



Global Conveyor Supplies

GLOBAL CONVEYOR SUPPLIES COMPANY LIMITED

ADD: HONGWEI VILLAGE, XINXU TOWN, HUIYANG AREA,
HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

TEL: (0752)3598308

FAX: (0752)3598329

POST CODE: 516225

E-MAIL: gcs@gcsconveyor.com

HTTP://www.gcsconveyor.com

ADD: 114A, JALAN 2-D KG BARU SUBANG, SHAH
ALAM, SELANGOR D.E., 40150 MALAYSIA.

TEL: 603-78461434

FAX: 603-78465087

E-MAIL: enweng@enwengineering.com

Contact Person's: Albert Soon (6012-2276326)

Alfred Soon (6012-2875425)

Soon Aik King (6012-2766560)

William Soon (6012-2272668)



ISO9001
Certified company



GLOBAL CONVEYOR SUPPLIES COMPANY LIMITED



Table of Contents

1) Roller 3D Drawing	2
2) Company Introduction	3-4
3) Introduction of Roller Features	5-6
4) Roller Selection	7
5) Idler Selection	8
6) Introduction of Product Manufacture	9
7) Our Idlers' range	10
8) Trough Eccentric Idler	11-12
9) Trough Idler	13-16
10) Flat Return Idler	17-19
11) Rubber Disc Return Idler	20-21
12) V Return Idler	22-25
13) Rubber Disc Vee Return Idler	26-27
14) Flat Impact Idler	28
15) Expandable and Adjustable Idlers	29
16) Self-Aligning Idlers	30
17) Suspended Idlers	31-32
18) Belt Cleaning Idlers	33
19) Drive Pulley /Belt Cleaner	34



Innovation and Solutions in engineering for cost efficient and reliable components

Introduction

Global Conveyor Supplies Co, Ltd (GCS) occupies an area of 215000 square feet .Its registered trademark is GCS. GCS mainly produces conveyor equipments, various types of heavy and light duty conveyor rollers, frames and accessories, etc. As GCS grows, it has adopted and gathered professional knowledge with enriched experience of many fields to develop new technology to supply our customers with the most competitively high quality products.

Supported by a professional technical team, advanced equipments, customized production capabilities to accommodate the individual needs of customers from different areas and driven by the concept of Customer First, GCS products are sold globally and are widely used in thermal power generation, mine, harbour, metallurgy, cement plants, food and other fields, etc.

Since the establishment of GCS, we always insist for scientific outlook on development, relying on technology innovations to reach sustainable development. We aim to prolong the life span of GCS products and decrease energy consumption to save operation costs for the customer. The GCS team of dedicated staff will strive to make GCS a world famous brand to serve the high end markets.

The company has developed tremendously with sales office in Malaysia.



GCS(M) Profile:

GCS was established in Malaysia in 2010. It occupies a land area of 215000 square feet. GCS mainly deals with the belt conveyor equipment and parts, roller, frame and pulley.

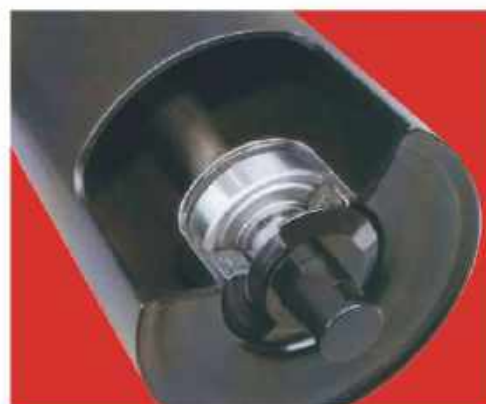


Characteristics of Roller and Body

To accommodate the demands of different working environment, the company has created a body-sealed structure that can be used under different conditions for customers to choose the most suitable version for their own particular applications.

Main features:

1. Solid design, most suitable for heavy loadings.
2. The bearing housing and steel tube are assembled and welded with automated welding machine.
3. Cutting of the steel tube and bearing is performed digitally.
4. The bearing and roller shaft are firmly connected.
5. Fabrication of the roller is tested by an auto device to ensure concentricity.
6. Roller and supporting components/materials are conformed to DIN/AFNOR/FEM/ASTM/CEMA standards.
7. The roller is lubricated and maintenance free.
8. Life span is up to 30,000 work hours or more, depending on correct usage.
9. Sealing structure: inner-seal, 3 slot labyrinth seal, V shape rubber ring and eccentrically auto cleaning body to ensure water resistant and dust proof abilities.

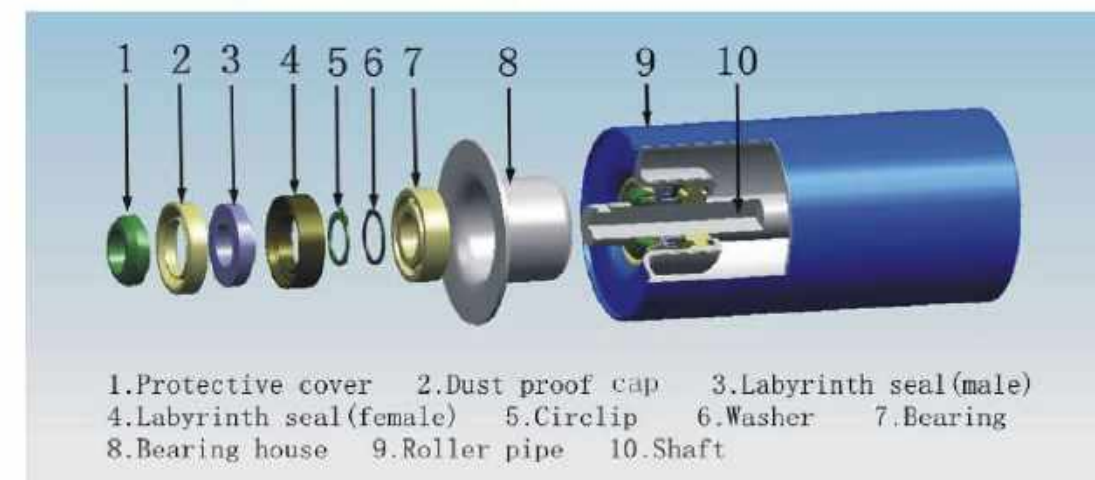


GCS roller inner structure diagram

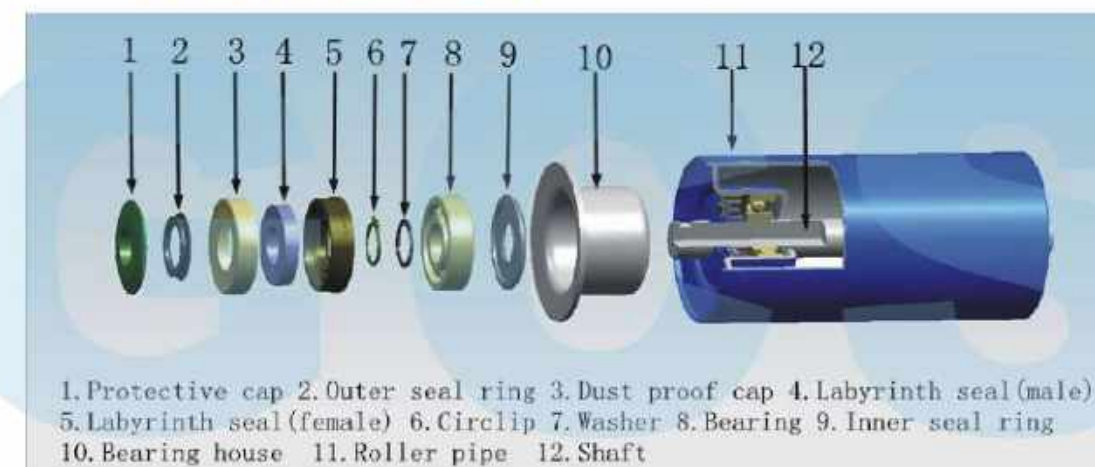
Raw material and specifications

Axle (shaft)	cold-draw steel ST ST37DIN17100, E24 AFNOR NFA 35501.
Rod	2 0.2 25.2 30.2 40.2 ISO h11 accuracy fine polished to 20, 25, 30, 40 levels on the universal sealed bearing packaging area. The precision conforms to ISO h6.
Steel roll	welded with DIN2394 standard, components are ST37 conforms to DIN17100 standard.
Bearing housing	press fit ISO M7 accuracy, deep draw steel with raw material conforms to DIN1623-1624 standard.
Inner seal circle	lip-lining sealed, component is made of NYLON6 (ISO Pa6).
Bearing	trough type, deep groove ball bearing (Wind age level C3) DIN 6263 series.
Labyrinth seal circle	3 troughs, component is made of NYLON6 (ISO Pa6).
Housing/cover	deep draw steel conforms to DIN1623-1624 standard.
Outer seal circle	sliding rubber ring with V shape components of nitrosation rubbers which are long lasting and wear resistant.
Function of protecting cover	used to protect the roller from vibration, made of copper alloy which is anti-corrosive.
Lubricating oil	the roller bearing is lubricated continuously by applying 2,3 grade long-lasting lithium grease.

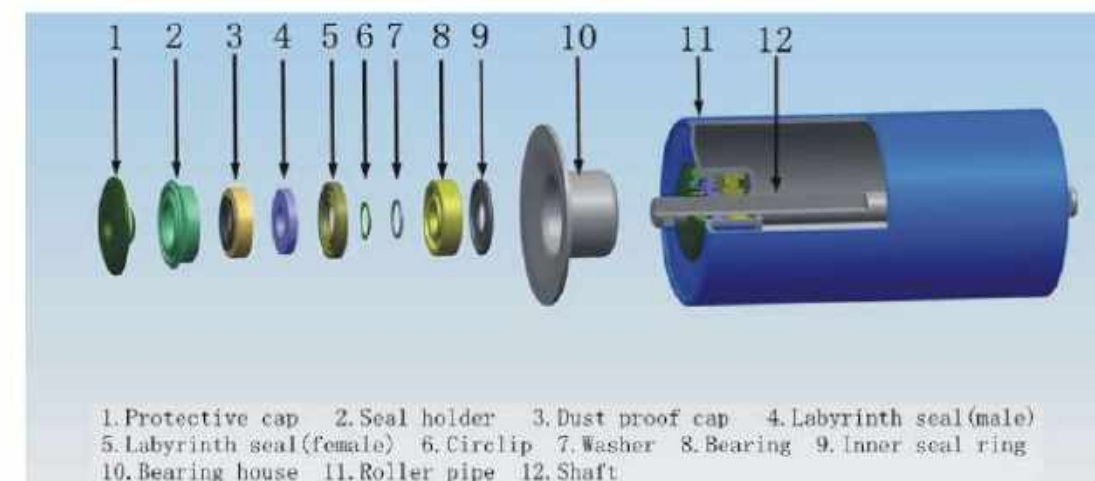
LS Seal Structure Roller:



RS Seal Structure Roller:



HRS Seal Structure Roller:



Roller Selection:

GCS have developed a variety of rollers with different kinds of seal structure, LS, RS, HRS which could accommodate different environments.

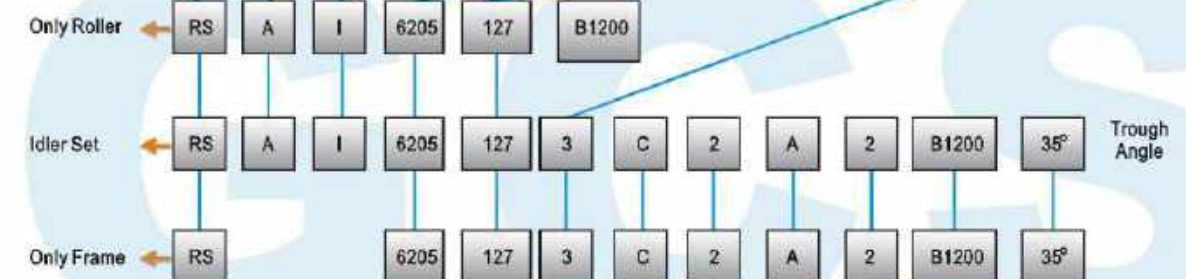
Series	Bearing Type	Roller Dia (mm)	Belt Width (mm)	Bearing Dynamic Loads (N)	CEMA Ratings
LS	6204	89	350-800	13,500	Light Duty Exceeds all CEMA "B"
		102	350-1200	13,500	
		114	500-1200	13,500	
	6205	102	350-1200	14,800	
		114	500-1200	14,800	
		127	500-1200	14,800	
		139	500-1600	14,800	
RS/HRS	6204	89	350-800	13,500	Medium Duty Exceeds all CEMA "C"
		102	350-1200	13,500	
		114	500-1200	13,500	
	6205	102	350-1200	14,800	
		114	500-1200	14,800	
		127	500-1200	14,800	
		139	500-1600	14,800	
	6305	114	500-1200	23,400	Heavy Duty Exceeds all CEMA D
		127	500-1200	23,400	
		152	750-1800	23,400	
	6306	127	500-1600	29,600	
		152	750-1800	29,600	
		178	1000-2200	29,600	
	6307	152	1200-2200	35,100	
		178	1200-2200	35,100	
	6308	152	1200-2200	42,300	
		178	1200-2200	42,300	
	6309	152	1600-3000	55,300	Super Heavy Duty Exceeds all CEMA "E" and "F"
		178	1600-3000	55,300	
		193	1600-3000	55,300	
	6310	152	1600-3000	65,000	
		178	1600-3000	65,000	
		193	1600-3000	65,000	
	6311	152	1600-3000	74,100	
		178	1600-3000	74,100	
	6311	178	1600-3000	74,100	
		193	1600-3000	74,100	

NOTE: Series are available with Aluminum Shells.

GCS Identification System

GCS Identification Reference Number

Series	Description	Bearing Type	Bearing Size	Tube Dia	Roll
LS/RS	A General Roller	1 Single Row Deep Groove Ball Bearing ZZ	6204	89	1 One
	B FRAS Impact Roller		6205	102	
RS/HRS	C Weigh Roller	2 Single Row Deep Groove Ball Bearing 2RS	6305	114	2 Two
	D Aluminum Roller		6206	127	
	E NR Impact Roller	3 One Way Anti-Reversal Bearing	6306	139	3 Three
	F Antimagnetic Roller		6307	152	
	G NR Comb Roller		6308	165	4 Four
	H PE Comb Roller		6309	178	
	I Spiral Roller		6310	194	5 Five
	J Coating Roller		6311		6 Six



Frame Parts	Frame Type	Frame Description	Mounting Hole Centers
A 50X5 Angle Iron	1 Offset Frame	A Trough	2 Belt+250mm
B 63X5		B Trough Impact	3 Belt+300mm
C 75X6	2 Inline Frame	C Aligning	5 Belt+400mm
D 90X7		D Retractable	
E 100X8	3 Standard Frame	E 38mm Return Bracket	
F 125X8		F 102mm Return Bracket	
G 140X12		G 178mm Return Bracket	
H 76X38 Channel	0 Bracket	H Flat Carry	
I 102X51		I Weigh	
J 130X55		J Flat Return	
K Bracket		K V Return	

Dynamic Balance Test



Aluminum Roller



GCS Idlers

Our products include: trough idler, suspended idler, impact idler, retractable impact idler, suspended impact idler, friction training idler, weigh idler, flat return idler, flat carry idler, comb idler, etc.



Quality Control



ROLLER ROTATION RESISTANT TESTING MACHINE



WATER-RESISTANT ROLLER TESTING MACHINE



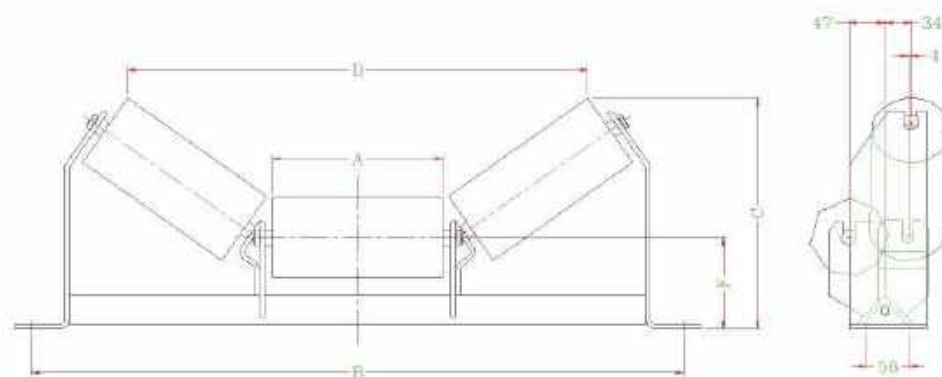
DUST-PROOF ROLLER TESTING MACHINE



ROLLER SHAFT ANGLE LOADING TESTING MACHINE



ROLLER DROP-TEST TESTING MACHINE



SERIES LS/RS 3 ROLL TROUGH IDLERS-OFFSET
102 DIAMETER

Code No.	A	B	20°		30°		35°		45°		E	F	Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D						
XX-A1-3-A1A2-0350-YY	134	600	220	429	239	392	248	389	269	338	56	171	50	27	5.3	13.6
XX-A1-3-A1A2-0400-YY	152	650	226	477	248	443	256	418	281	380	56	171	50	27	5.7	14.4
XX-A1-3-A1A2-0450-YY	170	700	232	531	257	490	266	468	294	424	56	171	50	27	6.1	15.3
XX-A1-3-A1A2-0500-YY	187	750	238	577	266	537	275	515	307	462	56	171	50	27	6.4	16.3
XX-A1-3-A1A2-0600-YY	222	850	251	681	283	632	298	604	331	546	56	171	50	27	7.2	18.1
XX-A1-3-A1A2-0650-YY	242	900	259	741	295	691	311	657	345	602	56	171	50	27	7.7	19.1
XX-A1-3-B1A2-0750-YY	276	1000	271	837	309	781	327	750	369	678	56	171	63	27	8.4	21.9
XX-A1-3-B1A2-0800-YY	292	1050	274	883	320	821	339	789	380	718	56	171	63	27	8.8	22.9
XX-A1-3-B1A2-0900-YY	329	1150	286	989	338	926	363	884	406	808	56	171	63	27	9.6	24.9
XX-A1-3-C1A2-1000-YY	356	1250	297	1067	349	1002	373	963	427	874	56	171	75	27	10.2	29.7
XX-A1-3-C1A2-1050-YY	381	1300	307	1137	368	1066	391	1025	445	932	56	171	75	27	10.7	31.1
XX-A1-3-C1A2-1200-YY	434	1450	323	1295	389	1212	419	1186	482	1058	56	171	75	27	11.9	34.3

Note: XX-input for: LS or RS.

YY-input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions F does not vary with change in base angle size.

SERIES LS/RS 3 ROLL TROUGH IDLERS-OFFSET
114 DIAMETER

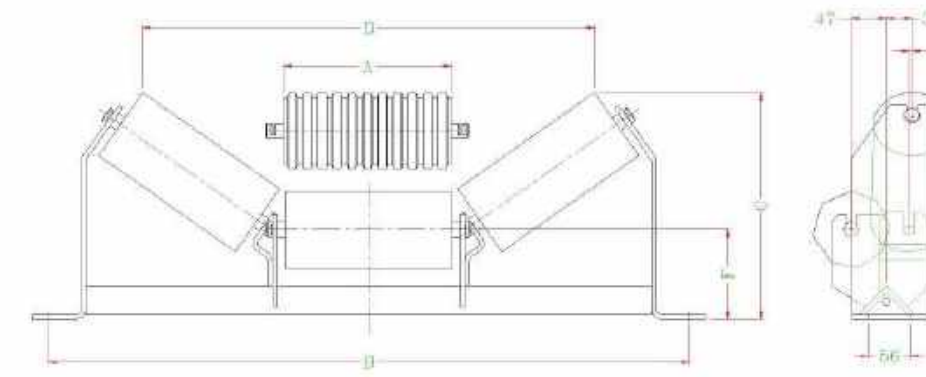
Code No.	A	B	20°		30°		35°		45°		E	F	Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D						
XX-A1-3-B1A2-0500-YY	188	750	244	574	272	531	281	508	312	454	56	178	63	27	7.2	17.8
XX-A1-3-B1A2-0600-YY	223	850	257	678	289	626	304	597	336	538	56	178	63	27	8.1	19.8
XX-A1-3-B1A2-0650-YY	243	900	264	738	301	685	317	650	350	594	56	178	63	27	8.6	21.0
XX-A1-3-B1A2-0750-YY	277	1000	276	834	315	775	333	743	374	670	56	178	63	27	9.4	22.9
XX-A1-3-B1A2-0800-YY	293	1050	280	880	326	815	345	782	385	710	56	178	63	27	9.8	23.9
XX-A1-3-C1A2-0900-YY	330	1150	292	986	344	920	369	877	411	800	56	178	75	27	10.7	29.0
XX-A1-3-C1A2-1000-YY	357	1250	303	1064	355	996	379	956	432	866	56	178	75	27	11.4	31.0
XX-A1-3-C1A2-1050-YY	382	1300	313	1134	372	1060	397	1018	450	924	56	178	75	27	12.0	32.4
XX-A1-3-C1A2-1200-YY	435	1450	329	1292	395	1206	425	1159	487	1050	56	178	75	27	13.3	35.7

Note: XX-input for: LS or RS.

YY-input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions F does not vary with change in base angle size.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES LS/RS 3 ROLL TROUGH IDLERS-OFFSET
114 DIAMETER

Code No.	A	B	20°		30°		35°		45°		E	F	Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D								
XX-A1-3-B1A2-0500-YY	188	750	244	574	272	531	281	508	312	454	56	178	63	27	7.2	17.8	7.5	18.1
XX-A1-3-B1A2-0600-YY	223	850	257	678	289	626	304	597	336	538	56	178	63	27	8.1	19.8	8.6	20.3
XX-A1-3-B1A2-0650-YY	243	900	264	738	301	685	317	650	350	594	56	178	63	27	8.6	21.0	9.4	21.9
XX-A1-3-B1A2-0750-YY	277	1000	276	834	315	775	333	743	374	670	56	178	63	27	9.4	22.9	10.4	23.9
XX-A1-3-B1A2-0800-YY	293	1050	280	880	326	815	345	782	385	710	56	178	63	27	9.8	23.9	11.1	25.2
XX-A1-3-C1A2-0900-YY	330	1150	292	986	344	920	369	877	411	800	56	178	75	27	10.7	29.0	12.2	30.5
XX-A1-3-C1A2-1000-YY	357	1250	303	1064	355	996	379	956	432	866	56	178	75	27	11.4	31.0	13.1	32.7
XX-A1-3-C1A2-1050-YY	382	1300	313	1134	372	1060	397	1018	450	924	56	178	75	27	12.0	32.4	13.6	33.9
XX-A1-3-C1A2-1200-YY	435	1450	329	1292	395	1206	425	1159	487	1050	56	178	75	27	13.3	35.7	15.3	37.7

Note: XX-input for: LS or RS.

YY-input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions F does not vary with change in base angle size.

SERIES RS/HRS 3 ROLL TROUGH IDLERS-OFFSET
127 DIAMETER

Code No.	A	B	20°		30°		35°		45°		E	F	Base Angle Size	Shaft Dia.	Trough Mass R.P.		Impact Mass R.P.	
			C	D	C	D	C	D	C	D					Mass	Total Mass	Mass	Total Mass
XX-A1-3-B1A2-0500-YY	189	750	250	571	277	525	286	501	317	445	56	184	63	27	8.3	18.9	8.9	21.0
XX-A1-3-B1A2-0600-YY	224	850	263	675	294	620	309	590	341	529	56	184	63	27	9.3	21.1	10.5	24.1
XX-A1-3-B1A2-0650-YY	244	900	270	735	306	679	322	643	355	585	56	184	63	27	9.9	22.4	11.4	25.8
XX-A1-3-B1A2-0750-YY	278	1000	282	831	320	769	338	738	379	661	56	184	63	27	10.9	24.4	12.9	28.6
XX-A1-3-B1A2-0800-YY	294	1050	286	877	331	809	350	777	390	701	56	184	63	27	11.4	25.5	13.6	30.1
XX-A1-3-C1A2-0900-YY	331	1150	298	983	349	914	374	870	416	791	56	184	75	27	12.5	30.8	15.3	37.4
XX-A1-3-C1A2-1000-YY	358	1250	309	1061	360	990	384	949	437	857	56	184	75	27	13.3	32.8	16.5	40.2
XX-A1-3-C1A2-1050-YY	383	1300	319	1131	377	1054	402	1011	455	915	56	184	75	27	14.0	34.4	17.6	42.4
XX-A1-3-C1A2-1200-YY	436	1450	335	1289	400	1200	430	1152	492	1041	56	184	75	27	15.5	38.0	20.0	47.6

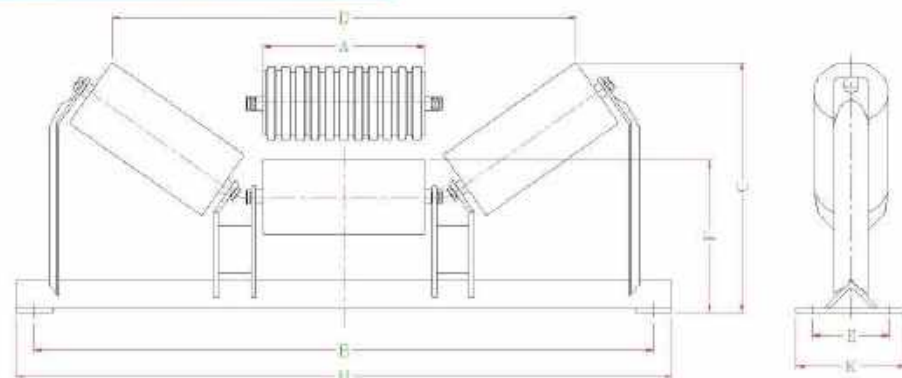
Note: XX-input for: RS or HRS.

YY-input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size.

Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS 3 ROLL TROUGH IDLERS
127 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-C2A2-0750-YY	278	1000	105	860	145	828	165	794	196	710	75	27	11.0	29.1	27	13.5	34.6
XX-A1-3-C2A2-0800-YY	294	1050	105	914	160	870	180	830	208	752	75	27	11.7	30.1	27	14.1	36.0
XX-A1-3-C2A2-0900-YY	331	1150	118	1020	177	972	198	934	238	834	75	27	12.5	32.1	27	15.3	38.7
XX-A1-3-C2A2-1000-YY	358	1250	128	1096	190	1048	217	1000	259	898	75	27	13.3	34.1	27	16.5	41.5
XX-A1-3-C2A2-1050-YY	383	1300	143	1166	206	1114	228	1070	273	962	75	27	14.0	35.6	27	17.6	43.6
XX-A1-3-C2A2-1200-YY	436	1450	158	1318	226	1262	262	1240	314	1084	75	27	15.5	39.3	27	20.0	48.9
XX-A1-3-D2A3-1350-YY	488	1650	178	1486	257	1402	285	1350	349	1212	90	30	17.1	46.6	30	22.3	58.2
XX-A1-3-D2A3-1400-YY	494	1700	178	1488	257	1424	297	1354	349	1240	90	30	17.2	47.5	30	22.6	59.2
XX-A1-3-E2A3-1500-YY	541	1800	193	1622	289	1540	318	1486	392	1328	100	30	18.6	57.4	30	24.7	71.6
XX-A1-3-E2A5-1600-YY	561	2000	193	1684	289	1602	336	1530	392	1406	100	33	19.2	62.5	33	25.6	77.6

Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

SERIES RS/HRS 3 ROLL TROUGH IDLERS
127 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-C2A2-1000-YY	359	1250	128	1096	190	1048	217	1000	259	898	75	27	15.0	36.2	27	16.5	41.9
XX-A1-3-C2A2-1050-YY	384	1300	143	1166	206	1114	228	1070	273	962	75	27	15.8	37.6	27	17.6	43.8
XX-A1-3-D2A2-1200-YY	437	1450	158	1318	226	1262	262	1240	314	1084	90	27	17.3	43.3	27	20.0	51.6
XX-A1-3-D2A3-1350-YY	489	1650	178	1486	257	1402	285	1350	349	1212	90	30	18.8	48.7	30	22.3	58.6
XX-A1-3-D2A3-1400-YY	496	1700	178	1488	257	1424	297	1354	349	1240	90	30	19.0	49.5	30	22.6	59.7
XX-A1-3-E2A3-1500-YY	542	1800	193	1622	289	1540	318	1486	392	1328	100	30	20.4	59.4	30	24.7	71.8
XX-A1-3-F2A5-1600-YY	562	2000	193	1684	289	1602	336	1530	392	1406	125	33	21.0	71.5	33	25.6	87.4
XX-A1-3-F2A5-1800-YY	626	2200	223	1860	325	1770	371	1700	436	1560	125	33	22.8	78.1	33	28.5	96.5

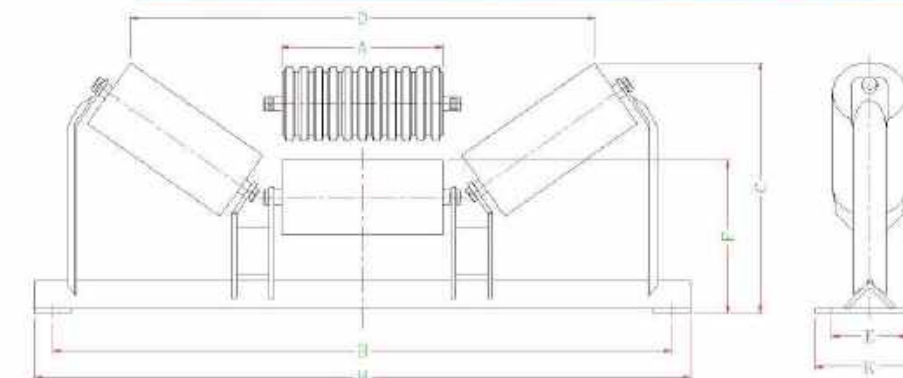
Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

Base Angle	E	F
75×75×6	165	222
90×90×7	180	232
100×100×8	200	240
125×125×8	240	260
140×140×12	280	279

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS 3 ROLL TROUGH IDLERS
152 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-C2A2-0750-YY	283	1000	106	856	144	818	164	782	194	694	75	27	17.6	35.2	38	23.7	46.2
XX-A1-3-C2A2-0800-YY	299	1050	106	892	159	860	179	818	206	736	75	27	18.1	36.4	38	24.6	48.5
XX-A1-3-C2A2-0900-YY	336	1150	117	1016	175	962	196	922	235	818	75	27	19.2	38.8	38	24.7	53.1
XX-A1-3-C2A2-1000-YY	363	1250	127	1092	188	1038	215	988	256	882	75	27	20.3	41.2	38	27.2	57.7
XX-A1-3-C2A2-1050-YY	388	1300	142	1162	204	1104	226	1058	270	946	75	27	21.4	43.1	38	28.5	60.4
XX-A1-3-C2A2-1200-YY	441	1450	157	1314	224	1252	260	1192	311	1068	75	27	23.8	47.5	38	32.4	67.6
XX-A1-3-D2A3-1350-YY	493	1650	177	1462	255	1392	283	1338	346	1196	90	30	26.0	55.0	38	35.2	76.6
XX-A1-3-D2A3-1400-YY	498	1700	177	1484	255	1414	295	1342	346	1224	90	30	26.3	56.6	38	35.7	77.7
XX-A1-3-E2A3-1500-YY	546	1800	192	1618	287	1530	316	1474	389	1312	100	30	28.4	67.1	38	39.1	91.9
XX-A1-3-E2A5-1600-YY	566	2000	192	1680	287	1592	334	1518	389	1390	100	33	29.2	72.5	38	39.9	95.9

Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

SERIES RS/HRS 3 ROLL TROUGH IDLERS
152 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-C2A2-1000-YY	363	1250	127	1092	188	1038	215	988	256	882	75	27	21.1	42.2	38	27.2	57.9
XX-A1-3-C2A2-1050-YY	388	1300	142	1162	204	1104	226	1058	270	946	75	27	22.2	44.1	38	28.5	60.6
XX-A1-3-D2A2-1200-YY	441	1450	157	1314	224	1252	260	1192	311	1068	90	27	24.5	50.5	38	32.4	70.4
XX-A1-3-D2A3-1350-YY	493	1650	177	1462	255	1392	283	1338	346	1196	90	30	26.8	56.6	38	35.2	76.8
XX-A1-3-D2A3-1400-YY	499	1700	177	1484	255	1414	295	1342	346	1224	90	30	27.0	57.6	38	35.7	78.0
XX-A1-3-E2A3-1500-YY	546	1800	192	1618	287	1530	316	1474	389	1312	100	30	29.1	68.1	38	39.1	92.2
XX-A1-3-F2A5-1600-YY	566	2000	192	1680	287	1592	334	1518	389	1390	125	33	30.0	80.5	38	39.9	105.7
XX-A1-3-F2A5-1800-YY	630	2200	222	1856	323	1780	369	1688	436	1544	125	33	32.8	88.0	38	44.8	117.1

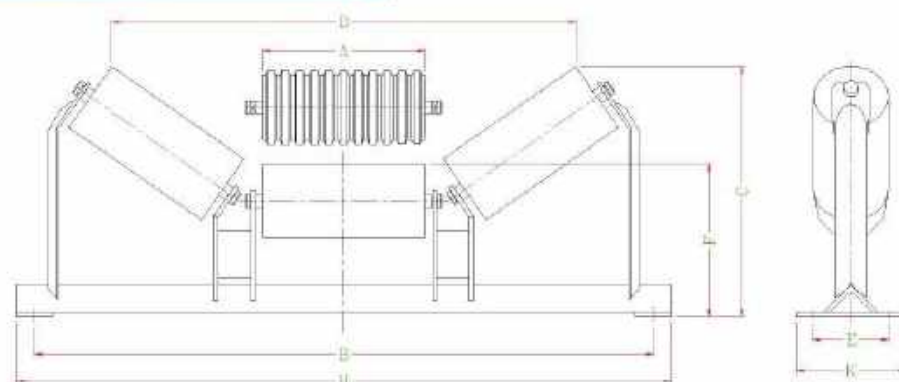
Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

Base Angle	E	F
75×75×6	165	235
90×90×7	180	245
100×100×8	200	255
125×125×8	240	273
140×140×12	280	292

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS 3 ROLL TROUGH IDLERS
152 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-D3A2-1200-YY	442	1450	158	1334	231	1276	267	1214	319	1086	90	38	26.6	62.7	38	32.4	74.1
XX-A1-3-E3A3-1350-YY	494	1650	178	1480	261	1408	295	1350	354	1214	100	38	28.9	74.6	38	35.2	87.9
XX-A1-3-E3A3-1400-YY	500	1700	178	1500	261	1432	295	1372	354	1232	100	38	29.2	75.6	38	35.7	89.7
XX-A1-3-E3A3-1500-YY	547	1800	192	1636	291	1554	320	1500	387	1350	100	38	3.2	80.5	38	39.1	96.5
XX-A1-3-F3A5-1600-YY	567	2000	192	1696	291	1616	340	1540	409	1386	125	38	32.1	91.6	38	39.9	110.7
XX-A1-3-F3A5-1800-YY	631	2200	227	1874	330	1786	375	1714	443	1562	125	38	34.9	99.6	38	44.8	122.2
XX-A1-3-G3A5-2000-YY	706	2400	247	2090	366	1968	411	1918	492	1748	140	38	38.2	124.4	38	49.3	154.3
XX-A1-3-G3A5-2200-YY	785	2600	277	2318	407	2206	465	2112	556	1926	140	42	41.7	138.8	42	54.9	172.7

Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

SERIES RS/HRS 3 ROLL TROUGH IDLERS
152 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-F3A5-1800-YY	569	2000	192	1696	291	1616	340	1540	409	1386	125	48	38.1	108.2	48	On Application	On Application
XX-A1-3-F3A5-1800-YY	633	2200	227	1874	330	1786	375	1714	443	1562	125	48	40.9	117.2	48		
XX-A1-3-G3A5-2000-YY	708	2400	247	2090	366	1968	411	1918	492	1748	140	48	44.1	143.2	48		
XX-A1-3-G3A5-2200-YY	787	2600	277	2318	407	2206	465	2112	556	1926	140	48	47.6	155.1	48		
XX-A1-3-G3A5-2400-YY	848	2800	294	2496	440	2364	494	2282	600	2068	140	48	50.3	165.1	48		
XX-A1-3-G3A5-2500-YY	873	2900	304	2560	440	2450	515	2340	617	2130	140	50	51.4	172.2	50		
XX-A1-3-G3A5-2600-YY	905	3000	322	2656	464	2536	528	2430	640	2206	140	50	52.8	177.4	50		
XX-A1-3-G3A5-2800-YY	984	3200	348	2884	497	2744	571	2638	694	2400	140	50	56.2	189.5	50		
XX-A1-3-G3A5-3000-YY	1050	3400	369	3072	529	2928	608	2816	744	2552	140	50	59.1	200.3	50		

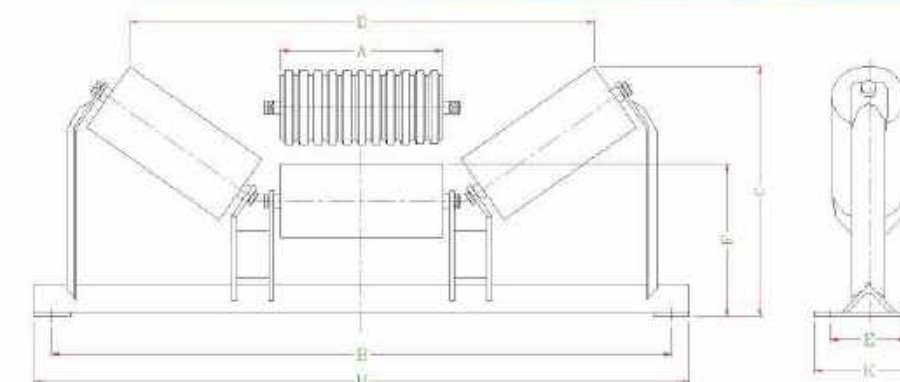
Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

Base Angle	E	F
75 x 75 x 6	165	247
90 x 90 x 7	180	257
100 x 100 x 8	200	267
125 x 125 x 8	240	286
140 x 140 x 12	280	305

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS 3 ROLL TROUGH IDLERS
178 DIAMETER

Code No.	A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-D3A2-1200-YY	442	1450	157	1326	229	1263	265	1200	315	1068	90	38	42.0	78.1	38	38.7	83.7
XX-A1-3-E3A3-1350-YY	494	1650	177	1472	259	1395	293	1336	350	1196	100	38	48.0	91.7	38	42.7	98.7
XX-A1-3-E3A3-1400-YY	500	1700	177	1492	259	1419	293	1358	350	1214	100	38	46.4	92.9	38	43.3	100.5
XX-A1-3-E3A3-1500-YY	547	1800	191	1628	289	1541	318	1486	383	1332	100	38	50.0	99.3	38	47.3	107.4
XX-A1-3-F3A5-1600-YY	567	2000	191	1688	289	1603	338	1526	405	1368	125	38	51.5	111.0	38	48.7	122.3
XX-A1-3-F3A5-1800-YY	631	2200	226	1888	328	1773	373	1700	439	1544	125	38	56.4	121.1	38	54.3	133.8
XX-A1-3-G3A5-2000-YY	706	2400	247	2082	364	1975	409	1904	488	1730	140	38	62.2	148.3	42	60.5	167.1
XX-A1-3-G3A5-2200-YY	785	2600	276	2310	405	2193	463	2098	552	1918	140	42	68.2	165.3	42	67.1	186.0

Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

SERIES RS/HRS 3 ROLL TROUGH IDLERS
178 DIAMETER

Code No.	Nom A	B	20°		30°		35°		45°		Base Angle Size	Shaft Dia.	Trough Mass R.P.	Total Mass	Shaft Dia.	Impact Mass R.P.	Total Mass
			C	D	C	D	C	D	C	D							
XX-A1-3-F3A5-1800-YY	569	2000	191	1688	289	1603	338	1526	405	1368	125	48	57.8	127.9	48	On Application	On Application
XX-A1-3-F3A5-1800-YY	633	2200	226	1866	328	1773	373	1700	439	1544	125	48	62.7	139.0	48		
XX-A1-3-G3A5-2000-YY	708	2400	247	2082	364	1975	409	1904	488	1730	140	48	68.4	167.4	48		
XX-A1-3-G3A5-2200-YY	787	2600	276	2310	405	2193	463	2098	552	1918	140	48	74.4	181.9	48		
XX-A1-3-G3A5-2400-YY	848	2800	293	2488	438	2351	492	2268	596	2060	140	48	79.1	193.9	48		
XX-A1-3-G3A5-2500-YY	873	2900	303	2552	438	2437	513	2326	613	2122	140	50	81.0	201.8	50		
XX-A1-3-G3A5-2600-YY	905	3000	321	2648	462	2523	526	2416	636	2198	140	50	83.4	208.1	50		
XX-A1-3-G3A5-2800-YY	984	3200	347	2876	495	2731	569	2624	690	2392	140	50	89.5	222.7	50		
XX-A1-3-G3A5-3000-YY	1050	3400	368	3064	527	2915	606	2802	740	2544	140	50	94.5	235.7	50		

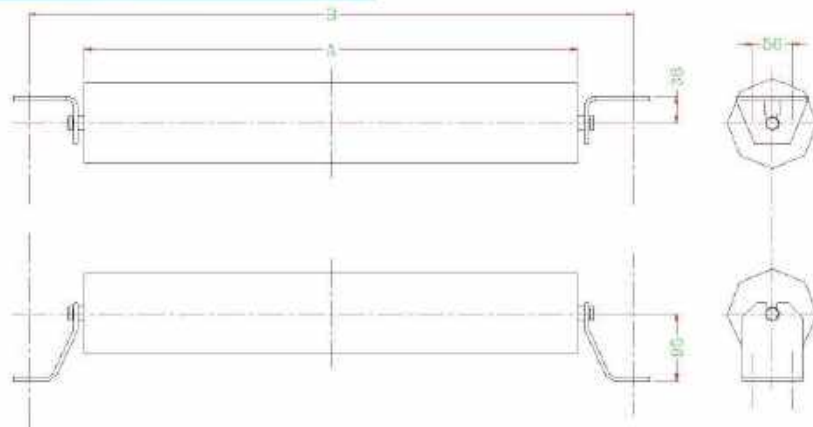
Note: XX-Input for: RS or HRS.

YY-Input for angle: 20°, 30°, 35°, 45°

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated below. Code numbers shown are for plain trough idlers, for impact idlers change both "A's" in code numbers to "B's".

Base Angle	E	F
75 x 75 x 6	165	260
90 x 90 x 7	180	270
100 x 100 x 8	200	280
127 x 127 x 8	240	300
140 x 140 x 12	280	320

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

**SERIES LS/RS FLAT CARRY AND RETURN IDLER
102 DIAMETER**

Code No.	A	B	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0350-YY	442	600	27	3.8	8.4
XX-A1-1-K0E2-0400-YY	492	650	27	4.2	9.1
XX-A1-1-K0E2-0450-YY	542	700	27	4.6	9.7
XX-A1-1-K0E2-0500-YY	592	750	27	4.9	10.2
XX-A1-1-K0E2-0600-YY	692	850	27	5.7	11.4
XX-A1-1-K0E2-0650-YY	742	900	27	6.1	12.0
XX-A1-1-K0E2-0750-YY	842	1000	27	6.8	13.2
XX-A1-1-K0E2-0800-YY	892	1050	27	7.2	13.9
XX-A1-1-K0E2-0900-YY	992	1150	27	7.9	15.0
XX-A1-1-K0E2-1000-YY	1092	1250	27	8.6	16.1
XX-A1-1-K0E2-1050-YY	1142	1300	27	9.0	16.8
XX-A1-1-K0E2-1200-YY	1292	1450	27	10.1	18.5

XX-input for: LS or RS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

**SERIES LS/RS FLAT CARRY AND RETURN IDLER
114 DIAMETER**

Code No.	A	B	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0500-YY	593	750	27	5.5	10.8
XX-A1-1-K0E2-0600-YY	693	850	27	6.3	12.0
XX-A1-1-K0E2-0650-YY	743	900	27	6.7	12.6
XX-A1-1-K0E2-0750-YY	843	1000	27	7.6	14.0
XX-A1-1-K0E2-0800-YY	893	1050	27	8.0	14.7
XX-A1-1-K0E2-0900-YY	993	1150	27	8.8	15.9
XX-A1-1-K0E2-1000-YY	1093	1250	27	9.6	17.1
XX-A1-1-K0E2-1050-YY	1143	1300	30	10.0	19.0
XX-A1-1-K0E2-1200-YY	1293	1450	30	11.3	21.1

XX-input for: LS or RS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

**SERIES RS/HRS FLAT CARRY AND RETURN IDLER
127 DIAMETER**

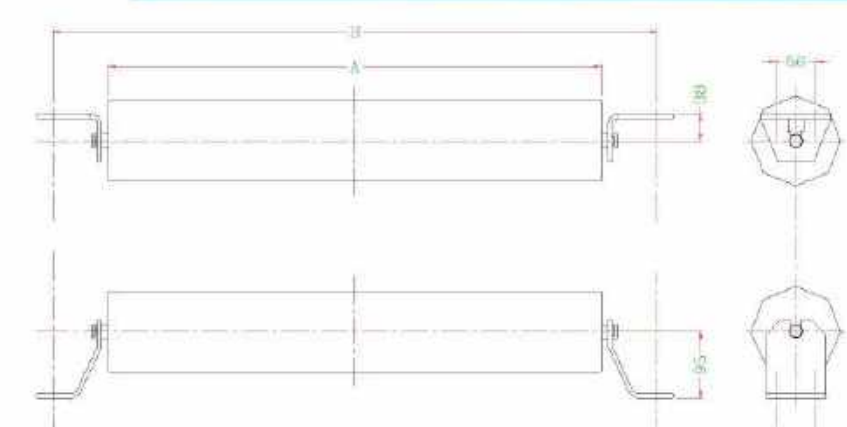
Code No.	A	B	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0500-YY	594	750	27	6.2	11.5
XX-A1-1-K0E2-0600-YY	694	850	27	7.1	12.8
XX-A1-1-K0E2-0650-YY	744	900	27	7.6	13.5
XX-A1-1-K0E2-0750-YY	844	1000	27	8.5	14.9
XX-A1-1-K0E2-0900-YY	894	1050	27	9.0	15.7
XX-A1-1-K0E2-0900-YY	994	1150	27	9.9	17.0
XX-A1-1-K0E2-1000-YY	1094	1250	27	10.8	18.3
XX-A1-1-K0E2-1050-YY	1144	1300	30	11.3	20.3
XX-A1-1-K0E2-1200-YY	1294	1450	30	12.6	22.4
XX-A1-1-K0E3-1350-YY	1494	1650	33	14.5	27.2
XX-A1-1-K0E3-1400-YY	1544	1700	33	15.0	28.0
XX-A1-1-K0E3-1500-YY	1644	1800	36	15.9	31.8
XX-A1-1-K0E5-1600-YY	1844	2000	36	17.8	35.3

XX-input for: RS or HRS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

**SERIES RS/HRS FLAT CARRY AND RETURN IDLER
127 DIAMETER**

Code No.	A	B	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-1000-YY	1096	1250	33	11.3	21.3
XX-A1-1-K0E2-1050-YY	1146	1300	33	11.8	22.3
XX-A1-1-K0E2-1200-YY	1296	1450	33	13.2	24.7
XX-A1-1-K0E3-1350-YY	1496	1650	36	15.0	29.8
XX-A1-1-K0E3-1400-YY	1546	1700	36	15.4	30.6
XX-A1-1-K0E3-1500-YY	1646	1800	36	16.5	32.5
XX-A1-1-K0E5-1600-YY	1846	2000	38	18.6	37.8
XX-A1-1-K0E5-1800-YY	2046	2200	40	20.5	45.8

XX-input for: RS or HRS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

**SERIES RS/HRS FLAT CARRY AND RETURN IDLERS
152 DIAMETER**

Code No.	A	B	Series 20			Series 30		
			Shaft Dia.	Mass R.P.	Total Mass	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0750-YY	849	1000	27	13.8	20.3	N/A	N/A	N/A
XX-A1-1-K0E2-0800-YY	899	1050	27	14.6	21.2	N/A	N/A	N/A
XX-A1-1-K0E2-0900-YY	999	1150	27	16.0	23.1	N/A	N/A	N/A
XX-A1-1-K0E2-1000-YY	1099	1250	27	17.5	25.0	33	17.7	27.8
XX-A1-1-K0E2-1050-YY	1149	1300	30	18.4	27.4	33	18.4	28.9
XX-A1-1-K0E2-1200-YY	1299	1450	30	20.4	30.2	33	20.6	32.1
XX-A1-1-K0E3-1350-YY	1499	1650	33	23.4	36.1	36	23.6	38.4
XX-A1-1-K0E3-1400-YY	1549	1700	33	24.2	37.2	36	24.3	39.5
XX-A1-1-K0E3-1500-YY	1649	1800	36	25.6	41.5	36	25.9	41.9
XX-A1-1-K0E5-1600-YY	1849	2000	36	28.7	46.2	38	29.0	48.3
XX-A1-1-K0E5-1800-YY		2200	N/A	N/A	N/A	40	32.2	57.5

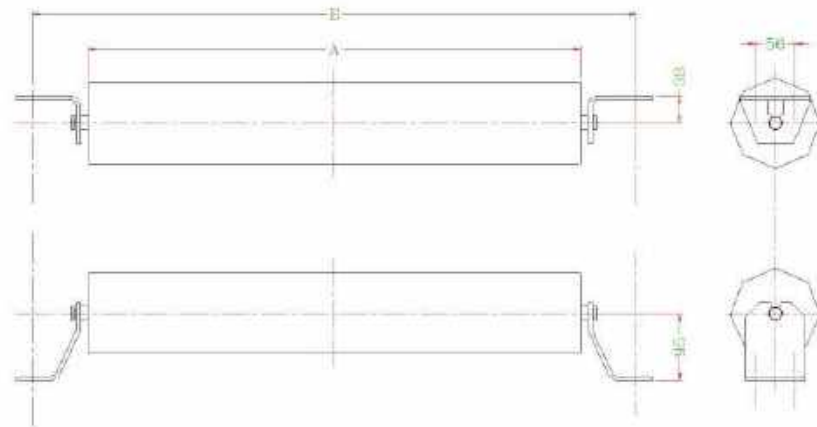
XX-input for: RS or HRS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

**SERIES RS/HRS FLAT CARRY AND RETURN IDLERS
152 DIAMETER**

Code No.	A	B	Series 45			Series 55		
			Shaft Dia.	Mass R.P.	Total Mass	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0900-YY	1002	1150	38	16.7	30.7	N/A	N/A	N/A
XX-A1-1-K0E2-1000-YY	1102	1250	38	18.2	31.1	48	20.1	41.0
XX-A1-1-K0E2-1050-YY	1152	1300	38	19.0	34.3	48	20.8	42.4
XX-A1-1-K0E2-1200-YY	1302	1450	38	21.2	37.9	48	23.0	46.8
XX-A1-1-K0E3-1350-YY	1502	1650	42	24.2	45.7	48	25.9	52.5
XX-A1-1-K0E3-1400-YY	1552	1700	42	25.1	47.2	48	26.6	53.9
XX-A1-1-K0E3-1500-YY	1652	1800	42	26.6	49.8	48	28.1	56.9
XX-A1-1-K0E5-1600-YY	1852	2000	45	29.9	58.3	48	31.0	62.6
XX-A1-1-K0E5-1800-YY	2052	2200	45	33.2	64.1	48	33.9	68.3

XX-input for: RS or HRS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

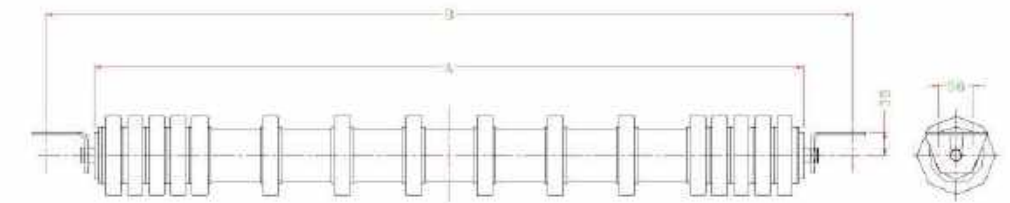

**SERIES RS/HRS FLAT CARRY AND RETURN IDLERS
178 DIAMETER**

Code No.	A	B	Series 50			Series 60		
			Shaft Dia.	Mass R.P.	Total Mass	Shaft Dia.	Mass R.P.	Total Mass
XX-A1-1-K0E2-0800-YY	1002	1150	38	28.5	40.5	N/A	N/A	N/A
XX-A1-1-K0E2-1000-YY	1102	1250	38	28.9	43.8		32.5	53.4
XX-A1-1-K0E2-1050-YY	1152	1300	38	30.1	45.4	48	33.8	55.4
XX-A1-1-K0E2-1200-YY	1302	1450	38	33.7	50.4		37.6	61.4
XX-A1-1-K0E3-1350-YY	1502	1650	42	39.0	60.5	48	42.7	69.3
XX-A1-1-K0E3-1400-YY	1552	1700	42	40.3	62.4		44.0	71.3
XX-A1-1-K0E3-1500-YY	1652	1800	42	42.7	65.9	48	46.5	75.3
XX-A1-1-K0E5-1600-YY	1852	2000	45	47.7	75.1		51.6	83.2
XX-A1-1-K0E5-1800-YY	2052	2200	45	52.7	83.8	48	56.7	91.1

XX-Input for: RS or HRS.
For flat carry idlers replace E with H.
For alternative return drop heights refer identification system.



GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.


**SERIES RS/HRS RUBBER DISC RETURN IDLER WITHOUT SPACERS
127 DIAMETER**

Code No.	A	B	End Disc	Centre Disc	Shaft Dia.	Mass R.P.	Total Mass
XX-G1-1-K0E2-0500-YY	575	750	8	2	27	7.8	13.1
XX-G1-1-K0E2-0600-YY	675	850	10	3	27	9.6	15.3
XX-G1-1-K0E2-0650-YY	725	900	10	3	27	10.0	15.9
XX-G1-1-K0E2-0750-YY	825	1000	10	4	27	11.0	16.4
XX-G1-1-K0E2-0800-YY	875	1150	10	4	27	11.4	18.1
XX-G1-1-K0E2-0900-YY	975	1050	10	5	27	12.5	19.6
XX-G1-1-K0E2-1000-YY	1075	1250	10	6	27	13.6	21.0
XX-G1-1-K0E2-1050-YY	1125	1300	10	6	30	14.0	23.1
XX-G1-1-K0E2-1200-YY	1275	1450	10	7	30	15.4	25.2
XX-G1-1-K0E3-1350-YY	1425	1650	10	9	33	17.3	30.0
XX-G1-1-K0E3-1400-YY	1475	1700	10	9	33	17.7	30.7

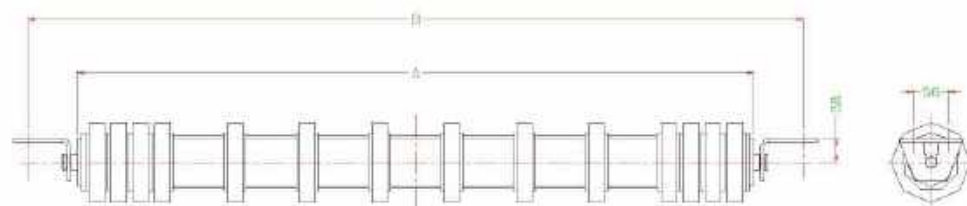
XX-Input for: RS or HRS.
For alternative return drop heights refer identification system.

**SERIES RS/HRS RUBBER DISC RETURN IDLER WITHOUT SPACERS
152/178 DIAMETER**

Code No.	A	B	End Disc	Centre Disc	Series 45			Series 50		
					Shaft Dia.	Mass R.P.	Total Mass	Shaft Dia.	Mass R.P.	Total Mass
XX-G1-1-K0E2-0600-YY	675	850	6	2	38	13.8	24.2	38	15.4	25.8
XX-G1-1-K0E2-0650-YY	725	900	6	2	38	14.9	26.6	38	16.5	28.2
XX-G1-1-K0E2-0750-YY	825	1000	6	3	38	16.3	28.9	38	18.1	30.7
XX-G1-1-K0E2-0800-YY	875	1050	6	3	38	16.9	30.0	38	18.7	31.8
XX-G1-1-K0E2-0900-YY	975	1150	6	3	38	18.0	32.0	38	19.8	33.8
XX-G1-1-K0E2-1000-YY	1075	1250	6	4	38	19.9	34.7	38	21.9	36.7
XX-G1-1-K0E2-1050-YY	1125	1300	6	4	38	20.4	35.7	38	22.4	37.7
XX-G1-1-K0E2-1200-YY	1275	1450	6	5	38	22.9	39.5	38	25.1	41.7
XX-G1-1-K0E3-1350-YY	1425	1650	6	7	38	26.7	45.1	38	29.3	47.7
XX-G1-1-K0E3-1400-YY	1475	1700	6	7	38	27.3	46.8	38	29.9	49.2
XX-G1-1-K0E3-1500-YY	1575	1800	8	6	38	29.1	48.9	38	31.9	51.7

XX-Input for: RS or HRS.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS-HRS RUBBER DISC RETURN IDLER WITH SPACERS 152/178 DIAMETER

Code No.	A	B	End Disc	Centre Disc	Series 45			Series 50		
					Shaft Dia.	Mass R.P.	Total Mass	Shaft Dia.	Mass R.P.	Total Mass
XX-G1-1-K0E2-0900-YY	965	1150	6	5	38	23.7	37.7	38	26.0	40.0
XX-G1-1-K0E2-1000-YY	1065	1250	6	6	38	26.2	41.0	38	28.6	43.6
XX-G1-1-K0E2-1050-YY	1115	1300	6	6	38	28.8	44.1	38	31.2	46.5
XX-G1-1-K0E2-1200-YY	1265	1450	6	7	38	30.5	47.1	38	33.1	49.7
XX-G1-1-K0E3-1350-YY	1415	1650	6	8	38	34.8	53.2	38	37.6	56.0
XX-G1-1-K0E3-1400-YY	1465	1700	6	8	38	35.7	55.0	38	38.5	57.8
XX-G1-1-K0E3-1500-YY	1565	1800	8	9	38	39.0	58.8	38	42.4	62.2
XX-G1-1-K0E5-1600-YY	1665	2000	8	10	38	43.3	64.8	38	45.9	68.4
XX-G1-1-K0E5-1800-YY	1865	2200	8	11	42	47.7	74.6	42	51.5	78.4

XX-Input for: RS or HRS.
For alternative return drop heights refer identification system.

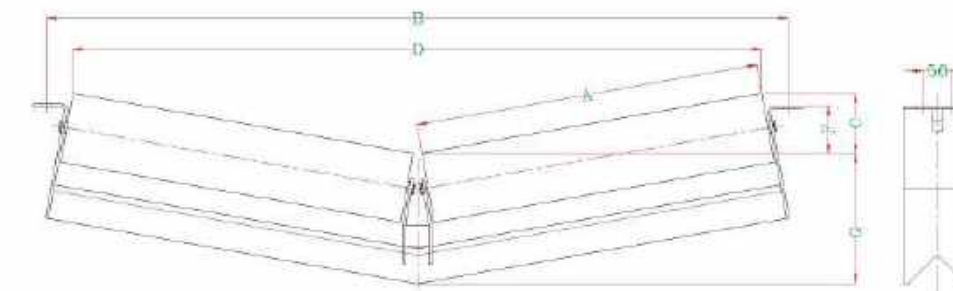


GCS Series 15 Rubber Disc Return Roller
without Spacers



GCS Series 45 Rubber Disc Return Roller
with Spacers

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

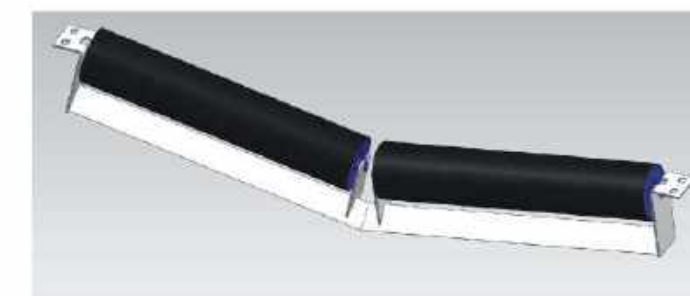


SERIES RS/HRS VEE RETURN IDLER 114 DIAMETER

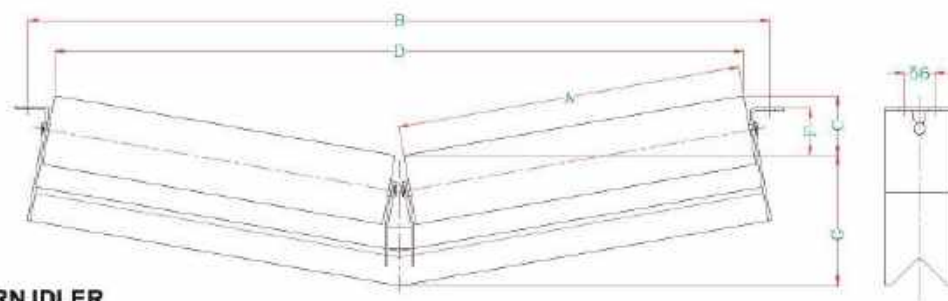
Code No.	A	B	5°			10°			15°			Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F				
XX-A1-2-B0K2-0600-YY	340	850	31	735	13	63	708	46	91	682	76	63	27	7.1	15.5
XX-A1-2-B0K2-0650-YY	362	900	33	785	15	67	758	50	98	732	83	63	27	7.4	16.3
XX-A1-2-B0K2-0750-YY	416	1000	37	885	19	76	858	59	111	832	96	63	27	8.1	17.9
XX-A1-2-B0K2-0800-YY	435	1050	40	935	22	81	908	64	118	882	103	63	27	8.6	18.9
XX-A1-2-B0K2-0900-YY	487	1150	44	1035	26	89	1008	72	132	982	117	63	27	9.4	20.5
XX-A1-2-B0K2-1000-YY	540	1250	48	1135	30	98	1108	81	145	1082	130	63	27	10.2	22.3
XX-A1-2-C0K2-1050-YY	560	1300	50	1185	32	103	1158	86	152	1132	137	75	27	10.6	26.4
XX-A1-2-C0K2-1200-YY	645	1450	57	1335	39	116	1308	99	172	1282	157	75	27	11.8	29.4
XX-A1-2-C0K3-1350-YY	744	1650	66	1535	48	134	1508	117	199	1482	184	75	27	13.4	33.3
XX-A1-2-C0K3-1400-YY	764	1700	68	1585	50	138	1558	121	206	1532	191	75	27	14.2	35.0
XX-A1-2-C0K3-1500-YY	814	1800	72	1685	54	148	1658	131	220	1632	205	75	27	14.6	36.3
XX-A1-2-C0K5-1600-YY	914	2000	83	1885	65	166	1858	149	246	1832	231	75	27	16.4	40.4
XX-A1-2-D0K5-1800-YY	1014	2200	92	2085	74	182	2058	165	273	2032	258	90	27	18.0	47.3

Note: XX-Input for: RS or HRS.
YY-Input for angle: 5°, 10°, 15°.
Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size as tabulated below.

Base Angle	G
63×63×5L	207
75×75×6L	217
90×90×7L	227
100×100×8L	237
125×125×8L	257



GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS VEE RETURN IDLER 127 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F				
XX-A1-2-B0K2-0600-YY	341	850	31	735	8	63	708	39	91	682	69	63	27	8.2	16.6
XX-A1-2-B0K2-0650-YY	363	900	33	785	8	67	758	43	98	732	76	63	27	8.6	17.5
XX-A1-2-B0K2-0750-YY	417	1000	37	885	12	76	858	52	111	832	89	63	27	9.6	19.4
XX-A1-2-B0K2-0800-YY	436	1050	40	935	15	81	908	57	118	882	96	63	27	10.1	20.4
XX-A1-2-B0K2-0900-YY	488	1150	44	1035	19	89	1008	65	132	982	110	63	27	11.1	22.2
XX-A1-2-B0K2-1000-YY	541	1250	48	1135	23	98	1108	74	145	1082	123	63	27	12.2	24.3
XX-A1-2-C0K2-1050-YY	561	1300	50	1185	25	103	1158	79	152	1132	130	75	27	12.6	28.4
XX-A1-2-C0K2-1200-YY	646	1450	57	1335	32	116	1308	92	172	1282	150	75	27	13.2	30.8
XX-A1-2-C0K3-1350-YY	745	1650	66	1535	41	134	1508	110	199	1482	177	75	27	15.2	35.1
XX-A1-2-C0K3-1400-YY	765	1700	68	1585	43	138	1558	114	206	1532	184	75	27	15.6	36.4
XX-A1-2-C0K3-1500-YY	815	1800	72	1685	47	148	1658	124	220	1632	198	75	27	16.4	38.1
XX-A1-2-C0K5-1600-YY	915	2000	83	1885	58	166	1858	142	246	1832	224	75	27	18.4	42.4
XX-A1-2-D0K5-1800-YY	1015	2200	92	2085	67	182	2058	158	273	2032	251	90	27	20.2	49.5

Note: XX-input for: RS or HRS.

YY-input for angle: 5°, 10°, 15°.

Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size as tabulated below.

SERIES RS/HRS VEE RETURN IDLER 127 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F				
XX-A1-2-C0K2-1200-YY	648	1450	57	1337	32	116	1310	92	172	1282	150	75	27	14.2	31.8
XX-A1-2-C0K3-1350-YY	747	1650	66	1537	41	134	1510	110	199	1482	177	75	27	16.2	36.1
XX-A1-2-C0K3-1400-YY	767	1700	68	1587	43	138	1560	114	206	1532	184	75	27	16.6	37.4
XX-A1-2-C0K3-1500-YY	817	1800	72	1687	47	148	1660	124	220	1632	198	75	27	17.6	39.3
XX-A1-2-C0K5-1600-YY	917	2000	83	1887	58	166	1860	142	246	1832	224	75	27	19.6	43.6
XX-A1-2-D0K5-1800-YY	1017	2200	92	2087	67	182	2060	158	273	2032	251	90	27	21.4	50.7
XX-A1-2-E0K5-2000-YY	1117	2400	100	2287	75	200	2260	176	300	2232	278	100	27	23.0	63.5
XX-A1-2-F0K5-2200-YY	1217	2600	109	2487	84	218	2460	194	328	2432	306	125	27	25.1	77.8
XX-A1-2-F0K5-2400-YY	1317	2800	118	2687	93	236	2660	212	356	2632	334	125	27	27.2	83.9
XX-A1-2-F0K5-2600-YY	1367	2900	123	2787	96	245	2760	221	370	2732	348	125	27	28.2	86.9

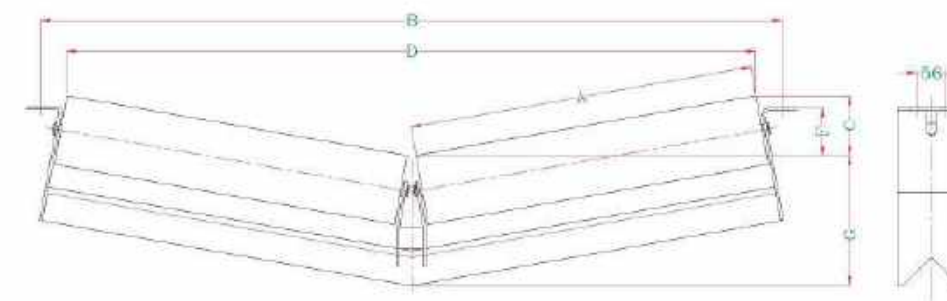
Note: XX-input for: RS or HRS.

YY-input for angle: 5°, 10°, 15°.

Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size as tabulated below.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

Base Angle	G	90×90×7L	234
63×63×5L	214	100×100×8L	244
75×75×6L	224	125×125×8L	264



SERIES RS/HRS VEE RETURN IDLER 152 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F				
XX-A1-2-B0K2-0750-YY	422	1000	37	888	0	76	858	40	112	828	78	63	27	13.4	23.2
XX-A1-2-B0K2-0800-YY	441	1050	40	938	3	81	908	45	119	878	85	63	27	14.1	24.4
XX-A1-2-B0K2-0900-YY	493	1150	44	1038	7	89	1008	53	132	978	98	63	27	15.8	26.9
XX-A1-2-B0K2-1000-YY	546	1250	48	1138	11	98	1108	62	145	1078	111	63	27	17.6	29.7
XX-A1-2-C0K2-1050-YY	566	1300	50	1188	13	103	1158	67	152	1128	118	75	27	18.0	33.8
XX-A1-2-C0K2-1200-YY	651	1450	57	1338	20	116	1308	80	172	1278	138	75	27	20.4	38.0
XX-A1-2-C0K3-1350-YY	750	1650	66	1538	28	134	1508	98	199	1478	165	75	27	24.0	43.9
XX-A1-2-C0K3-1400-YY	770	1700	68	1588	31	138	1558	102	206	1528	172	75	27	24.8	45.4
XX-A1-2-C0K3-1500-YY	820	1800	72	1688	35	148	1658	112	220	1628	186	75	27	28.2	47.9
XX-A1-2-C0K5-1600-YY	920	2000	83	1888	46	166	1858	130	246	1828	212	75	27	29.4	53.4
XX-A1-2-D0K5-1800-YY	1020	2200	92	2088	55	182	2058	146	273	2028	239	90	27	32.8	61.9

Note: XX-input for: RS or HRS.

YY-input for angle: 20°, 30°, 35°, 45°.

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated below.

SERIES RS/HRS VEE RETURN IDLER 152 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F				
XX-A1-2-C0K2-1200-YY	651	1450	57	1338	20	116	1308	80	172	1278	138	75	27	21.0	38.6
XX-A1-2-C0K3-1350-YY	750	1650	66	1538	28	134	1508	98	199	1478	165	75	27	24.2	44.1
XX-A1-2-C0K3-1400-YY	770	1700	68	1588	31	138	1558	102	206	1528	172	75	27	25.0	45.8
XX-A1-2-C0K3-1500-YY	820	1800	72	1688	35	148	1658	112	220	1628	186	75	27	26.6	48.3
XX-A1-2-C0K5-1600-YY	920	2000	83	1888	46	166	1858	130	246	1828	212	75	27	29.8	53.8
XX-A1-2-D0K5-1800-YY	1020	2200	92	2088	55	182	2058	146	273	2028	239	90	27	33.0	62.3
XX-A1-2-E0K5-2000-YY	1120	2400	100	2288	63	200	2258	164	300	2228	266	100	27	35.8	76.3
XX-A1-2-F0K5-2200-YY	1220	2600	109	2488	72	218	2458	182	328	2428	294	125	27	39.0	91.7
XX-A1-2-F0K5-2400-YY	1320	2800	118	2688	81	236	2658	200	356	2628	322	125	27	42.2	98.9
XX-A1-2-F0K5-2500-YY	1370	2900	123	2788	86	245	2758	209	370	2728	336	125	27	43.8	102.5

Note: XX-input for: RS or HRS.

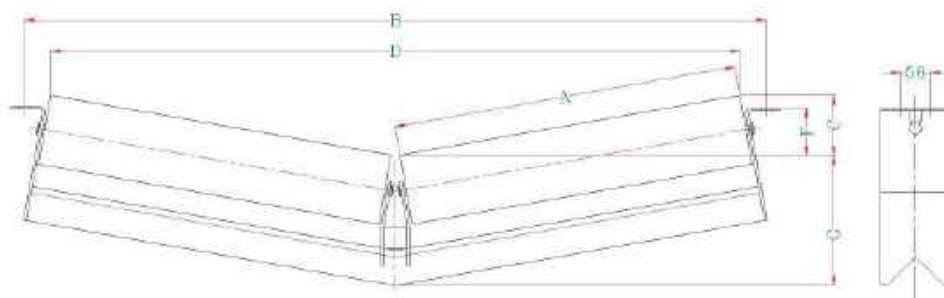
YY-input for angle: 20°, 30°, 35°, 45°.

Base angle size nominated is normal stock standard. Dimensions E and F do not vary with change in base angle size as tabulated below.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

Base Angle	G	Base Angle	G
63×63×5L	226	100×100×8L	283
75×75×6L	236	125×125×8L	303
90×90×7L	246	140×140×12L	296

V Return Idler



SERIES RS/HRS VEE RETURN IDLER 152 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Series 45			Base Angle Size	Series 55		
			C	D	F	C	D	F	C	D	F		Shaft Dia.	Mass R.P.	Total Mass		Shaft Dia.	Mass R.P.	Total Mass
XX-A1-2-D0K5-1800-YY	1023	2200	92	2090	55	182	2060	146	273	2030	239	90	38	34.2	72.9	84	48	36.6	86.7
XX-A1-2-E0K5-2000-YY	1123	2400	100	2290	63	200	2260	164	300	2230	266	100	38	37.5	88.3	102	48	39.9	103.1
XX-A1-2-F0K5-2200-YY	1223	2600	109	2490	72	218	2460	182	328	2430	294	125	38	40.6	104.7	127	48	43.2	120.5
XX-A1-2-F0K5-2400-YY	1323	2800	118	2690	81	236	2660	200	356	2630	322	125	38	44.1	113.0	127	48	46.5	129.8
XX-A1-2-F0K5-2500-YY	1373	2900	123	2790	86	245	2760	209	370	2730	336	125	38	45.8	117.1	127	48	48.2	134.5
XX-A1-2-G0K5-2600-YY	1423	3000	127	2890	90	254	2860	218	384	2830	350	140	38	47.5	140.7	152	48	49.9	158.7
XX-A1-2-G0K5-2800-YY	1523	3200	136	3090	99	272	3060	236	412	3030	378	140	38	50.8	150.2	152	48	53.2	169.2
XX-A1-2-G0K5-3000-YY	1623	3400	145	3290	108	290	3260	254	440	3230	406	140	38	54.2	159.8	152	48	56.6	182.7

Note: XX-Input for: RS or HRS.

YY-Input for angle: 5°, 10°, 15°.

Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size as tabulated below.

Base Angle	G		
63×63×5L	240	100×100×8L	270
75×75×6L	250	125×125×8L	290
90×90×7L	260	140×140×12L	310

SERIES RS/HRS VEE RETURN IDLER 178 DIAMETER

Code No.	A	B	5°			10°			15°			Base Angle Size	Series 50			Base Angle Size	Series 60		
			C	D	F	C	D	F	C	D	F		Shaft Dia.	Mass R.P.	Total Mass		Shaft Dia.	Mass R.P.	Total Mass
XX-A1-2-C0K5-1600-YY	923	2000	83	1890	33	166	1860	117	246	1830	199	75	38	53.2	85.7	76	48	55.6	98.4
XX-A1-2-D0K5-1800-YY	1023	2200	92	2090	42	182	2060	133	273	2030	226	90	38	58.4	97.1	89	48	60.8	110.9
XX-A1-2-E0K5-2000-YY	1123	2400	100	2290	50	200	2260	151	300	2230	253	100	38	63.4	114.2	102	48	65.8	129.0
XX-A1-2-F0K5-2200-YY	1223	2600	109	2490	59	218	2460	169	328	2430	281	125	38	68.5	132.4	127	48	70.9	148.2
XX-A1-2-F0K5-2400-YY	1323	2800	118	2690	68	236	2660	187	356	2630	309	125	38	73.6	142.4	127	48	76.0	159.3
XX-A1-2-F0K5-2500-YY	1373	2900	123	2790	73	245	2760	196	370	2730	323	125	38	76.2	147.5	127	48	78.6	164.9
XX-A1-2-G0K5-2600-YY	1423	3000	127	2890	77	254	2860	205	384	2830	337	140	38	78.6	171.8	152	48	81.0	189.8
XX-A1-2-G0K5-2800-YY	1523	3200	136	3090	86	272	3060	223	412	3030	365	140	38	83.8	183.2	152	48	86.2	202.2
XX-A1-2-G0K5-3000-YY	1623	3400	145	3290	95	290	3260	241	440	3230	393	140	38	88.8	194.4	152	48	91.2	217.5

Note: XX-Input for: RS or HRS.

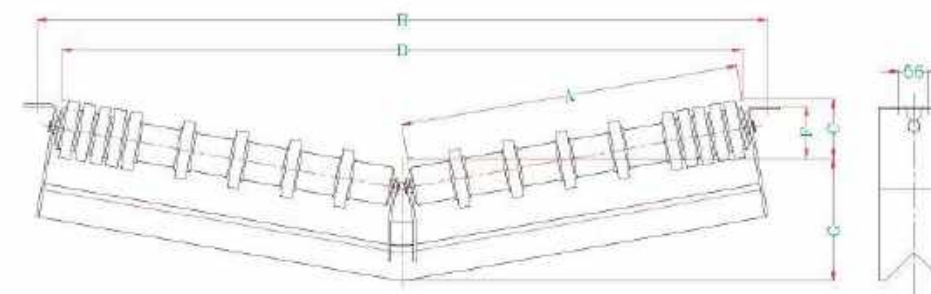
YY-Input for angle: 5°, 10°, 15°.

Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size as tabulated below.

Base Angle	G	Base Angle	G
83×63×5L	253	100×100×8L	283
75×75×6L	263	125×125×8L	303
90×90×6.5L	273	140×140×12L	323

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

Rubber Disc Vee Return Idler



SERIES RS/HRS RUBBER DISC VEE RETURN IDLER WITHOUT SPACER 127 DIAMETER

Code No.	A	B	5°			Qty. End Discs	Qty. Centre Discs	Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F						
XX-G1-2-B0K2-0900-05	470	1150	44	1010	21	5	3	64	27	12.8	23.7
XX-G1-2-B0K2-1000-05	520	1250	48	1110	25	5	3	64	27	13.4	25.5
XX-G1-2-C0K2-1050-05	540	1300	50	1160	27	5	3	76	27	13.6	29.4
XX-G1-2-C0K2-1200-05	630	1450	57	1310	34	5	4	76	27	15.7	33.3
XX-G1-2-C0K3-1350-05	705	1650	64	1460	43	5	5	76	27	17.7	37.6
XX-G1-2-C0K3-1400-05	730	1700	66	1510	45	5	5	76	27	17.9	38.7
XX-G1-2-C0K3-1500-05	780	1800	70	1610	49	6	5	76	27	19.3	41.0
XX-G1-2-C0K5-1600-05	830	2000	74	1710	57	6	6	76	27	20.8	44.8
XX-G1-2-D0K5-1800-05	930	2200	85	1910	68	6	7	89	27	22.9	52.2

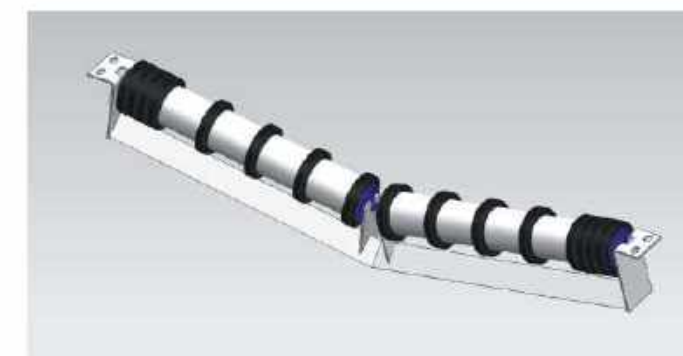
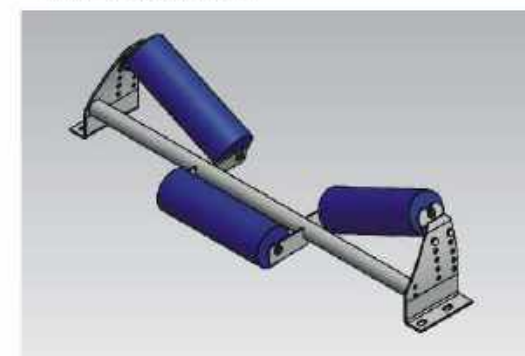
Note: XX-Input for: RS or HRS.

Base angle size nominated is normal stock standard.

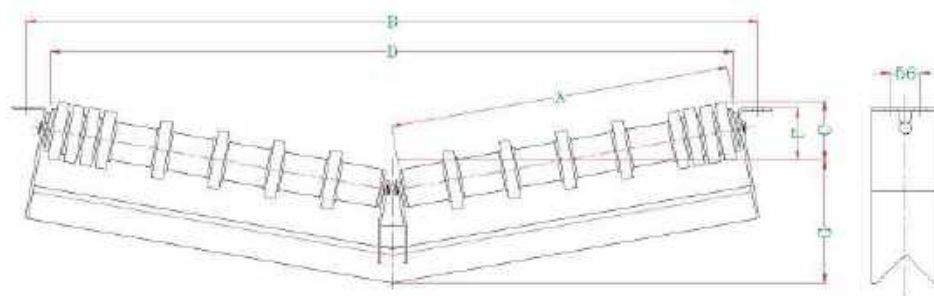
Dimension G will vary with change in base angle size.

Base Angle	G
63×63×5L	214
75×75×6L	224
90×90×9L	234
100×100×8L	244
125×125×8L	264

- Discs retained with spring clips.
- Suitable only for use up to 5 degree troughing angle.



GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS RUBBER DISC VEE RETURN IDLER WITH SPACERS 178 DIAMETER

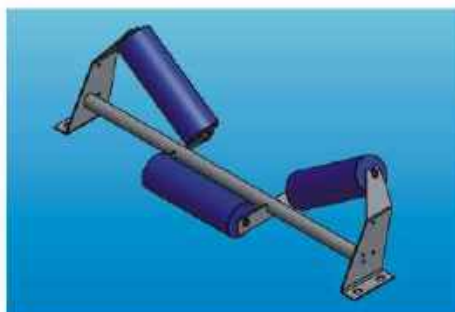
Code No.	A	B	5°			10°			15°			Qty. End Disc	Qty. Centre Disc	Base Angle Size	Shaft Dia.	Mass R.P.	Total Mass
			C	D	F	C	D	F	C	D	F						
XX-G1-2-C0K2-1200-YY	625	1450	57	1305	7	112	1262	63	166	1232	119	3	4	75	38	32.7	56.5
XX-G1-2-C0K3-1350-YY	700	1650	63	1455	15	125	1412	76	188	1384	139	3	4	75	38	35.3	62.2
XX-G1-2-C0K3-1400-YY	725	1700	65	1505	18	129	1462	80	193	1434	146	3	4	75	38	36.2	64.2
XX-G1-2-C0K3-1500-YY	775	1800	69	1605	22	139	1562	90	207	1534	160	4	4	75	38	39.3	68.7
XX-G1-2-C0K5-1600-YY	825	2000	76	1755	33	148	1664	99	220	1638	173	4	5	75	38	42.7	75.2
XX-G1-2-D0K5-1800-YY	925	2200	85	1955	42	164	1864	115	247	1838	200	4	6	90	38	47.9	86.6
XX-G1-2-E0K5-2000-YY	1025	2400	93	2155	50	182	2064	133	274	2038	227	4	6	100	38	51.3	102.1
XX-G1-2-F0K5-2200-YY	1125	2600	102	2355	59	200	2264	151	302	2238	255	4	7	125	38	56.5	120.4
XX-G1-2-F0K5-2400-YY	1225	2800	111	2555	68	218	2464	169	330	2438	283	4	7	125	38	59.9	128.7
XX-G1-2-F0K5-2500-YY	1275	2900	116	2655	73	227	2564	178	344	2538	297	4	7	125	38	61.7	133.0
XX-G1-2-G0K5-2600-YY	1325	3000	120	2755	77	236	2664	187	358	2638	311	4	8	140	38	65.1	158.3
XX-G1-2-G0K5-2800-YY	1425	3200	129	2955	86	254	2864	205	386	2838	339	4	8	140	38	68.6	168.0
XX-G1-2-G0K5-3000-YY	1525	3400	138	3155	95	272	3064	223	414	3038	367	4	9	140	38	74.7	180.3

Note: XX-input for: RS or HRS.

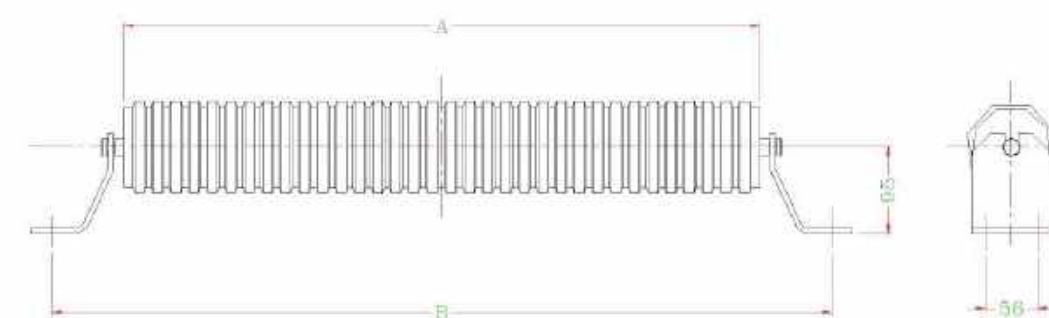
YY-Input for angle: 5°, 10°, 15°

Base angle size nominated is normal stock standard. Dimensions G will vary with change in base angle size.

Base Angle	G
63×63×5L	253
75×75×6L	263
90×90×7L	273
100×100×8L	283
125×125×8L	303
140×140×12L	323



GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.



SERIES RS/HRS FLAT IMPACT IDLER 133 DIAMETER

Code No.	A	B	No. of Discs	Shaft Dia.	M.R.P.	Total Mass
XX-B1-1-K0H2-0500-YY	580	750	23	27	9.2	14.5
XX-B1-1-K0H2-0600-YY	680	850	27	27	10.7	16.4
XX-B1-1-K0H2-0850-YY	730	900	29	27	11.5	17.4
XX-B1-1-K0H2-0750-YY	830	1000	33	27	13.0	19.4
XX-B1-1-K0H2-0800-YY	880	1050	36	27	14.0	20.6
XX-B1-1-K0H2-0900-YY	980	1150	40	27	15.5	22.6
XX-B1-1-K0H2-1000-YY	1080	1250	44	27	17.1	24.6
XX-B1-1-K0H2-1050-YY	1130	1300	46	30	17.9	25.9
XX-B1-1-K0H2-1200-YY	1280	1450	52	30	20.2	30.0
XX-B1-1-K0H3-1350-YY	1480	1650	60	33	23.3	36.0
XX-B1-1-K0H3-1400-YY	1530	1700	62	33	25.0	38.1

Note: XX-input for: RS or HRS.

SERIES RS/HRS FLAT IMPACT IDLER 159 DIAMETER

Code No.	A	B	No. of Discs	Shaft Dia.	M.R.P.	Total Mass
XX-B1-1-K0H2-0800-YY	685	850	18	38	16.0	27.4
XX-B1-1-K0H2-0650-YY	735	900	19	38	17.4	29.2
XX-B1-1-K0H2-0750-YY	835	1000	22	38	19.8	32.5
XX-B1-1-K0H2-0800-YY	885	1050	23	38	20.8	33.9
XX-B1-1-K0H2-0900-YY	985	1150	26	38	23.2	37.2
XX-B1-1-K0H2-1000-YY	1085	1250	29	38	25.7	40.6
XX-B1-1-K0H2-1050-YY	1135	1300	30	38	26.6	42.0
XX-B1-1-K0H2-1200-YY	1285	1450	34	38	30.0	46.7
XX-B1-1-K0H3-1350-YY	1485	1650	39	38	34.4	52.9
XX-B1-1-K0H3-1400-YY	1535	1700	41	38	35.8	54.7
XX-B1-1-K0H3-1500-YY	1635	1800	44	38	38.3	58.1
XX-B1-1-K0H5-1600-YY	1835	2000	49	38	42.6	64.2
XX-B1-1-K0H5-1800-YY	2035	2200	54	42	47.1	70.5

Note: XX-input for: RS or HRS.

GCS reserves the right to change dimensions and critical data at any time without any notice. Customers must ensure that they receive certified drawings from GCS prior to finalizing design details.

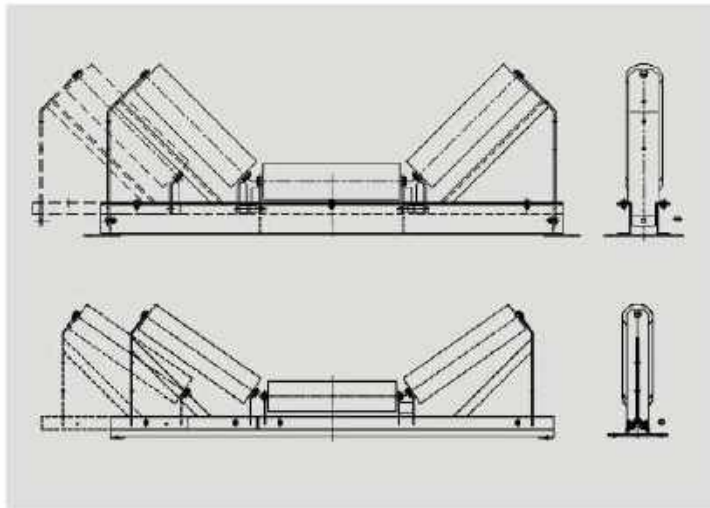
SERIES RS/HRS FLAT IMPACT IDLER 178 DIAMETER

Code No.	A	B	No. of Discs	Shaft Dia.	M.R.P.	Total Mass
XX-B1-1-K0H2-0600-YY	685	850	18	38	18.5	29.9
XX-B1-1-K0H2-0650-YY	735	900	19	38	20.1	31.9
XX-B1-1-K0H2-0750-YY	835	1000	22	38	22.9	35.6
XX-B1-1-K0H2-0800-YY	885	1050	23	38	24.0	37.1
XX-B1-1-K0H2-0900-YY	985	1150	26	38	26.8	40.8
XX-B1-1-K0H2-1000-YY	1085	1250	29	38	29.8	44.7
XX-B1-1-K0H2-1050-YY	1135	1300	30	38	30.8	46.2
XX-B1-1-K0H2-1200-YY	1285	1450	34	38	34.8	51.5
XX-B1-1-K0H3-1350-YY	1485	1650	39	38	39.9	58.4
XX-B1-1-K0H3-1400-YY	1535	1700	41	38	41.5	60.4
XX-B1-1-K0H3-1500-YY	1635	1800	44	38	44.5	64.3
XX-B1-1-K0H5-1600-YY	1835	2000	49	38	49.5	71.1
XX-B1-1-K0H5-1800-YY	2035	2200	54	42	54.6	78.0

Note: XX-input for: RS or HRS.

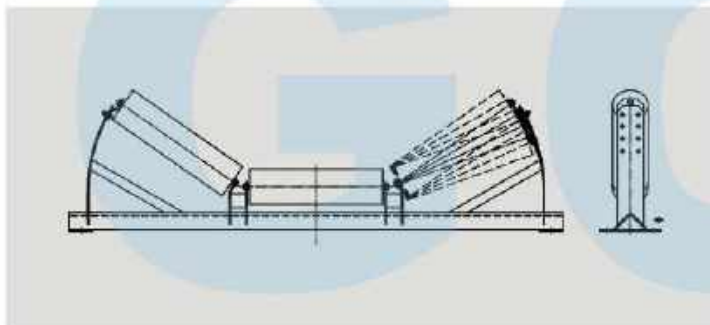


Extended Idler Assembly Range



Retractable Idlers

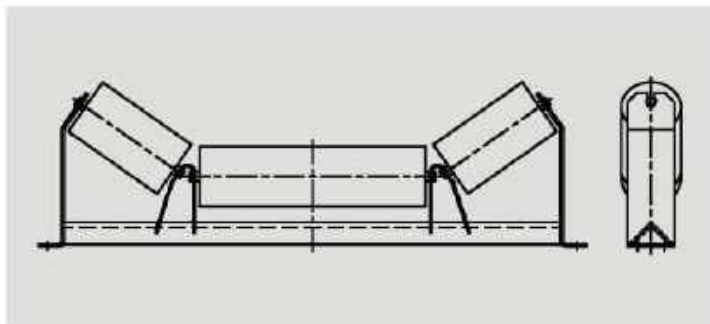
- For Trough & Impact Idlers
- Facilitate changing rollers easily.
- Maintain correct idler alignment at all times.



Adjustable Trough Idlers

- Angle adjustment in the transition zone at head or tail ends of conveyors.
- Available in 3 ranges:
5° -20°
15° -30°
30° -45°

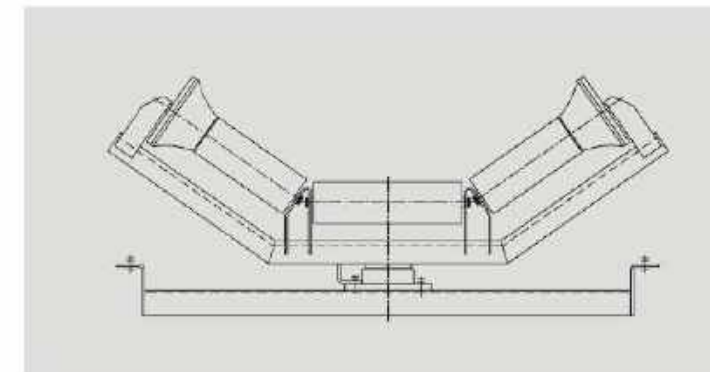
NOTE: Disc rollers in wing positions not recommended for transition zones.



Picking Idlers

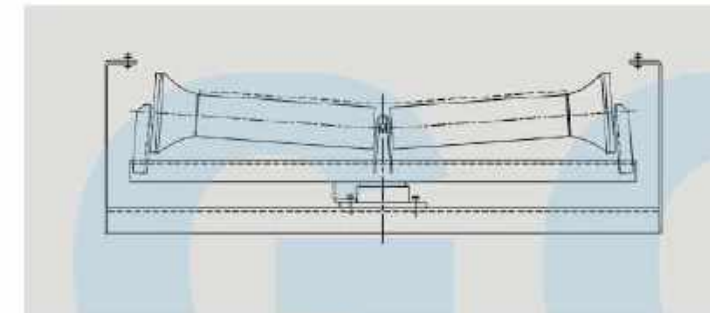
- For all ranges.

BELT TRAINING IDLERS

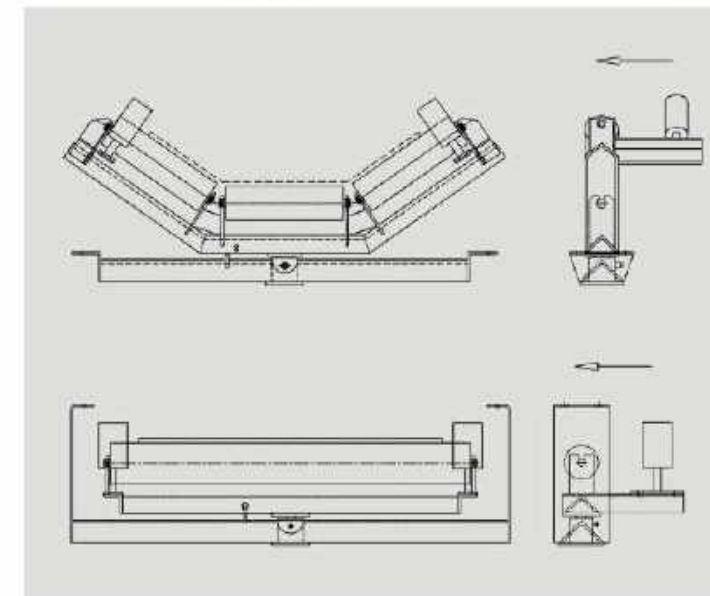


Trough Self-Aligning Idlers

- Available for all series and trough angles.



Return Self-Aligning Idlers



Guided Self-Aligning Idlers

- Available for trough and return idler

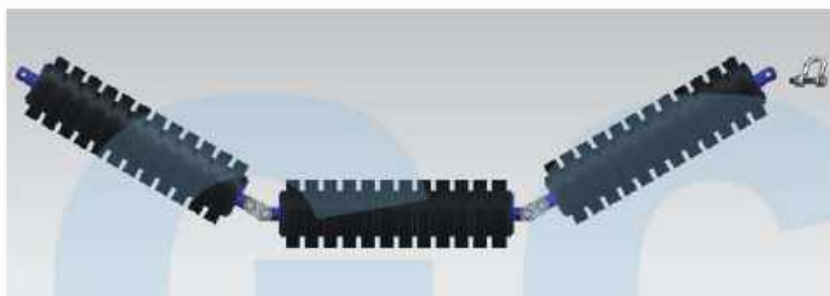
SUSPENDED IDLERS

All series idlers shown in this catalogue are available in suspended configurations as indicated in the following pages.

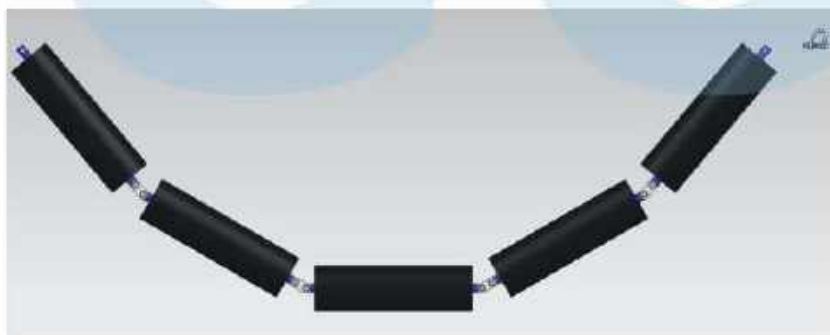
For dimensional details re dimensions and load charts, please refer to our separate catalogue.



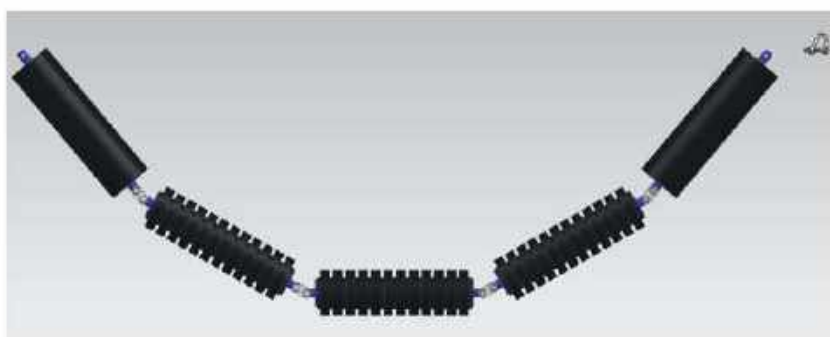
3 Roll Suspended Trough Idlers



3 Roll Suspended Trough Impact Idlers



5 Roll Suspended Trough Idlers



5 Roll Suspended Trough Impact Idlers

SUSPENDED IDLERS

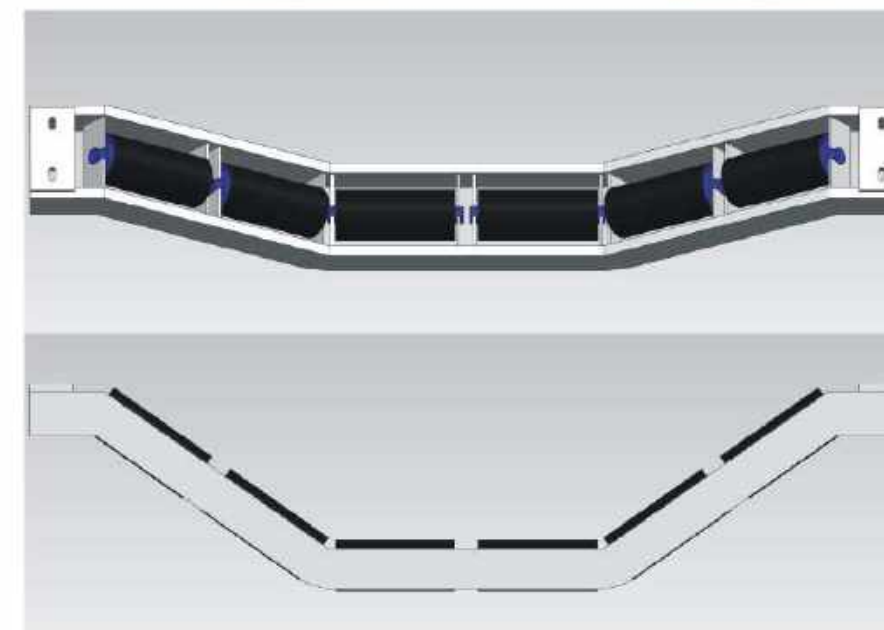


2 Roll Suspended Vee Return



2 Roll Suspended Rubber Disc Vee Return

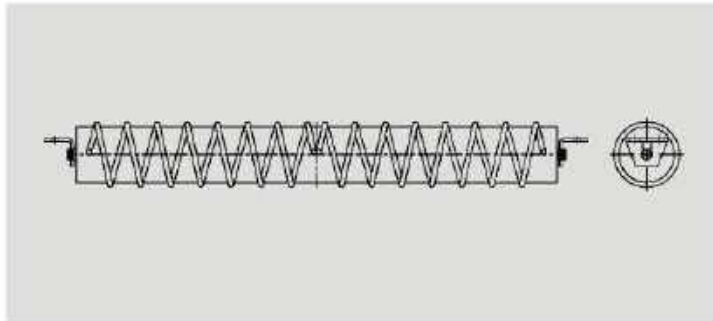
- Also available with polyurethane discs.
- Spacers and circlips required for applications in excess of 5 degree troughing angle.



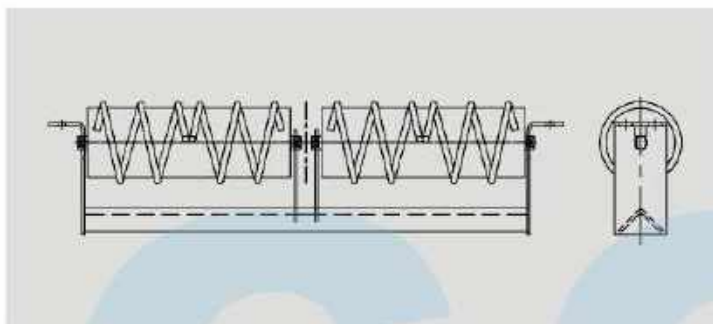
Rigid Suspended Trough Idlers

- Used mainly on mobile equipment, telescopic conveyors or belt pick-up tables where vertical clearance is limited.
- Available for all series and trough angles with Plain or Impact Rollers.

Spiral Idlers



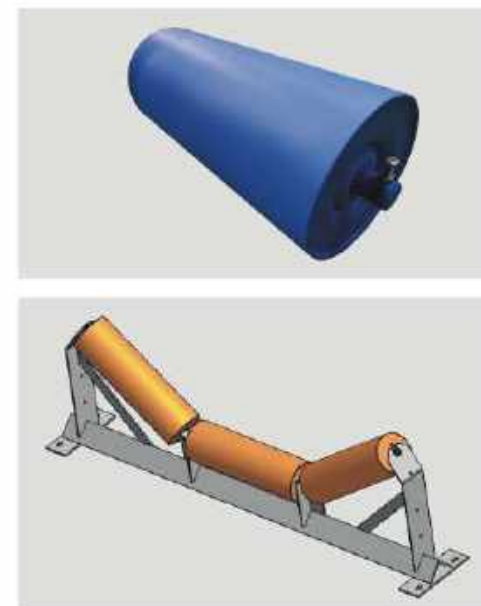
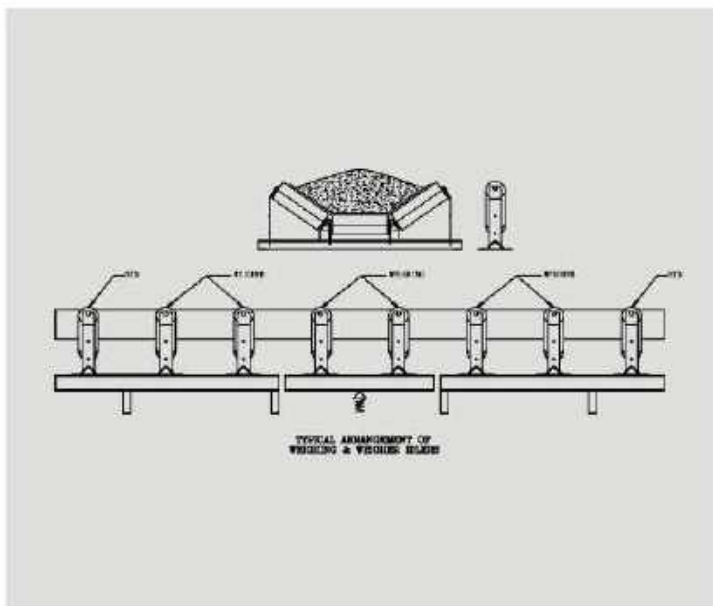
Spiral Belt Cleaning Idler



2-Roll Spiral Belt Cleaning Idler

Weigher and Weighing Idlers

- Available in all series and trough angles.



Belt Conveyor Pulley



Belt cleaner

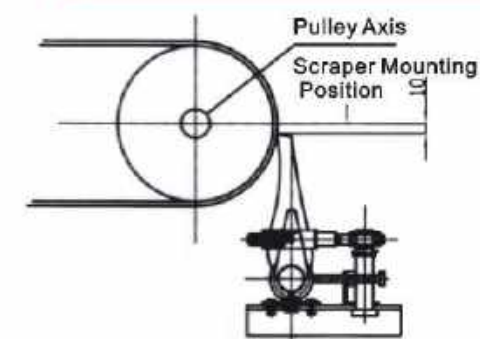


Figure 1

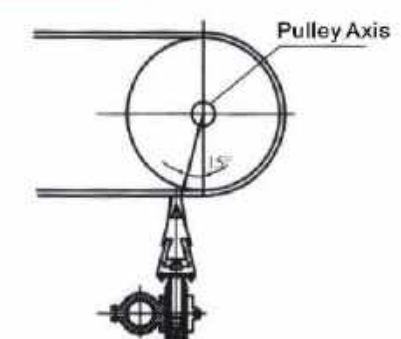


Figure 2



Figure 2

