width	Bush I.D.	Link Width	Link Thk.
	P	H	W	E	F	T
CL-15	1.50	25.0	12.5	8.2	20.0	2.5
CL-25	2.50	40.0	23.0	10.0	25.4	3.0
CL-40	4.00	50.8	31.0	14.5	38.0	5.0



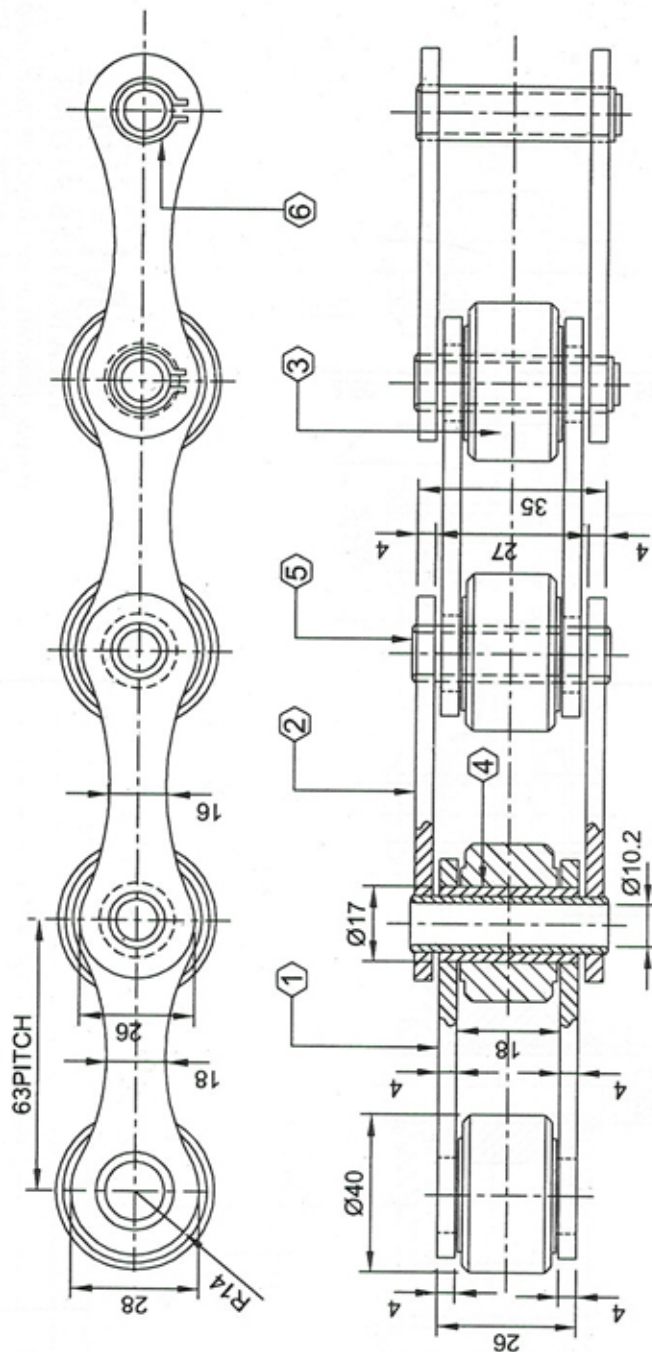
Manufacturer of Mechanical Power Transmission Equipments and Conveyor Chains
 157/159, Narayan Dhuru Street,
 Behind Nagdevi Street, Mumbai - 400 003, INDIA
 Telephone - 344 4956 / 344 2857 / 342 8342
 Fax - 91-22-341 4107 / 407 8268
 E-mail : meritttransmissions@vsnl.net
 Web Site - www.meritttransmissions.com



PART NO.	DESCRIPTION
1	INNER LINK
2	OUTER LINK
3	ROLLER
4	PIN

MATERIAL

Meritt T.R.A.N.S.M.I.S.S.I.O.N.S 157/159, NARAYAN DHURU STREET, MUMBAI - 400003, INDIA TEL.: 23444956, 23442857, 23428342 FAX: +91-22-23414107				TITLE : ASSY. OF 38.1MM PITCH HOLLOW PIN ROLLER CHAIN	
SCALE:					
N.T.S.					
DRN.	CD	26/06/03			
CHKD.					
APPD.					
DWG.NO.: MT-HPR-213				REV.NO.: 00	



Meritt

T.R.A.N.S.M.I.S.S.I.O.N.S

Tel.: 2344 4956, 2344 2857, Fax : +91-22 2341 4107

CLIENT:



SCALE:
NTS

TITLE: **63MM PITCH HOLLOW PIN CHAIN**

17/10/03

CD

DRN

CHKD

APPD

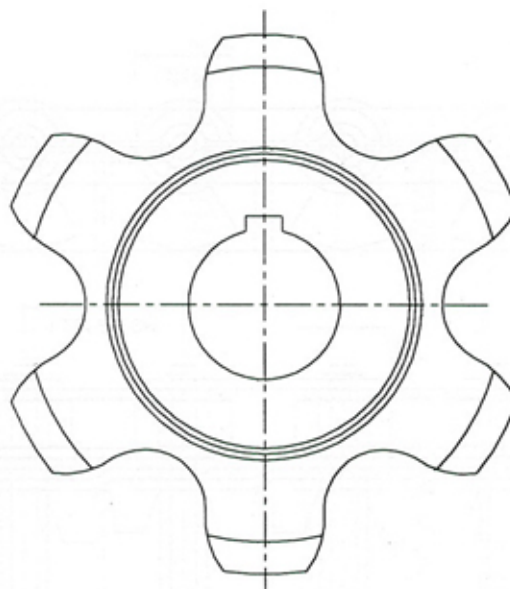
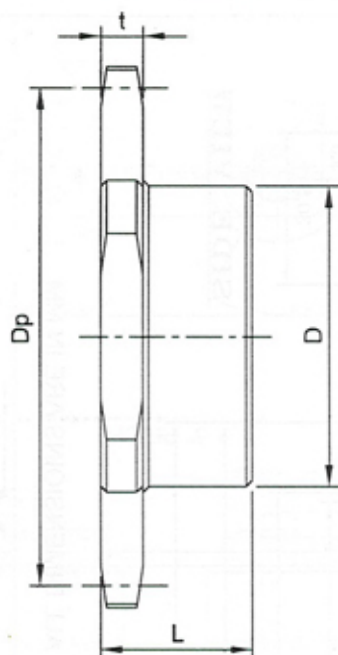
MATERIAL

PART NO. DESCRIPTION

REV.NO.: 00

DRG.NO.: MT-HPR-225

6	CONNECTING PIN
5	PIN
4	BUSH
3	ROLLER
2	OUTER LINK
1	INNER LINK



NO.OF TEETH	P.C.D. (Dp)	TEETH THICKNESS (t)	BOSS DIA. (D)	TOTAL LENGTH (L)
<u>1.25" PITCH, ROLLER Ø 19, I.W. - 10</u>				
8	82.97	8.4	55	30
9	92.83	8.4	70	30
10	102.75	8.4	80	30
<u>1.5" PITCH, ROLLER Ø 22, I.W. - 12</u>				
6	76.20	10.5	45	35
8	99.56	10.5	60	35
10	123.29	10.5	95	35
12	147.21	10.5	120	35
<u>2.5" PITCH, ROLLER Ø 39.7, I.W. - 20</u>				
6	127	17	70	45
8	165.93	17	120	45
10	205.49	17	160	50
<u>4" PITCH, ROLLER Ø 44.45, I.W. - 27</u>				
6	203.2	23	105	65
8	265.49	23	125	65
9	297.06	23	125	65
<u>6" PITCH, ROLLER Ø75, I.W. - 25.5</u>				
8	398.24	22	150	75
9	445.59	22	160	75
10	493.18	22	160	75

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SCALE:
NTS



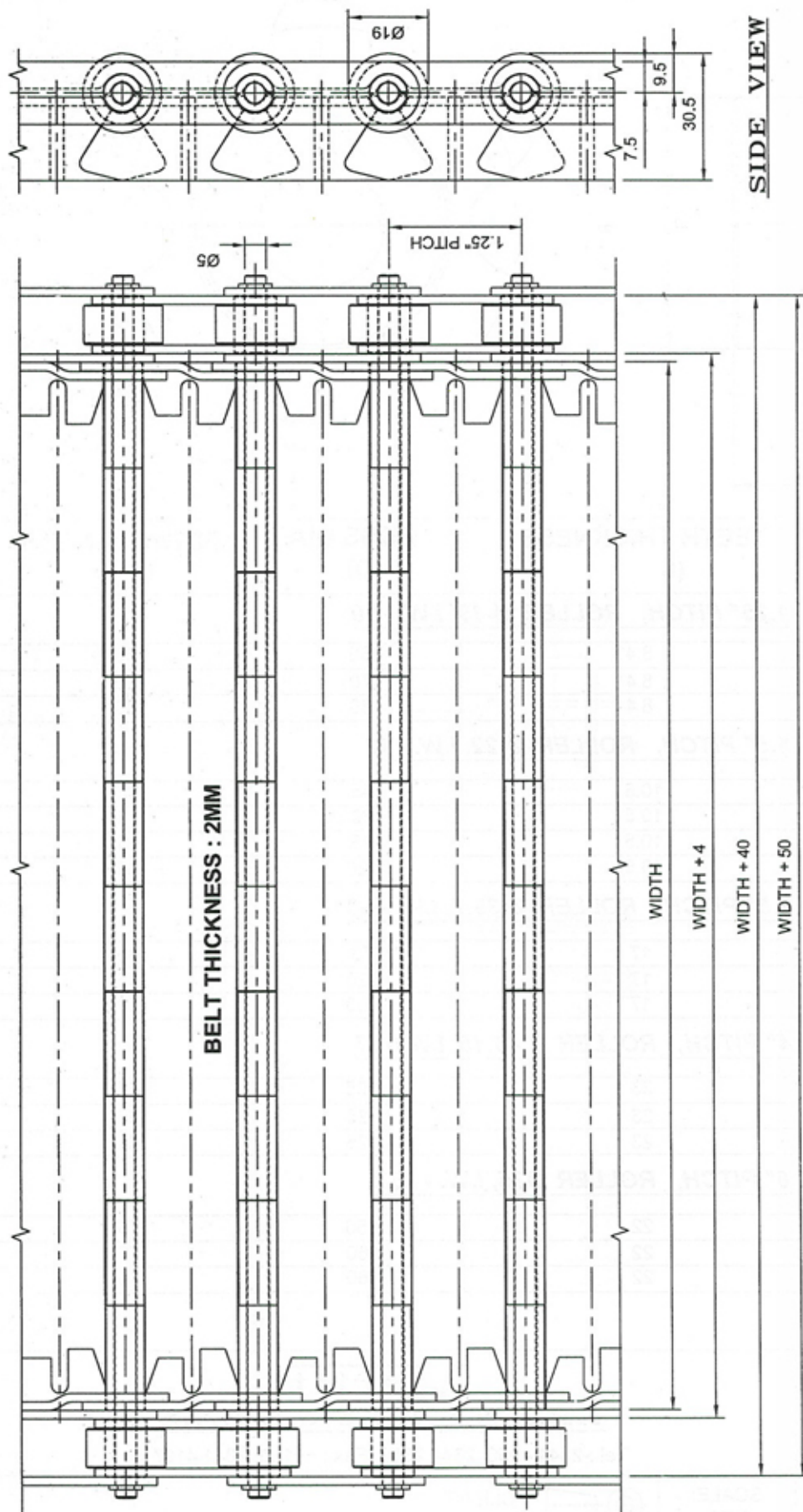
CLIENT:

DRN	CD	14/11/03
CHKD		
APPD		

TITLE: **SPROCKET FOR
HINGE BELT CHAIN**

DRG.NO.: MT-SP-HB-226

REV.NO.: 00



SIDE VIEW

ELEVATION

NOTE: ALL DIMENSIONS ARE IN MM

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 Tel : + 91-22-2344 4956, Fax : + 91-22-2341 4107

SCALE: 1:1



CLIENT:

TITLE:

1.25" PITCH HINGED STEEL BELT

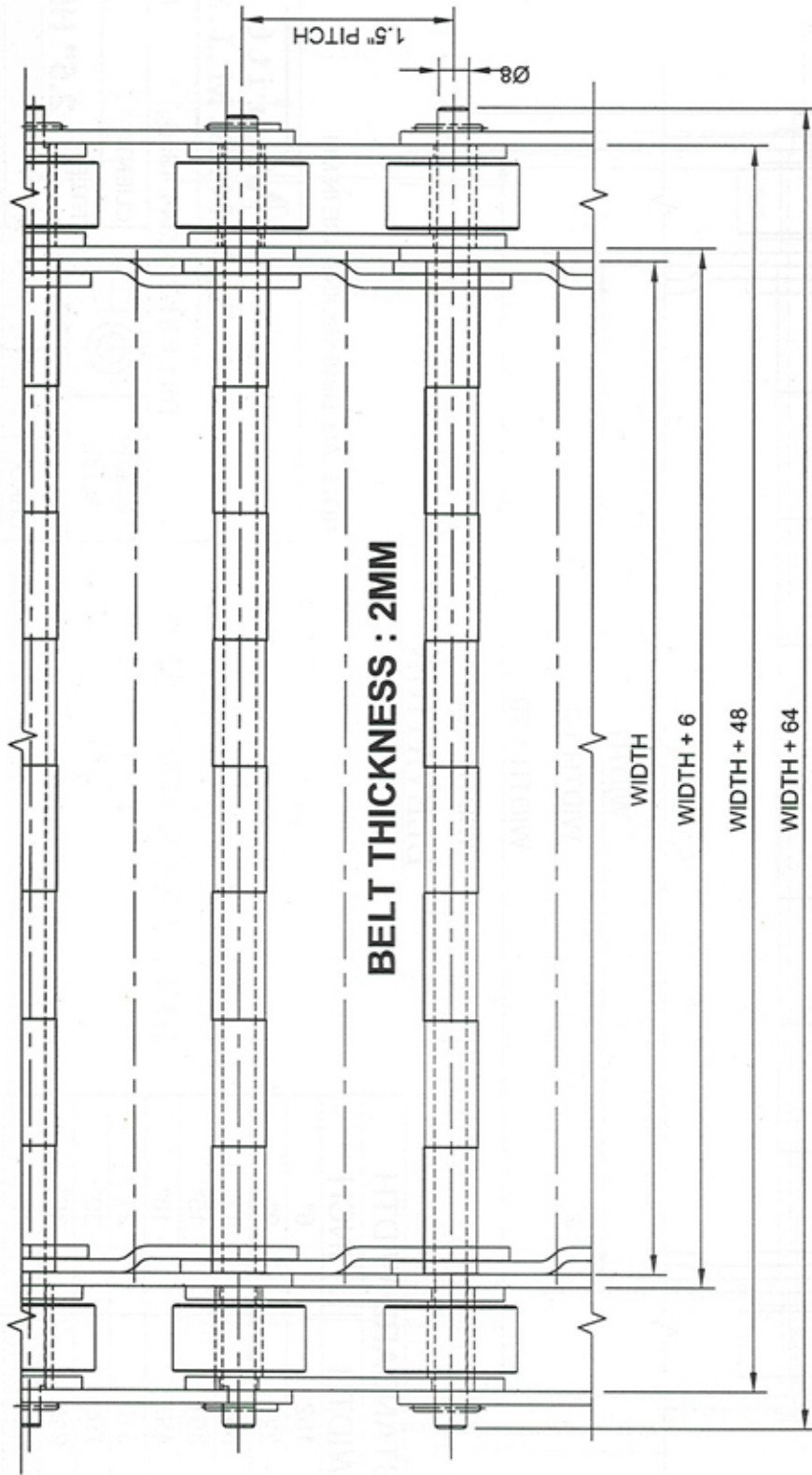
DRN CD 04-09-03

CHKD

APPD

DWG NO.: MT - HB - 224

WIDTH
150
200
250
300
350
400
450
500



BELT THICKNESS : 2MM

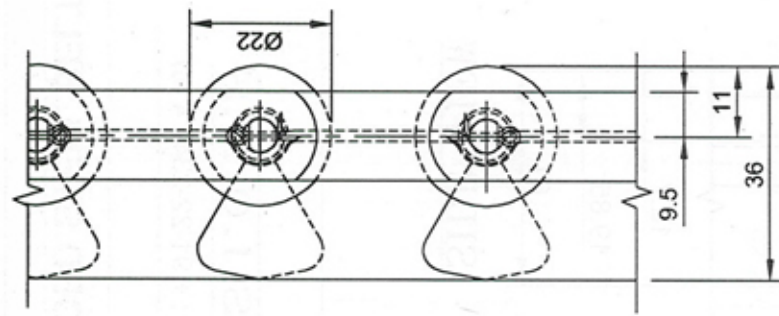
WIDTH

WIDTH + 6

WIDTH + 48

WIDTH + 64

ELEVATION



SIDE VIEW

NOTE: ALL DIMENSIONS ARE IN MM

STANDARD WIDTH	
WIDTH	INCH
152	6"
229	9"
305	12'
381	15"
457	18"
610	24"
762	30"
915	36"
1067	42"
1219	48'

Meritt

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Tel : + 91-22-2344 4956, Fax : + 91-22-2341 4107

SCALE:
N.T.S.

CLIENT:

TITLE:

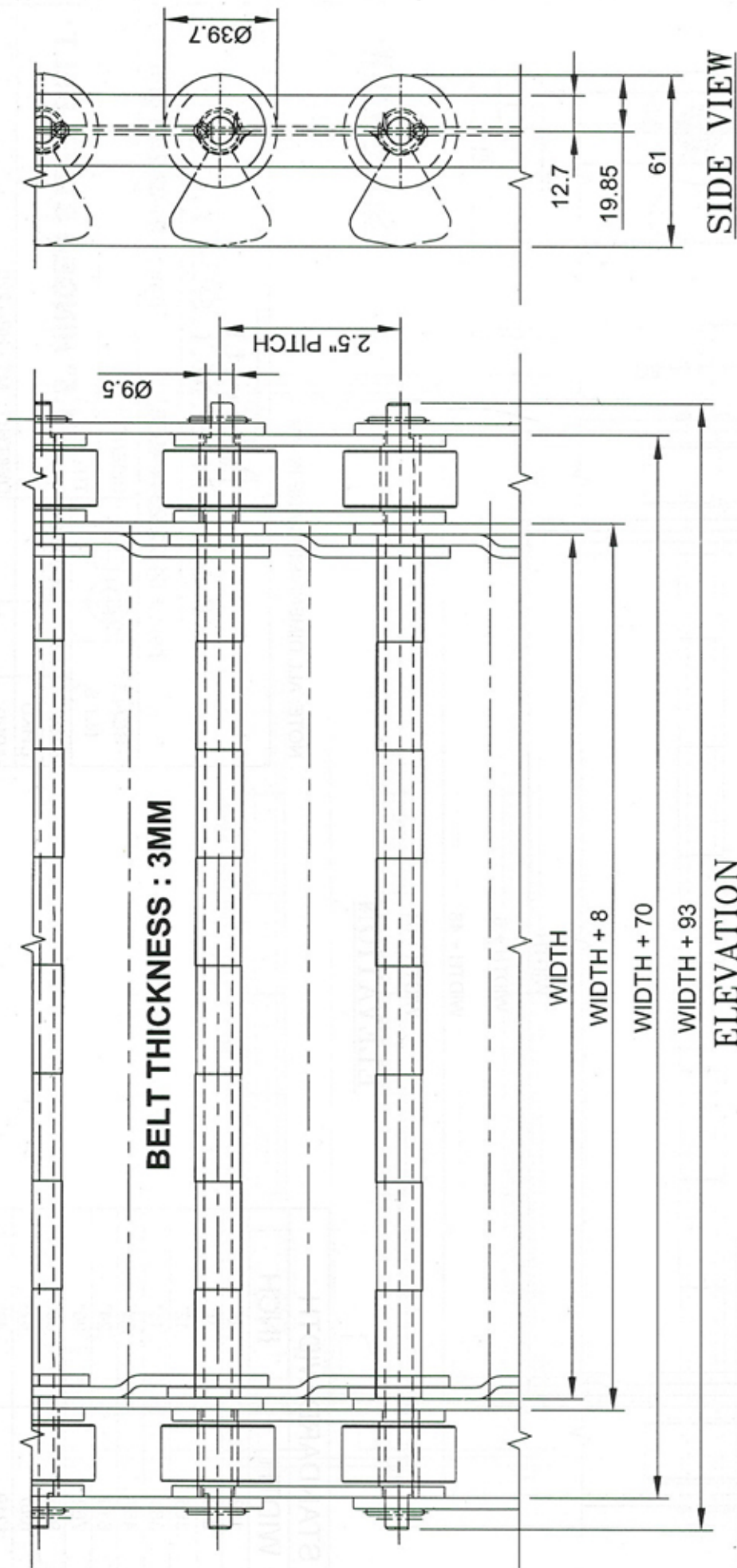
1.5" HINGED STEEL BELT

DRN CD 24-09-03

CHKD

APPD

DWG.NO.: MT - HB - 220



NOTE: ALL DIMENSIONS ARE IN MM

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SCALE:
N.T.S.

CLIENT:

TITLE:

DRN CD 24-09-03

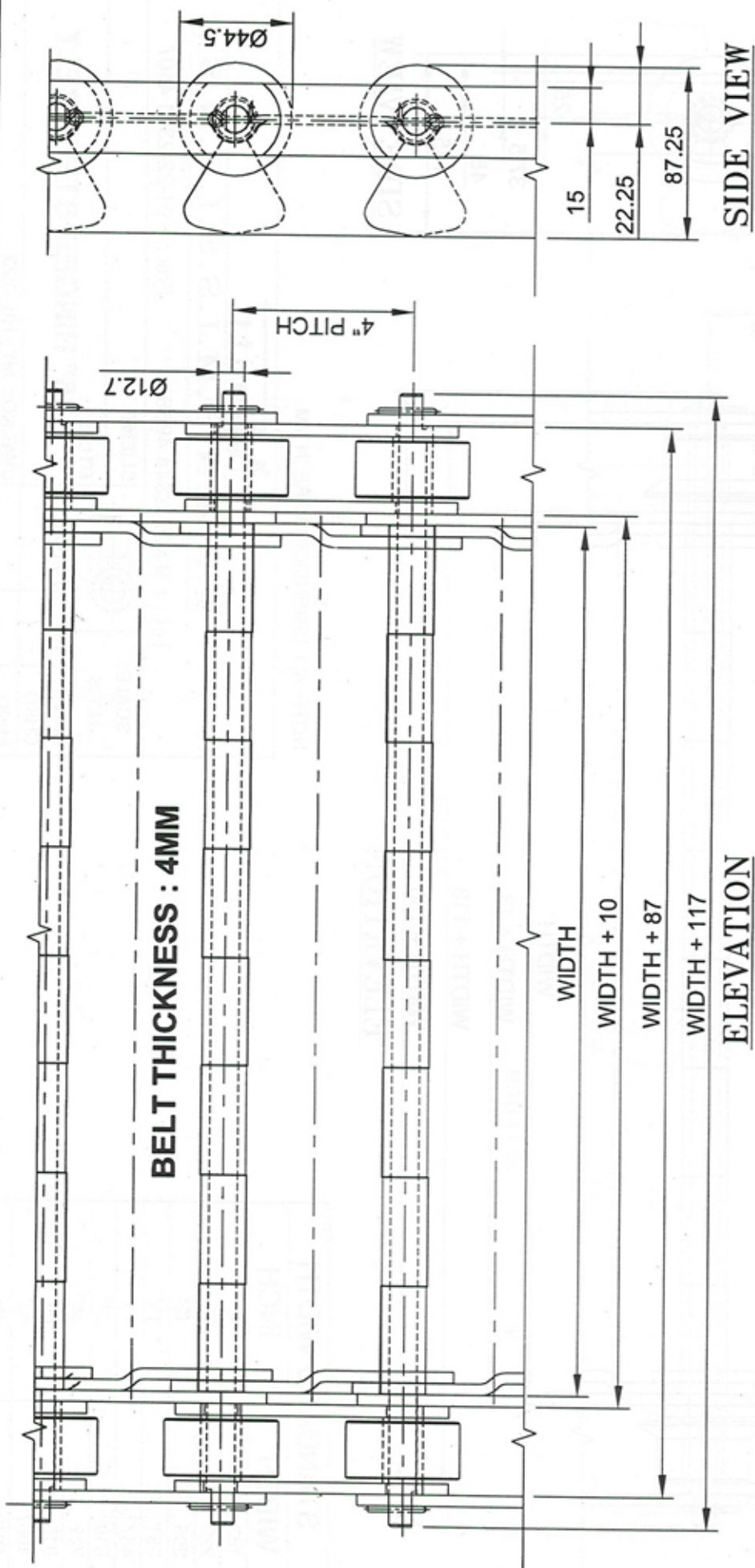
CHKD

APPD

2.5" HINGED STEEL BELT

DWG.NO.: MT-HB - 221

STANDARD WIDTH	
WIDTH	INCH
152	6"
229	9"
305	12"
381	15"
457	18"
610	24"
762	30"
915	36"
1067	42"
1219	48"



NOTE: ALL DIMENSIONS ARE IN MM

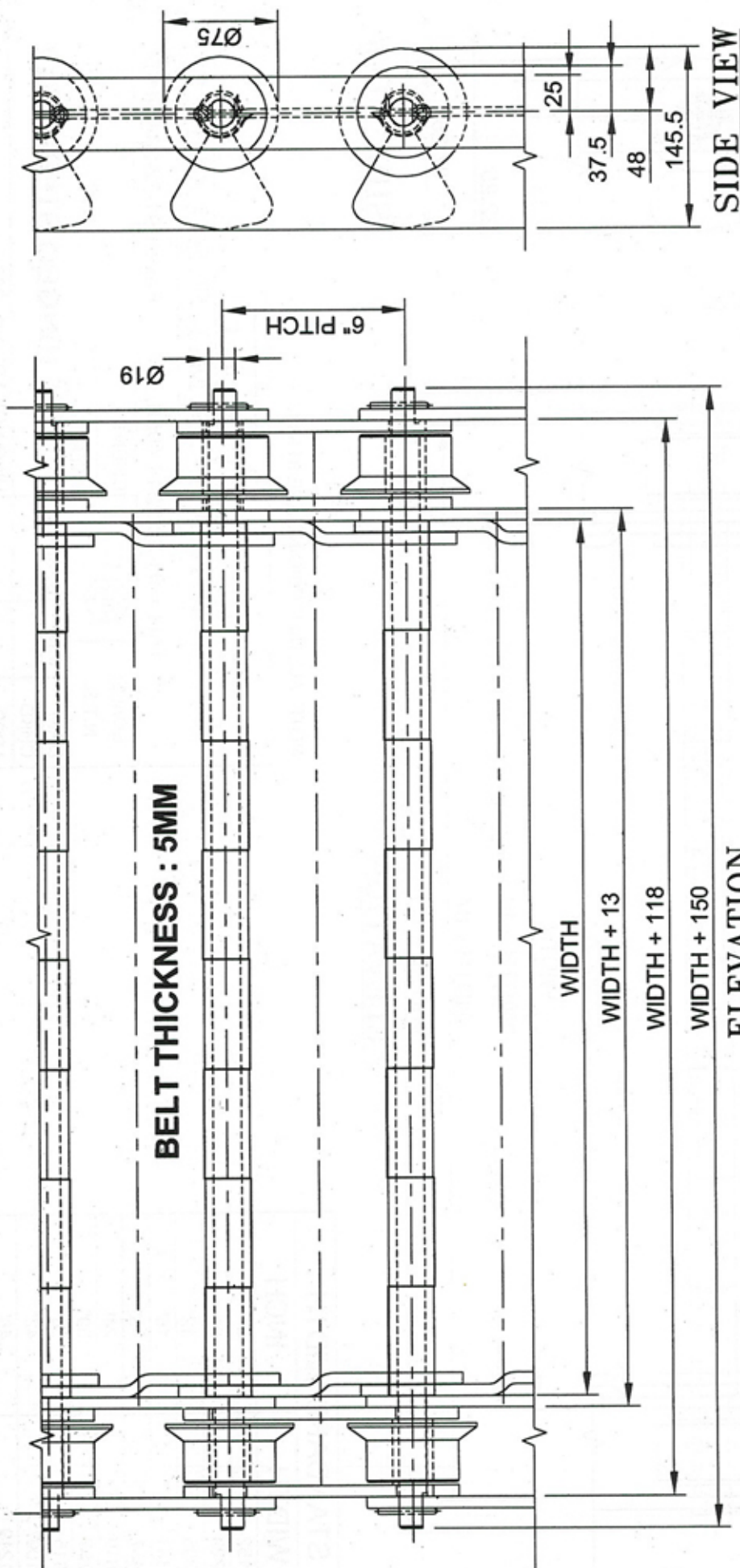
Meritt
T.R.A.N.S.M.I.S.S.I.O.N.S

Tel : + 91-22-2344 4956, Fax : + 91-22-2341 4107

SCALE: N.T.S.	CLIENT:	
	TITLE:	
DRN	CD	24-09-03
CHKD		
APPD		
DWG.NO.: MT - HB - 222		

4" HINGED STEEL BELT

STANDARD WIDTH	
WIDTH	INCH
152	6"
229	9"
305	12"
381	15"
457	18"
610	24"
762	30"
915	36"
1067	42"
1219	48"



NOTE: ALL DIMENSIONS ARE IN MM

STANDARD WIDTH	
WIDTH	INCH
152	6"
229	9"
305	12"
381	15"
457	18"
610	24"
762	30"
915	36"
1067	42"
1219	48"

Meritt

T.R.A.N.S.M.I.S.S.I.O.N.S

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SCALE:
N.T.S.



CLIENT:

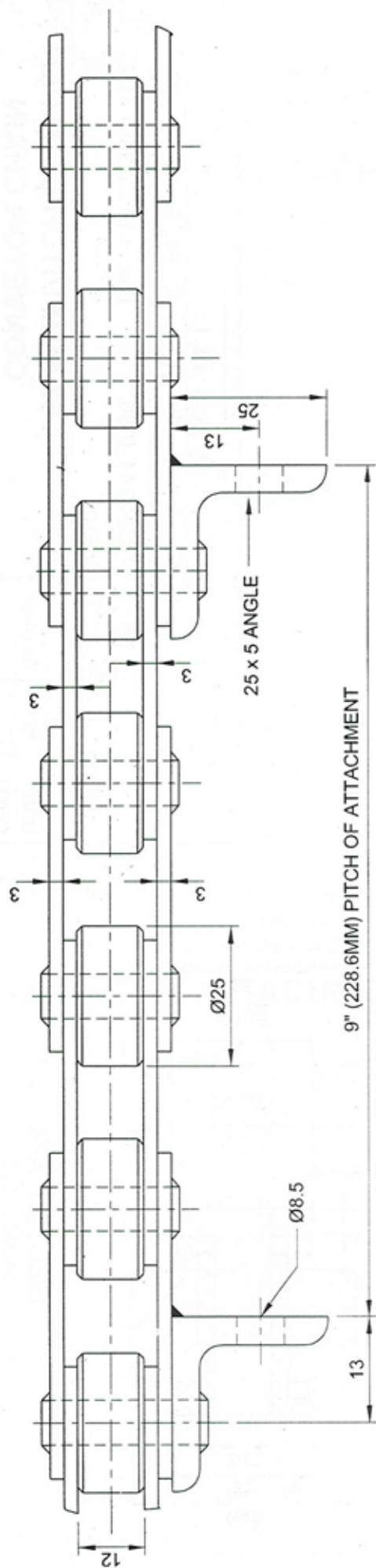
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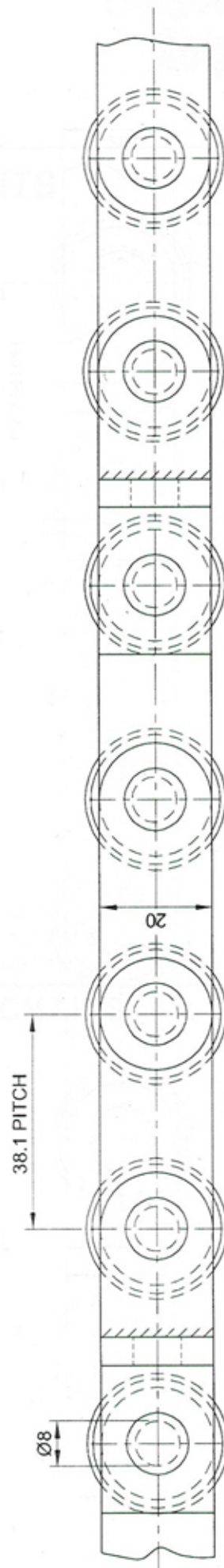
6" HINGED STEEL BELT

CHKD
APPD

DWG.NO.: MT - HB - 223



PLAN



ELEVATION

Meritt

T.R.A.N.S.M.I.S.S.I.O.N.S

Tel : + 91-22-2344 4956, Fax : + 91-22-2341 4107

CLIENT:

TITLE:

**38.1MM PITCH SCRAPER
CONVEYOR CHAIN**

SCALE:
1 : 1

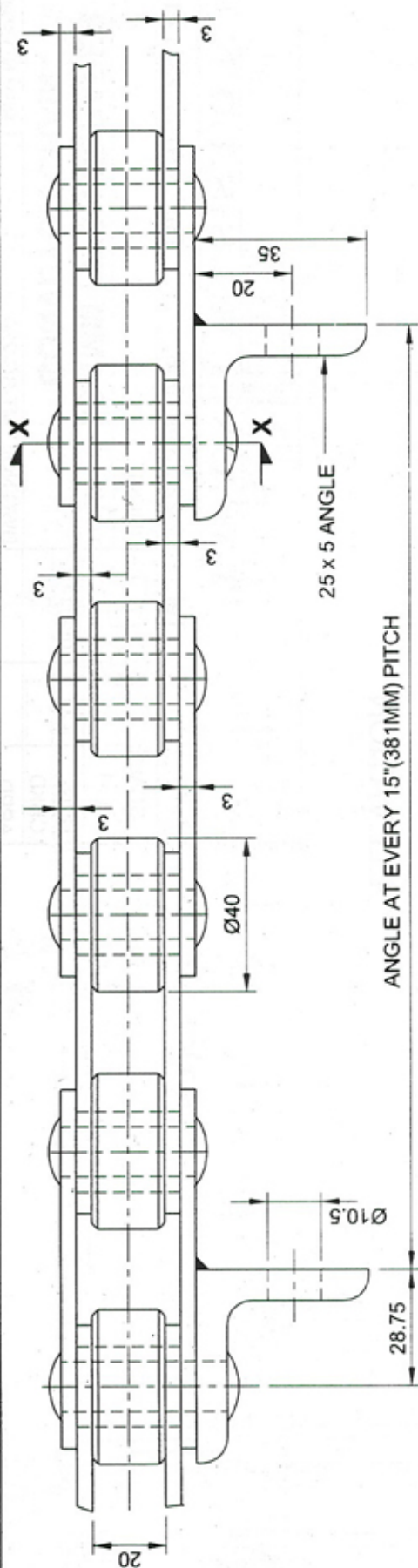
DRN CD 08-01-04

CHKD

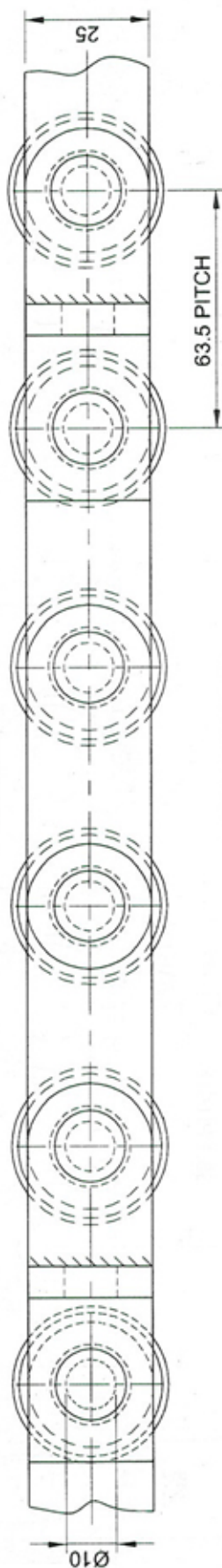
APPD

DWG.NO.: MT-SC-230

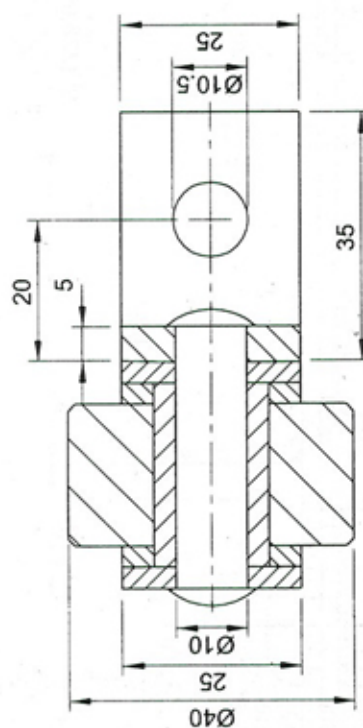
REV.NO.: 00



PLAN



ELEVATION



SEC. AT X-X
SCALE:- 1:1

Meritt

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Tel : + 91-22-2344 4956, Fax : + 91-22-2341 4107

SCALE:	CLIENT:		
N.T.S.			
DRN	CD	08-01-04	
CHKD			
APPD			

63.5MM PITCH SCRAPER
CONVEYOR CHAIN

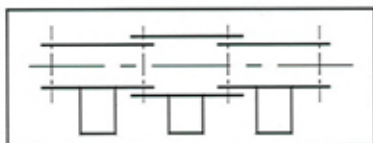
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REV.NO.: 00

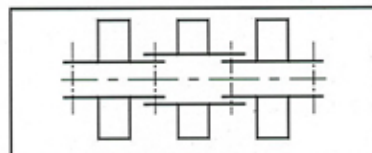


Hinged Steel Belts, Chip Conveyor Chains & Sprockets

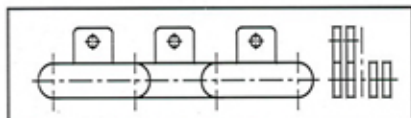
TYPES OF ATTACHMENTS



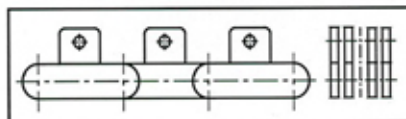
A - Bent attachment on one side



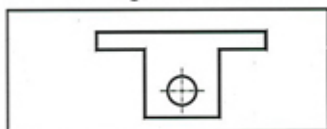
K - Bent attachment on both side



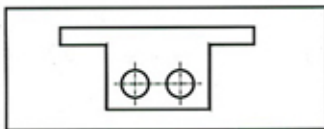
M - Straight attachment on one side



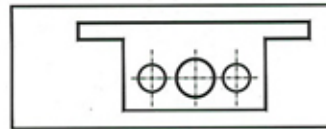
MK - Straight attachment on both side



Attachment with 1 hole

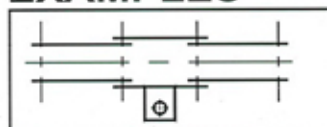


Attachment with 2 holes

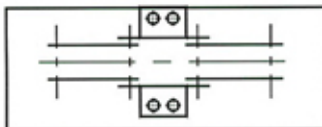


Attachment with 3 holes

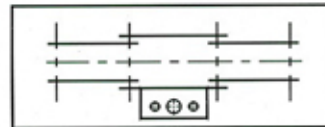
EXAMPLES



A1 - Bent attachment on one sides with 1 hole



K2 - Bent attachment on both sides with 2 holes

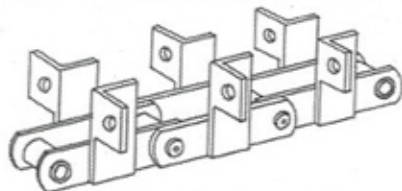


A3 - Bent attachment on one side with 3 holes

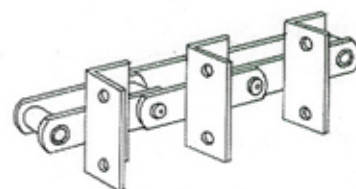
Note :

- 1) Attachment can be at every pitches, every 2nd pitches, every 3rd pitches etc., as required. Please specify this at the time of enquiry/order.
- 2) Unless, otherwise specified, the attachments are on outer link and starts from outer link.

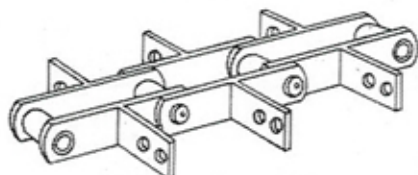
SPECIAL ATTACHMENTS CHAINS



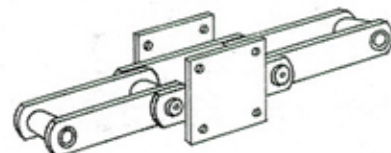
F-1 Attachment



F-2 Attachment



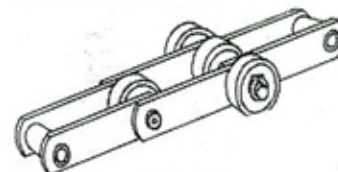
L Attachment



G-20 Attachment



Extended Pin Chain



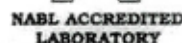
Outboard Roller

In accordance with the quality policy of Meritt Transmissions to constantly improve its product's specifications in the catalogue are subject to change without prior notice.



Managing Director :
VIRENDRA K. BAFNA
B.E.M. Eng. (Canada)
M.S.I.M. (U.S.A.) M. A. S. T. M.

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23092347, 23091938
Fax : 91-22-23080197



Page 1 of 1

T. C. No.: A5410

Date : 15-Jul-2003

Issued To: MERITT TRANSMISSIONS
157/159, NARAYAN DHURU STREET,
BEHIND NAGADEVI STREET,
MUMBAI 400003

Party's Reference: LETTER DT.11.7.2003

Nature Of Sample : CHAIN . HOLLOW PIN TYPE.

Specification :

Test Method: A 370

Sample Drawn / Stamped / Sealed By : PARTY

Deviations If Any : NIL.

Test Equipment / Range : UTM EU 40/0-100KN

Test: BREAKING LOAD

Condition Of Sample : ASSEMBLY SAMPLI

Sample Received On : 12-JUL-2003

Date Of Completion Of Test : 15-JUL-2003

Enclosure : Nil

	Results	Requirement
Chain pitch	38.1mm	
Link thk.	2.5mm	
Roller Dia.-	22.2 mm.	
BREAKING LOAD TEST (ASSEMBLY)		
Maximum Breaking load (kg)	2548	
Frature	In Link.	

Checked By 


 Authorised Signatory
VINOD K. BAFNA (M. D.)

Distributed by

Meritt
T.R.A.N.S.M.I.S.S.I.O.N.S.

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