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Kilomega

CONVEYOR ROLLER SERIES

CONVEYOR & CRUSHER & SCREENING & TRANSMISSION

NINGBO KILOMEGA INTERNATIONAL TRADE CO., LTD

CREATE
BENEFIT
SHARE

KILOGEMA

VISION FOR COOPERATION

Ningbo Kilomega International Trade Co.,Ltd is specialized in exporting Mining, Crusher Plants and rent contract production line. We export full range of mine crusher machinery and spare parts, including crushers, belt conveyor, gear boxes, electronic motors, screen mesh, conveyor belts and relative accessories.

Based on the understanding of the whole industry to allow us to better assist customers for suitable product (Selected product).

*Perfect testing equipment and 100% inspection at factory (Quality guarantee).Excellent technical team can ensure selected products meet our requirements that customers are satisfied with various complex usage situations

All the time, we adhere to taking "provide good quality and service which exceed customer expectations" as our own duty, We seek truth from facts, seriously concentrate on each customer's actual requirements and supply perfect solution for them in order to realizing mutually-beneficial and win-win cooperation.

Creating value for customers is our value! No matter how intense the competition will be, we will ensure our product quality, adhere to our most fundamental values and provide high quality product and impeccable service for customer in order to remain invincible in mining machinery industry.



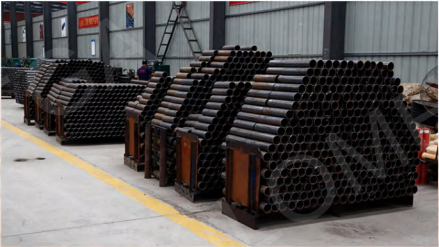
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» Factory Scene



PRODUCTION WORKSHOP



» OUR PRODUCT



Offset Idler set



Idler Idler Set



Inline Idler Set



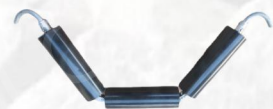
Inline Idler Set



Impact roller set



Self Trainers set



Garlands



Flat belt Idler set



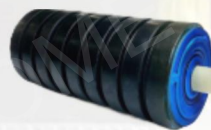
V-type return roller set



Comb-type cleaning roller



Spiral cleaning roller



Impact roller



HDPE roller



HDPE roller



Guide roller



Conveyor drum

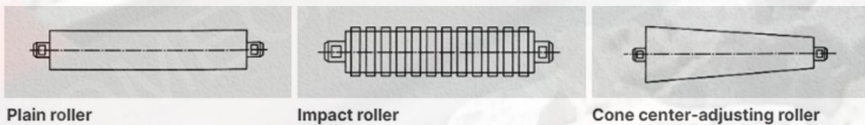
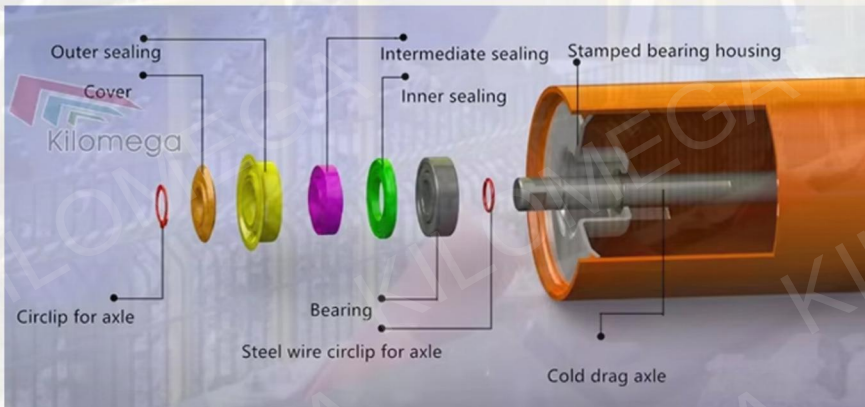


drum&bearing



Centre rollers

» ROLLER APPLICATION



Our production links are strictly controlled one by one to ensure that the quality of each step of production is the highest.

Our roller has Minimal rotating inertia, reliable tightness, flexible rotating, simple dismounting, easy maintained, long operational life, etc.



QUALITY CONTROL



Steel pipe:

Using roller special welding pipe, above 3.5mm using roller special seamless pipe. The wall thickness is from 2.0 mm to 5.0 mm. And the ellipticity mm from 0.25mm to 0.4mm. The Radial runout rate is from 0.5-0.7mm

Shaft:

The shaft is a smooth shaft. The roughness is 0.8 um, the diameter is 0.01 mm larger than the inner diameter of the bearing, and the interference fit ensures the shaft displacement and shaft load.



Bearing House:

The bearing house adopts the national standard drawing size and the technical processing. 2.0-5.0 mm thicknesses can be customized.

Seal:

The seal is DT-II GB 7 seals, of which 4 are p0m, 3 pieces of iron, and 2/3 of the Great Wall grease is injected in the middle, which can effectively play the role of dustproof and waterproof



Bearing:

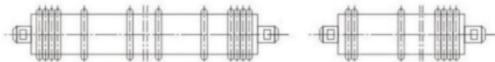
Bearing structure smooth, fine fiber, with high cleanliness. Grease ensures long-term lubrication of bearings, clearance is c3 difference, noise is 33 to 38 decibels. Dustproof and waterproof, flexible, small rotation resistance.

Surface Treatment:

Powder Coated, Spray Paint, Galvanized



» ROLLER SPECIFICATIONS

梳形清扫托辊 Comb-type cleaning roller			
托辊直径mm Roller diameter	托辊长度（管长）mm Roller length(tube length)	轴承号 Bearing Number	
89	315、380、465、600、750、950、1150	204	
108	315、380、465、600、700、750、790、950、1150、1400、1600	205	
133	465、600、700、750、790、800、900、950、4000、1100、1150、1400、1600、1800、2000、2200	305、306	
159	600、700、790、800、900、950、1000、1050、1100、1120、1150、1250、1400、1500、1700、1800、1200、2200、2500、2800、3000、3150	306、308	
193.7	1100、1120、1150、1250、1400、1500、1600、1700、2200、2500、2800、3000、3150	308	
219	2200、2500、2800、3000、3150	310	

螺旋清扫托辊 Spiral cleaning roller			
托辊直径mm Roller diameter	托辊长度（管长）mm Roller length(tube length)	轴承号 Bearing Number	
108	1150	204	
133	900、1000、1100、1150、1400、1600、1800、2000、2200	205、305、306	
159	900、1000、1100、1150、1250、1400、1500、1600、1700、1800、2000、2200、2500、2800、3000、3150	306、308	
193.7	1100、1250、1400、1500、1600、1700、2200、2500、2800、3000、3150、3350	308、310	
219	1600、1700、3150、3350	308、310	

摩擦调心托辊 Friction adjusting roller				
摩擦下调心托辊	摩擦下调心托辊	摩擦上、下调心托辊	摩擦上、下调心托辊	
辊径×辊长×辊全长-轴承号	辊径×辊长×辊全长-轴承号	辊径×辊长×辊全长-轴承号	辊径×辊长×辊全长-轴承号	
89×500×674-204	108×1400×1630-305	89×135×230-204	89×500×690-204	
108×500×674-204	133×1400×1630-305	89×185×280-204	89×650×840-204	
89×650×834-204	159×1400×1630-305	89×228×323-204	89×800×900-305	
108×650×834-204	133×760×870-406	108×252×342-205	108×1000×1226-306	
89×800×974-204	159×760×870-407	108×295×405-305		
108×800×974-204	193.7×760×870-407	133×302×412-305		
108×1000×1190-305	133×860×970-406	89×228×323-204		
133×1000×1190-305	159×860×970-407	89×303×398-204		

平托辊 Plain roller			
托辊直径mm Roller diameter	托辊长度（管长）mm Roller length(tube length)	轴承号 Bearing Number	
89	180、190、200、235、240、250、275、280、305、315、350、375、380、455、465、600、750、950、1150	204	
108	190、200、240、250、305、315、360、375、380、455、465、525、530、600、700、750、790、800、950、1150、1400、1600	204、205、305、306	
133	305、375、380、455、465、525、530、600、670、700、750、790、800、900、950、1000、1100、1150、1400、1600、1800、2000、2200	205、305、306	
159	375、380、455、465、525、530、600、700、750、790、800、900、1000、1050、1100、1120、1150、1250、1400、1500、1600、1700、1800、2000、2200、2500、2800、3000、3150	305、306、308	
193.7	2200、2500、2800、3000、3150、3350	308、310	
219	600、640、1050、1120、1600、1700、3150、3350	308、310	

缓冲托辊 Impact roller			
托辊直径mm Roller diameter	托辊长度（管长）mm Roller length(tube length)	轴承号 Bearing Number	
89	190、200、230、240、280、305、315、375、380、455、465、600、750、950、1150	204	
108	190、200、240、250、305、315、375、380、455、465、525、600、700、750、800、950、1150、1400	205	
133	305、350、375、380、455、465、525、530、600、700、790、800、950、1150、1400、1600	305	
159	375、380、455、465、525、530、600、640、670、700、750、790、800、900、950、1050、1120、1150、1400、1600	306、308	
193.7	600、640、750、800、900、950、1050、1120	305	
219	600、640、1050、1120	308、310	

锥形调心托辊 Cone center-adjusting roller			
中托辊直径 mm Roller middle part diameter	小头直径×大头直径×管长 mm Small part diameter x big part diameter x tube length	轴承号 Bearing Number	
89	89X133X340	204	
108	89X133X340、108X159X415、108X176X500、108X176X550	205、305、306	
133	108X159X415、108X176X500、108X176X550	305、306	
159	133X194X500、133X194X550	305、306	
	108X159X445、108X176X560、108X194X680、108X194X680	305、306	

>> ROLLER FRAME



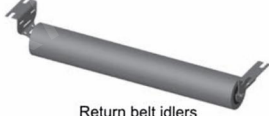
Equal troughing idlers



Self-aligning idlers



CB504 Series idlers



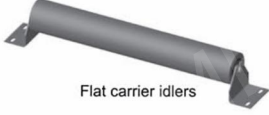
Return belt idlers



Self-aligning return idlers



40 Series idlers



Flat carrier idlers



Offset center roll idlers



Garland idlers



Impact idlers



Feeder / picking idlers



Live shaft rollers



Rubber cushion return idlers



Unequal troughing idlers



Beater rollers



Rubber cushion flat carriers



Channel mount low profile idlers



Side guide idlers

Stub roll idlers

C6 - 35 E - 30

- 1. CEMA Rating
- 2. Roll Diameter
- 3. Troughing Angle
- 4. Idler Type Letter
- 5. Belt Width

- E Troughing Idler Equal Length Rolls
- EA.....Self-Aligning Troughing Idler
- EI Rubber Cushion Troughing Idler
- GO.....Offset Troughing Idler
- U.....Troughing Idler Unequal Length Rolls
- P Feeder / Picking Idler
- RET Return Idler
- FLT Flat Carrier Idler
- RETA Return Self-Aligning Idler
- RET1 Return Rubber Cushion Idler
- FLT1 Flat Carrier Rubber Cushion Idler
- CM.....Low-Profi

Pallet Loads

Returns

Roller Diameter	Pieces/Pallet
4"	34 max
5"	21 max
6"	18 max

CEMA B Idlers

Roller Diameter	Idlers/Row	Number of Rows	Pieces/Pallet
4"	11	2 rows	22 max
5"	9	2 rows	18 max

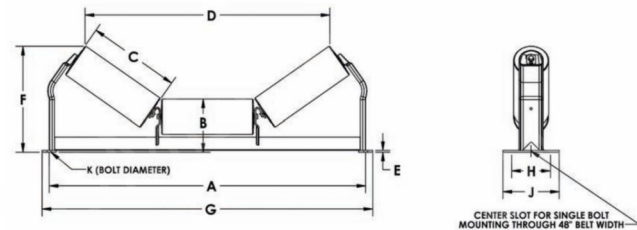
Other Products

Product	Pieces/Pallet
Picking Idlers	Standard
Channel Mounts	20 max
Self Aligners (EA)	2 max
Self Aligners (RETA)	3 max
Bi-Directional	3 max
Off Set Idlers (GO)	7 max

CEMA C Idlers

Roller Diameter	Idlers/Row	Number of Rows	Pieces/Pallet
4"	11	Up to 36" BW = 4 rows	44 max
		42"- 48" BW = 3 rows	33 max
5"	9	Up to 36" BW = 4 rows	36 max
		42" BW = 3 rows	27 max
		48" BW = 2 rows	18 max
6"	7	54" BW & up = 1 row	8 max
		Up to 30" BW = 2 rows	14 max
		36" BW & up = 1 row	7 max

>> TROUGHING IDLERS (EQUAL LENGTH ROLLERS) – 4" & 5" DIAMETER



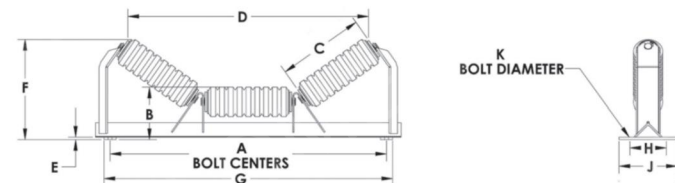
	PART NUMBER		BW*	A	B		C	D		E	F		G	H***	J	K	WT	
	4"	5"			4"	5"		4"	5"		4"	5"						
20°	B4-20E-14	B5-20E-14	14	23	7	7 1/2	6 1/16	17 11/16	17 1/4	3/16	9	9 3/8	25	6	8	1/2	24	28
	B4-20E-16	B5-20E-16	16	25	7	7 1/2	6 1/16	17 11/16	17 1/4	3/16	9	9 3/8	27	6	8	1/2	25	30
	B4-20E-18	B5-20E-18	18	27	7	7 1/2	7 1/16	21 1/16	20 3/4	3/16	9 3/8	9 1/2	29	6	8	1/2	26	32
	B4-20E-20	B5-20E-20	20	29	7	7 1/2	7 11/16	22 7/8	22 9/16	3/16	9 5/8	10 1/16	31	6	8	1/2	29	34
	B4-20E-24	B5-20E-24	24	33	7	7 1/2	9 1/16	27 3/8	27 1/16	3/16	10 1/16	10 5/8	35	6	8	1/2	31	39
	B4-20E-30	B5-20E-30	30	39	7	7 1/2	11 1/16	33 11/16	33 5/16	3/16	10 15/16	11 3/8	41	6	8	1/2	39	48
	B4-20E-36	B5-20E-36	36	45	7	7 1/2	13 1/16	39 3/4	39 7/16	3/16	11 5/8	12 1/8	47	6	8	1/2	45	55
	B4-20E-42	B5-20E-42	42	51	7 1/2	8	15 1/16	45 9/16	45 1/4	1/4	12 11/16	13 1/8	53	7 1/2	9 1/2	5/8	57	72
35°	B4-20E-48	B5-20E-48	48	57	7 1/2	8	17 1/16	51 11/16	51 5/16	1/4	13 3/8	13 7/8	59	7 1/2	9 1/2	5/8	64	80
	B4-35E-18	B5-35E-18	18	27	7	7 1/2	7 1/16	19 5/16	18 11/16	3/16	11	11 7/16	29	6	8	1/2	28	34
	B4-35E-20	B5-35E-20	20	29	7	7 1/2	7 11/16	20 15/16	20 3/8	3/16	11 3/8	11 13/16	31	6	8	1/2	30	37
	B4-35E-24	B5-35E-24	24	33	7	7 1/2	9 1/16	25 1/16	24 1/2	3/16	12 5/16	12 11/16	35	6	8	1/2	34	41
	B4-35E-30	B5-35E-30	30	39	7	7 1/2	11 1/16	30 13/16	30 1/4	3/16	13 9/16	14	41	6	8	1/2	42	51
	B4-35E-36	B5-35E-36	36	45	7	7 1/2	13 1/16	36 7/16	35 7/8	3/16	14 13/16	15 3/16	47	6	8	1/2	48	58
	B4-35E-42	B5-35E-42	42	51	7 1/2	8	15 1/16	41 11/16	41 1/4	1/4	16 3/8	16 13/16	53	7 1/2	9 1/2	5/8	61	73
	B4-35E-48	B5-35E-48	48	57	7 1/2	8	17 1/16	47 5/16	46 5/16	1/4	17 5/8	18	59	7 1/2	9 1/2	5/8	68	81
45°	B4-45E-18	B5-45E-18	18	27	7	7 1/2	7 1/16	18	17 5/16	3/16	12 1/16	12 7/16	29	6	8	1/2	30	35
	B4-45E-20	B5-45E-20	20	29	7	7 1/2	7 11/16	19 1/2	18 13/16	3/16	12 1/2	12 13/16	31	6	8	1/2	31	38
	B4-45E-24	B5-45E-24	24	33	7	7 1/2	9 1/16	23 5/16	22 9/16	3/16	13 9/16	13 15/16	35	6	8	1/2	35	44
	B4-45E-30	B5-45E-30	30	39	7	7 1/2	11 1/16	28 9/16	27 7/8	3/16	15 3/16	15 1/2	41	6	8	1/2	43	52
	B4-45E-36	B5-45E-36	36	45	7	7 1/2	13 1/16	33 11/16	33	3/16	16 11/16	17	47	6	8	1/2	50	60
	B4-45E-42	B5-45E-42	42	51	7 1/2	8	15 1/16	38 1/2	37 13/16	1/4	18 9/16	18 7/8	53	7 1/2	9 1/2	5/8	62	75
	B4-45E-48	B5-45E-48	48	57	7 1/2	8	17 1/16	43 5/8	42 15/16	1/4	19 9/16	20 3/8	59	7 1/2	9 1/2	5/8	71	82

* Belt Width

*** Recommended Bolting Pattern - See page 63 for maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

RUBBER CUSHION IMPACT TROUGHING IDLERS – 4" & 5" DIAMETER



	PART NUMBER		BW*	A	B		C	D		E	F		G	H***	J	K	WT	
	4"	5"			4"	5"		4"	5"		4"	5"					4"	5"
20°	B4-20EI-18	B5-20EI-18	18	27	7	7 1/2	7 1/16	20 9/16	20 1/4	1/4	9 1/4	9 3/8	29	6	8	1/2	34	41
	B4-20EI-20	B5-20EI-20	20	29	7	7 1/2	7 11/16	22 3/8	22 1/16	1/4	9 1/2	9 15/16	31	6	8	1/2	35	42
	B4-20EI-24	B5-20EI-24	24	33	7	7 1/2	9 1/16	26 7/8	26 9/16	1/4	9 15/16	10 1/2	35	6	8	1/2	42	50
	B4-20EI-30	B5-20EI-30	30	39	7	7 1/2	11 1/16	33 3/16	32 13/16	1/4	10 13/16	11 1/4	41	6	8	1/2	53	61
	B4-20EI-36	B5-20EI-36	36	45	7	7 1/2	13 1/16	39 1/4	38 15/16	1/4	11 1/2	12	47	6	8	1/2	69	76
	B4-20EI-42	B5-20EI-42	42	51	7 1/2	8	15 1/16	45 1/16	44 3/4	5/16	12 9/16	13	53	7 1/2	9 1/2	5/8	88	97
	B4-20EI-48	B5-20EI-48	48	57	7 1/2	8	17 1/16	51 3/16	50 13/16	5/16	13 1/4	13 3/4	59	7 1/2	9 1/2	5/8	101	108
35°	B4-35EI-18	B5-35EI-18	18	27	7	7 1/2	7 1/16	18 15/16	18 5/16	1/4	10 7/8	11 5/16	29	6	8	1/2	36	43
	B4-35EI-20	B5-35EI-20	20	29	7	7 1/2	7 11/16	20 9/16	20	1/4	11 1/4	11 11/16	31	6	8	1/2	37	44
	B4-35EI-24	B5-35EI-24	24	33	7	7 1/2	9 1/16	24 11/16	24 1/8	1/4	12 3/16	12 9/16	35	6	8	1/2	44	52
	B4-35EI-30	B5-35EI-30	30	39	7	7 1/2	11 1/16	30 7/16	29 7/8	1/4	13 7/16	13 7/8	41	6	8	1/2	55	63
	B4-35EI-36	B5-35EI-36	36	45	7	7 1/2	13 1/16	36 1/16	35 1/2	1/4	14 11/16	15 1/16	47	6	8	1/2	71	78
	B4-35EI-42	B5-35EI-42	42	51	7 1/2	8	15 1/16	41 5/16	40 3/4	5/16	16 1/4	16 11/16	53	7 1/2	9 1/2	5/8	90	99
	B4-35EI-48	B5-35EI-48	48	57	7 1/2	8	17 1/16	46 15/16	46 3/8	5/16	17 1/2	17 7/8	59	7 1/2	9 1/2	5/8	103	110
45°	B4-45EI-18	B5-45EI-18	18	27	7	7 1/2	7 1/16	17 5/8	16 15/16	1/4	11 7/8	12 11/16	29	6	8	1/2	39	43
	B4-45EI-20	B5-45EI-20	20	29	7	7 1/2	7 11/16	19 1/8	18 7/16	1/4	12 5/16	12 5/8	31	6	8	1/2	38	45
	B4-45EI-24	B5-45EI-24	24	33	7	7 1/2	9 1/16	22 15/16	22 3/16	1/4	13 3/8	13 3/4	35	6	8	1/2	46	54
	B4-45EI-30	B5-45EI-30	30	39	7	7 1/2	11 1/16	27 15/16	27 1/2	1/4	15	15 5/16	41	6	8	1/2	57	65
	B4-45EI-36	B5-45EI-36	36	45	7	7 1/2	13 1/16	33 5/16	32 5/8	1/4	16 1/2	16 13/16	47	6	8	1/2	73	81
	B4-45EI-42	B5-45EI-42	42	51	7 1/2	8	15 1/16	38 1/8	37 7/16	5/16	18 3/8	18 11/16	53	7 1/2	9 1/2	5/8	92	101
	B4-45EI-48	B5-45EI-48	48	57	7 1/2	8	17 1/16	43 1/4	42 9/16	5/16	19 3/8	20 3/16	59	7 1/2	9 1/2	5/8	105	112

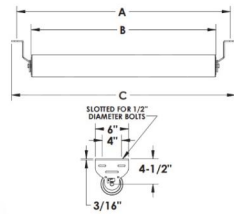
* Belt Width (Reinforcing on 36" BW - 48" BW Impact Frame.)

*** Recommended Bolting Pattern - See page 63 for maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

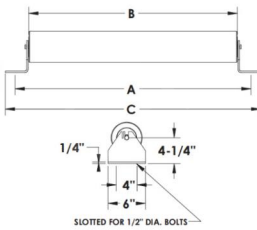
RETURN IDLERS – 4" & 5" DIAMETER

PART NUMBER		BW*	A	B	C	WEIGHT	
4"	5"					4"	5"
B4-RET-14	B5-RET-14	14	23	17 5/16	24 1/2	16	19
B4-RET-16	B5-RET-16	16	25	19 5/16	26 1/2	17	21
B4-RET-18	B5-RET-18	18	27	21 5/16	28 1/2	18	23
B4-RET-20	B5-RET-20	20	29	23 5/16	30 1/2	19	24
B4-RET-24	B5-RET-24	24	33	27 5/16	34 1/2	22	27
B4-RET-30	B5-RET-30	30	39	33 5/16	40 1/2	24	32
B4-RET-36	B5-RET-36	36	45	39 5/16	46 1/2	29	36
B4-RET-42	B5-RET-42	42	51	45 5/16	52 1/2	34	41
B4-RET-48	B5-RET-48	48	57	51 5/16	58 1/2	36	44



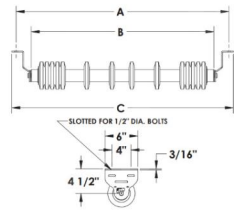
FLAT IDLERS – 4" & 5" DIAMETER

PART NUMBER		BW*	A	B	C	WEIGHT	
4"	5"					4"	5"
B4-FLT-14	B5-FLT-14	14	23	17 5/16	24 15/16	16	19
B4-FLT-16	B5-FLT-16	16	25	19 5/16	26 15/16	17	21
B4-FLT-18	B5-FLT-18	18	27	21 5/16	28 15/16	18	23
B4-FLT-20	B5-FLT-20	20	29	23 5/16	30 15/16	19	24
B4-FLT-24	B5-FLT-24	24	33	27 5/16	34 15/16	21	28
B4-FLT-30	B5-FLT-30	30	39	33 5/16	40 15/16	25	32
B4-FLT-36	B5-FLT-36	36	45	39 5/16	46 15/16	28	37
B4-FLT-42	B5-FLT-42	42	51	45 5/16	52 15/16	31	41
B4-FLT-48	B5-FLT-48	48	57	51 5/16	58 15/16	34	46



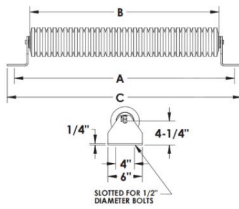
RUBBER CUSHION RETURN IDLERS 4" & 5" DIAMETER

PART NUMBER		BW*	A	B	C	WT**	
4"	5"					4"	5"
B4-RETI-18	B5-RETI-18	18	27	21 7/16	28 7/16	21	26
B4-RETI-24	B5-RETI-24	24	33	27 7/16	34 7/16	24	30
B4-RETI-30	B5-RETI-30	30	39	33 7/16	40 7/16	27	35
B4-RETI-36	B5-RETI-36	36	45	39 7/16	46 7/16	33	39
B4-RETI-42	B5-RETI-42	42	51	45 7/16	52 7/16	35	42
B4-RETI-48	B5-RETI-48	48	57	51 7/16	58 7/16	37	48

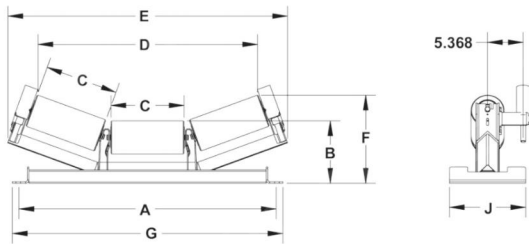


RUBBER CUSHION FLAT IDLERS 4" & 5" DIAMETER

PART NUMBER		BW*	A	B	C	WT**	
4"	5"					4"	5"
B4-FLTI-18	B5-FLTI-18	18	27	21 7/16	28 15/16	23	28
B4-FLTI-24	B5-FLTI-24	24	33	27 7/16	34 15/16	30	34
B4-FLTI-30	B5-FLTI-30	30	39	33 7/16	40 15/16	35	40
B4-FLTI-36	B5-FLTI-36	36	45	39 7/16	46 15/16	41	46
B4-FLTI-42	B5-FLTI-42	42	51	45 7/16	52 15/16	46	51
B4-FLTI-48	B5-FLTI-48	48	57	51 7/16	58 15/16	52	58

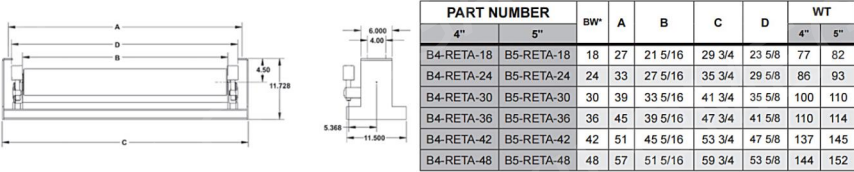


SELF-ALIGNING TROUGHING IDLERS – 4" & 5" DIAMETER



	PART NUMBER		BW*	A	B		C	D		E	F		G	H	J	K	WT	
	4"	5"			4"	5"		4"	5"		4"	5"					4"	5"
20°	B4-20EA-18	B5-20EA-18	18	27	8 7/8	9 3/8	7 1/16	21 15/16	21 5/8	30 5/8	11 7/16	11 7/8	28 7/8	6	11 1/2	5/8	52	61
	B4-20EA-24	B5-20EA-24	24	33	8 7/8	9 3/8	9 1/16	27 11/16	27 3/8	36 3/8	12 1/8	12 9/16	34 7/8	6	11 1/2	5/8	70	76
	B4-20EA-30	B5-20EA-30	30	39	8 15/16	9 7/16	11 1/16	33 7/16	33 1/8	42 3/16	12 7/8	13 5/16	40 7/8	6	11 1/2	5/8	92	95
	B4-20EA-36	B5-20EA-36	36	45	8 15/16	9 7/16	13 1/16	39 3/16	38 7/8	47 15/16	13 9/16	14	46 7/8	6	11 1/2	5/8	97	100
35°	B4-20EA-42	B5-20EA-42	42	51	9 5/16	9 13/16	15 1/16	44 15/16	44 5/8	53 15/16	14 5/8	15 1/16	52 7/8	6	11 1/2	5/8	118	127
	B4-20EA-48	B5-20EA-48	48	57	9 5/16	9 13/16	17 1/16	50 11/16	50 3/8	59 1/16	15 5/16	15 3/4	58 7/8	6	11 1/2	5/8	150	161
	B4-35EA-18	B5-35EA-18	18	27	8 7/8	9 3/8	7 1/16	19 5/16	18 11/16	32 13/16	12 15/16	13 1/2	28 7/8	6	11 1/2	5/8	53	62
	B4-35EA-24	B5-35EA-24	24	33	8 7/8	9 3/8	9 1/16	25 1/16	24 1/2	38 3/16	14 1/8	14 11/16	34 7/8	6	11 1/2	5/8	71	77
45°	B4-35EA-30	B5-35EA-30	30	39	8 15/16	9 7/16	11 1/16	30 13/16	30 1/4	44 3/16	15 5/16	15 7/8	40 7/8	6	11 1/2	5/8	94	97
	B4-35EA-36	B5-35EA-36	36	45	8 15/16	9 7/16	13 1/16	36 7/16	35 7/8	48 15/16	16 7/16	17	46 7/8	6	11 1/2	5/8	99	102
	B4-35EA-42	B5-35EA-42	42	51	9 5/16	9 13/16	15 1/16	41 11/16	41 1/4	55	17 15/16	18 1/2	52 7/8	6	11 1/2	5/8	121	128
	B4-35EA-48	B5-35EA-48	48	57	9 5/16	9 13/16	17 1/16	47 5/16	56 5/16	60 5/8	19 1/8	19 11/16	58 7/8	6	11 1/2	5/8	153	162
45°	B4-45EA-18	B5-45EA-18	18	27	8 7/8	9 3/8	7 1/16	18	17 15/16	31 11/16	14 1/8	14 1/2	28 7/8	6	11 1/2	5/8	54	63
	B4-45EA-24	B5-45EA-24	24	33	8 7/8	9 3/8	9 1/16	23 5/16	22 9/16	36 13/16	15 9/16	15 15/16	34 7/8	6	11 1/2	5/8	72	78
	B4-45EA-30	B5-45EA-30	30	39	8 15/16	9 7/16	11 1/16	28 9/16	27 7/8	43 5/16	17	17 3/8	40 7/8	6	11 1/2	5/8	100	99
	B4-45EA-36	B5-45EA-36	36	45	8 15/16	9 7/16	13 1/16	33 11/16	33	49 11/16	18 3/8	18 3/4	46 7/8	6	11 1/2	5/8	104	104
45°	B4-45EA-42	B5-45EA-42	42	51	9 5/16	9 13/16	15 1/16	38 1/2	37 13/16	54	20 3/16	20 9/16	52 7/8	6	11 1/2	5/8	124	129

SELF-ALIGNING RETURN IDLERS 4" & 5" DIAMETER

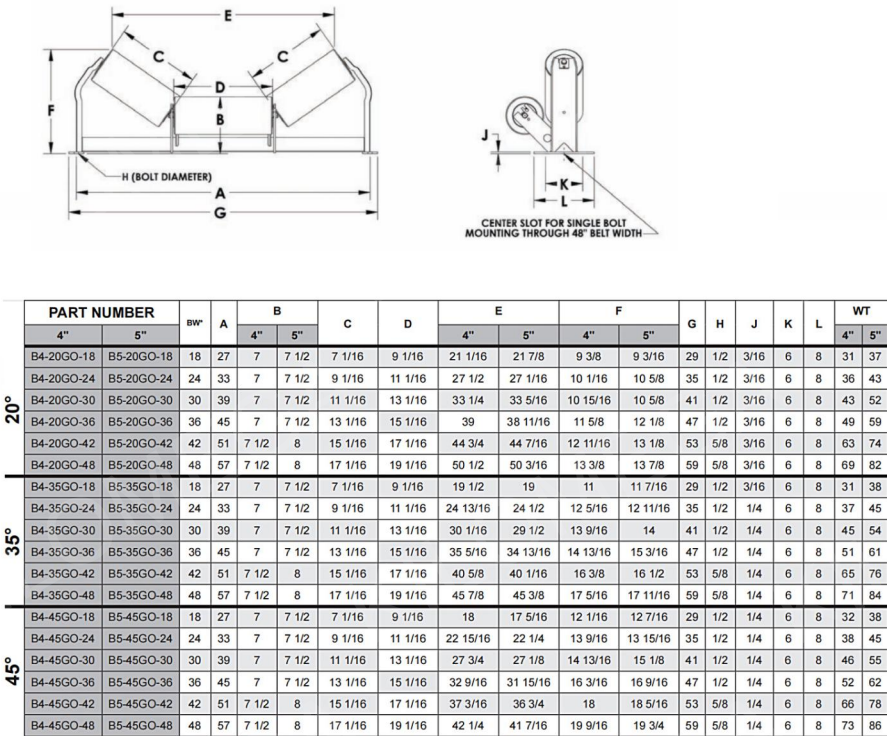


* Belt Width / ** Also available in Bi-Directional. Designated by (BA).

Individual bracket weights are listed on page 62 and 63.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

>> OFFSET CENTER ROLL IDLERS – 4" & 5" DIAMETER

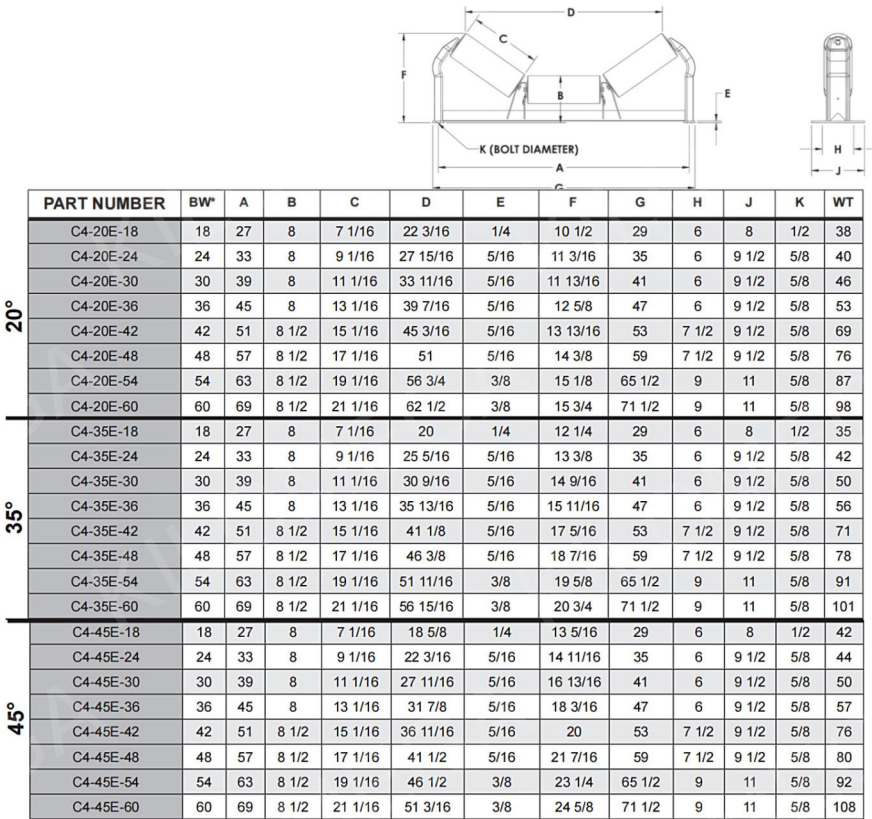


* Belt Width

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

TROUGHING IDLERS (EQUAL LENGTH ROLLERS) – 4" DIAMETER

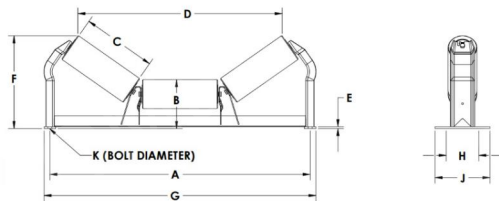


* Belt Width

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

>> TROUGHING IDLERS (EQUAL LENGTH ROLLERS) – 5" DIAMETER



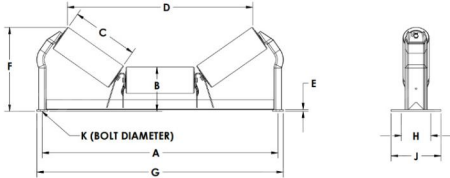
	PART NUMBER	BW*	A	B	C	D	E	F	G	H	J	K	WT
20°	C5-20E-18	18	27	8 1/2	7 1/16	21 7/8	1/4	11	29	6	8	1/2	40
	C5-20E-24	24	33	8 1/2	9 1/16	27 5/8	5/16	11 11/16	35	6	9 1/2	5/8	45
	C5-20E-30	30	39	8 1/2	11 1/16	33 3/8	5/16	12 3/8	41	6	9 1/2	5/8	56
	C5-20E-36	36	45	8 1/2	13 1/16	39 1/8	5/16	13 1/16	47	6	9 1/2	5/8	64
	C5-20E-42	42	51	9	15 1/16	44 7/8	5/16	14 3/16	53	7 1/2	9 1/2	5/8	79
	C5-20E-48	48	57	9	17 1/16	50 5/8	5/16	14 7/8	59	7 1/2	9 1/2	5/8	88
35°	C5-20E-54	54	63	9	19 1/16	56 7/16	3/8	15 3/4	65	9	11	5/8	100
	C5-20E-60	60	69	9	21 1/16	62 3/16	3/8	16 1/2	71 1/2	9	11	5/8	113
	C5-35E-18	18	27	8 1/2	7 1/16	19 7/16	1/4	12 3/8	29	6	8	1/2	41
	C5-35E-24	24	33	8 1/2	9 1/16	24 11/16	5/16	13 13/16	35	6	9 1/2	5/8	49
	C5-35E-30	30	39	8 1/2	11 1/16	30	5/16	14 13/16	41	6	9 1/2	5/8	59
	C5-35E-36	36	45	8 1/2	13 1/16	35 1/4	5/16	16 1/8	47	6	9 1/2	5/8	66
45°	C5-35E-42	42	51	9	15 1/16	40 9/16	5/16	17 11/16	53	7 1/2	9 1/2	5/8	82
	C5-35E-48	48	57	9	17 1/16	45 13/16	5/16	18 7/8	59	7 1/2	9 1/2	5/8	91
	C5-35E-54	54	63	9	19 1/16	51 1/8	3/8	20	65 1/2	9	11	5/8	104
	C5-35E-60	60	69	9	21 1/16	56 3/8	3/8	21 3/16	71 1/2	9	11	5/8	116
	C5-45E-18	18	27	8 1/2	7 1/16	17 15/16	1/4	13 3/8	29	6	8	1/2	42
	C5-45E-24	24	33	8 1/2	9 1/16	22 3/4	5/16	15 1/16	35	6	9 1/2	5/8	51
	C5-45E-30	30	39	8 1/2	11 1/16	27 5/8	5/16	16 7/16	41	6	9 1/2	5/8	60
	C5-45E-36	36	45	8 1/2	13 1/16	32 7/16	5/16	17 13/16	47	6	9 1/2	5/8	67
	C5-45E-42	42	51	9	15 1/16	37 1/4	5/16	19 5/8	53	7 1/2	9 1/2	5/8	86
	C5-45E-48	48	57	9	17 1/16	42 1/16	5/16	21 3/16	59	7 1/2	9 1/2	5/8	93
	C5-45E-54	54	63	9	19 1/16	46 15/16	3/8	22 7/8	65 1/2	9	11	5/8	107
	C5-45E-60	60	69	9	21 1/16	51 3/4	3/8	24 1/16	71 1/2	9	11	5/8	120

* Belt Width

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

TROUGHED IDLERS (EQUAL LENGTH ROLLERS) – 6" DIAMETER



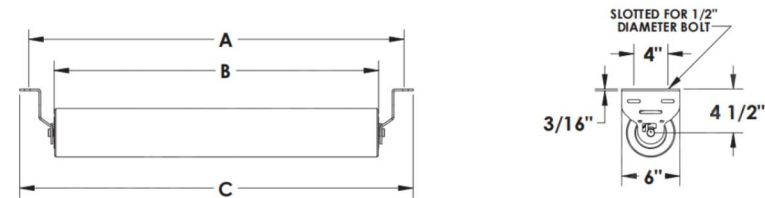
	PART NUMBER	BW*	A	B	C	D	E	F	G	H	J	K	WT
20°	C6-20E-18	18	27	9	7 1/16	21 9/16	1/4	11 7/16	29	6	8	1/2	47
	C6-20E-24	24	33	9	9 1/16	27 5/16	5/16	12 1/8	35	6	9 1/2	5/8	57
	C6-20E-30	30	39	9	11 1/16	33 1/16	5/16	12 7/8	41	6	9 1/2	5/8	69
	C6-20E-36	36	45	9	13 1/16	38 13/16	5/16	13 9/16	47	6	9 1/2	5/8	78
	C6-20E-42	42	51	9 1/2	15 1/16	44 9/16	5/16	14 11/16	53	7 1/2	9 1/2	5/8	86
	C6-20E-48	48	57	9 1/2	17 1/16	50 5/16	5/16	15 3/8	59	7 1/2	9 1/2	5/8	107
35°	C6-20E-54	54	63	9 1/2	19 1/16	56 1/16	3/8	16 1/8	65	9	11	5/8	121
	C6-20E-60	60	69	9 1/2	21 1/16	61 7/8	3/8	16 3/4	71 1/2	9	11	5/8	134
	C6-35E-18	18	27	9	7 1/16	18 7/8	1/4	13 1/16	29	6	8	1/2	49
	C6-35E-24	24	33	9	9 1/16	24 1/8	5/16	14 3/16	35	6	9 1/2	5/8	59
	C6-35E-30	30	39	9	11 1/16	29 7/16	5/16	15 3/8	41	6	9 1/2	5/8	71
	C6-35E-36	36	45	9	13 1/16	34 11/16	5/16	16 1/2	47	6	9 1/2	5/8	80
45°	C6-35E-42	42	51	9 1/2	15 1/16	40	5/16	18 1/8	53	7 1/2	9 1/2	5/8	98
	C6-35E-48	48	57	9 1/2	17 1/16	45 1/4	5/16	19 1/4	59	7 1/2	9 1/2	5/8	109
	C6-35E-54	54	63	9 1/2	19 1/16	50 1/2	3/8	20 7/16	65	9	11	5/8	125
	C6-35E-60	60	69	9 1/2	21 1/16	55 13/16	3/8	21 9/16	71 1/2	9	11	5/8	138
	C6-45E-18	18	27	9	7 1/16	17 1/4	1/4	14	29	6	8	1/2	50
	C6-45E-24	24	33	9	9 1/16	22 1/16	5/16	15 7/16	35	6	9 1/2	5/8	61
	C6-45E-30	30	39	9	11 1/16	26 7/8	5/16	16 7/8	41	6	9 1/2	5/8	73
	C6-45E-36	36	45	9	13 1/16	31 3/4	5/16	18 1/4	47	6	9 1/2	5/8	82
	C6-45E-42	42	51	9 1/2	15 1/16	36 9/16	5/16	20 1/8	53	7 1/2	9 1/2	5/8	103
	C6-45E-48	48	57	9 1/2	17 1/16	41 3/8	5/16	21 9/16	59	7 1/2	9 1/2	5/8	111
	C6-45E-54	54	63	9 1/2	19 1/16	46 3/16	3/8	23	65 1/2	9	11	5/8	129
	C6-45E-60	60	69	9 1/2	21 1/16	51	3/8	24 3/8	71 1/2	9	11	5/8	141

* Belt Width

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

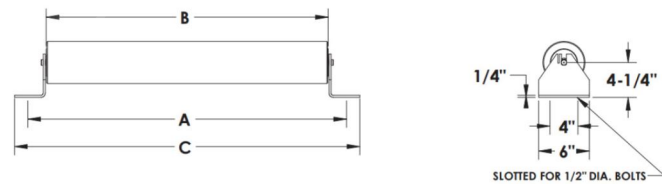
Note: Dimensions are subject to change without notice. Certified prints available for construction

>> RETURN IDLERS 4", 5", & 6" DIAMETER



RETURN IDLER 4" PART NUMBER	RETURN IDLER 5" PART NUMBER	RETURN IDLER 6" PART NUMBER	BW*	A	B	C	WT**		
							4"	5"	6"
C4-RET-18	C5-RET-18	C6-RET-18	18	27	21 5/16	28 3/4	17	22	30
C4-RET-24	C5-RET-24	C6-RET-24	24	33	27 5/16	34 3/4	20	27	36
C4-RET-30	C5-RET-30	C6-RET-30	30	39	33 5/16	40 3/4	23	31	43
C4-RET-36	C5-RET-36	C6-RET-36	36	45	39 5/16	46 3/4	27	35	50
C4-RET-42	C5-RET-42	C6-RET-42	42	51	45 5/16	52 3/4	30	38	56
C4-RET-48	C5-RET-48	C6-RET-48	48	57	51 5/16	58 3/4	33	44	63
C4-RET-54 ✓	C5-RET-54 ✓	C6-RET-54 ✓	54	63	57 5/16	64 3/4	37	49	69
C4-RET-60 ✓	C5-RET-60 ✓	C6-RET-60 ✓	60	69	63 5/16	70 3/4	40	53	76

FLAT IDLERS 4", 5", & 6" DIAMETER



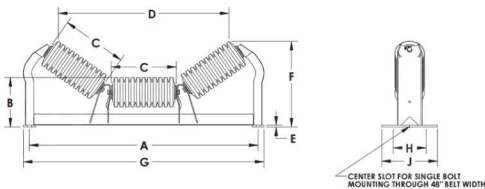
RETURN IDLER 4" PART NUMBER	RETURN IDLER 5" PART NUMBER	RETURN IDLER 6" PART NUMBER	BW*	A	B	C	WT**		
							4"	5"	6"
C4-FLT-18	C5-FLT-18	C6-FLT-18	18	27	21 5/16	28 3/4	19	25	32
C4-FLT-24	C5-FLT-24	C6-FLT-24	24	33	27 5/16	34 3/4	23	29	39
C4-FLT-30	C5-FLT-30	C6-FLT-30	30	39	33 5/16	40 3/4	26	34	45
C4-FLT-36	C5-FLT-36	C6-FLT-36	36	45	39 5/16	46 3/4	30	39	52
C4-FLT-42	C5-FLT-42	C6-FLT-42	42	51	45 5/16	52 3/4	33	44	59
C4-FLT-48	C5-FLT-48	C6-FLT-48	48	57	51 5/16	58 3/4	36	48	65
C4-FLT-54 ✓	C5-FLT-54 ✓	C6-FLT-54 ✓	54	63	57 5/16	64 3/4	40	53	72
C4-FLT-60 ✓	C5-FLT-60 ✓	C6-FLT-60 ✓	60	69	63 5/16	70 3/4	43	58	79

* Belt Width / ** All weights include brackets, individual bracket weights are listed on page 62 and 63.

Meets CEMA D specifications

Dimensions are subject to change without notice. Certified prints available for construction.

RUBBER CUSHION IMPACT TROUGHING IDLERS – 4" DIAMETER



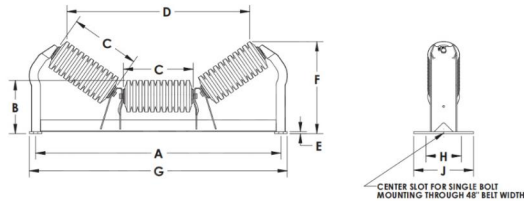
	PART NUMBER	BW*	A	B	C	D	E	F	G	H***	J	K	WT
20°	C4-20EI-18	18	27	8	7 1/16	21 3/16	1/4	10 3/8	29	6	8	1/2	36
	C4-20EI-24	24	33	8	9 1/16	26 15/16	5/16	11 1/16	35	6	9 1/2	5/8	44
	C4-20EI-30	30	39	8	11 1/16	32 5/8	5/16	11 11/16	41	6	9 1/2	5/8	54
	C4-20EI-36	36	45	8	13 1/16	38 7/16	5/16	12 1/2	47	6	9 1/2	5/8	68
	C4-20EI-42	42	51	8 1/2	15 1/16	44 1/8	5/16	13 11/16	53	7 1/2	9 1/2	5/8	87
	C4-20EI-48	48	57	8 1/2	17 1/16	49 7/8	5/16	14 1/4	59	7 1/2	9 1/2	5/8	96
	C4-20EI-54	54	63	8 1/2	19 1/16	55 11/16	3/8	15	65 1/2	9	11	5/8	110
	C4-20EI-60	60	69	8 1/2	21 1/16	61 3/8	3/8	15 5/8	71 1/2	9	11	5/8	122
	C4-35EI-18	18	27	8	7 1/16	19 1/8	1/4	12 1/8	29	6	8	1/2	38
	C4-35EI-24	24	33	8	9 1/16	24 7/16	5/16	13 1/4	35	6	9 1/2	5/8	46
35°	C4-35EI-30	30	39	8	11 1/16	29 5/8	5/16	14 7/16	41	6	9 1/2	5/8	56
	C4-35EI-36	36	45	8	13 1/16	34 15/16	5/16	15 9/16	47	6	9 1/2	5/8	71
	C4-35EI-42	42	51	8 1/2	15 1/16	40 3/16	5/16	17 3/16	53	7 1/2	9 1/2	5/8	90
	C4-35EI-48	48	57	8 1/2	17 1/16	45 7/16	5/16	18 5/16	59	7 1/2	9 1/2	5/8	99
	C4-35EI-54	54	63	8 1/2	19 1/16	50 3/4	3/8	19 1/2	65 1/2	9	11	5/8	113
	C4-35EI-60	60	69	8 1/2	21 1/16	56	3/8	20 5/8	71 1/2	9	11	5/8	126
	C4-45EI-18	18	27	8	7 1/16	18	1/4	13 1/8	29	6	8	1/2	39
	C4-45EI-24	24	33	8	9 1/16	22 13/16	5/16	14 1/2	35	6	9 1/2	5/8	47
45°	C4-45EI-30	30	39	8	11 1/16	27 9/16	5/16	15 15/16	41	6	9 1/2	5/8	58
	C4-45EI-36	36	45	8	13 1/16	32 7/16	5/16	17 3/8	47	6	9 1/2	5/8	73
	C4-45EI-42	42	51	8 1/2	15 1/16	37 1/4	5/16	19 1/4	53	7 1/2	9 1/2	5/8	92
	C4-45EI-48	48	57	8 1/2	17 1/16	42 1/16	5/16	20 5/8	59	7 1/2	9 1/2	5/8	101
	C4-45EI-54	54	63	8 1/2	19 1/16	46 7/8	3/8	22 1/16	65 1/2	9	11	5/8	116
	C4-45EI-60	60	69	8 1/2	21 1/16	51 11/16	3/8	23 1/2	71 1/2	9	11	5/8	129

* Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

>> RUBBER CUSHION IMPACT TROUGHING IDLERS – 5" DIAMETER



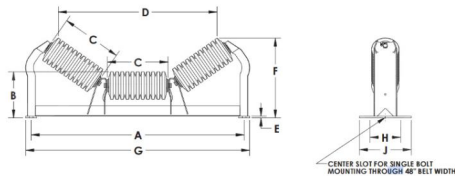
	PART NUMBER	BW*	A	B	C	D	E	F	G	H***	J	K	WT
20°	C5-20EI-18	18	27	8 1/2	7 1/16	20 7/8	1/4	10 7/8	29	6	8	1/2	41
	C5-20EI-24	24	33	8 1/2	9 1/16	26 5/8	5/16	11 9/16	35	6	9 1/2	5/8	50
	C5-20EI-30	30	39	8 1/2	11 1/16	32 5/16	5/16	12 1/4	41	6	9 1/2	5/8	61
	C5-20EI-36	36	45	8 1/2	13 1/16	38 1/16	5/16	12 15/16	47	6	9 1/2	5/8	76
	C5-20EI-42	42	51	9	15 1/16	43 13/16	5/16	14 1/16	53	7 1/2	9 1/2	5/8	97
	C5-20EI-48	48	57	9	17 1/16	49 9/16	5/16	14 3/4	59	7 1/2	9 1/2	5/8	106
	C5-20EI-54	54	63	9	19 1/16	55 3/8	3/8	15 1/2	65 1/2	9	11	5/8	122
	C5-20EI-60	60	69	9	21 1/16	61 1/16	3/8	16 3/16	71 1/2	9	11	5/8	136
35°	C5-35EI-18	18	27	8 1/2	7 1/16	18 9/16	1/4	12 1/4	29	6	8	1/2	42
	C5-35EI-24	24	33	8 1/2	9 1/16	23 13/16	5/16	13 11/16	35	6	9 1/2	5/8	52
	C5-35EI-30	30	39	8 1/2	11 1/16	29 1/16	5/16	14 11/16	41	6	9 1/2	5/8	63
	C5-35EI-36	36	45	8 1/2	13 1/16	34 3/8	5/16	16	47	6	9 1/2	5/8	79
	C5-35EI-42	42	51	9	15 1/16	39 5/8	5/16	17 9/16	53	7 1/2	9 1/2	5/8	100
	C5-35EI-48	48	57	9	17 1/16	44 7/8	5/16	18 3/4	59	7 1/2	9 1/2	5/8	110
	C5-35EI-54	54	63	9	19 1/16	50 3/16	3/8	19 7/8	65 1/2	9	11	5/8	125
	C5-35EI-60	60	69	9	21 1/16	55 7/16	3/8	21 1/16	71 1/2	9	11	5/8	140
45°	C5-45EI-18	18	27	8 1/2	7 1/16	17 1/4	1/4	13 7/16	29	6	8	1/2	44
	C5-45EI-24	24	33	8 1/2	9 1/16	22 1/16	5/16	14 7/8	35	6	9 1/2	5/8	53
	C5-45EI-30	30	39	8 1/2	11 1/16	26 7/8	5/16	16 5/16	41	6	9 1/2	5/8	65
	C5-45EI-36	36	45	8 1/2	13 1/16	31 11/16	5/16	17 3/4	47	6	9 1/2	5/8	81
	C5-45EI-42	42	51	9	15 1/16	36 1/2	5/16	19 9/16	53	7 1/2	9 1/2	5/8	102
	C5-45EI-48	48	57	9	17 1/16	41 5/16	5/16	21	59	7 1/2	9 1/2	5/8	112
	C5-45EI-54	54	63	9	19 1/16	46 3/16	3/8	22 7/16	65 1/2	9	11	5/8	128
	C5-45EI-60	60	69	9	21 1/16	51	3/8	23 7/8	71 1/2	9	11	5/8	143

* Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction.

RUBBER CUSHION IMPACT TROUGHING IDLERS – 6" DIAMETER



	PART NUMBER	BW*	A	B	C	D	E	F	G	H***	J	K	WT
20°	C6-20EI-18	18	27	9	7 1/16	20 1/2	1/4	11 5/16	29	6	8	1/2	49
	C6-20EI-24	24	33	9	9 1/16	26 1/4	5/16	12	35	6	9 1/2	5/8	62
	C6-20EI-30	30	39	9	11 1/16	31 15/16	5/16	12 3/4	41	6	9 1/2	5/8	74
	C6-20EI-36	36	45	9	13 1/16	37 3/4	5/16	13 7/16	47	6	9 1/2	5/8	90
	C6-20EI-42	42	51	9 1/2	15 1/16	43 7/16	5/16	14 9/16	53	7 1/2	9 1/2	5/8	111
	C6-20EI-48	48	57	9 1/2	17 1/16	49 3/16	5/16	15 1/4	59	7 1/2	9 1/2	5/8	126
	C6-20EI-54	54	63	9 1/2	19 1/16	55	3/8	15 15/16	65 1/2	9	11	5/8	136
	C6-20EI-60	60	69	9 1/2	21 1/16	60 11/16	3/8	16 5/8	71 1/2	9	11	5/8	146
35°	C6-35EI-18	18	27	9	7 1/16	18	1/4	12 15/16	29	6	8	1/2	48
	C6-35EI-24	24	33	9	9 1/16	23 1/4	5/16	14 1/16	35	6	9 1/2	5/8	59
	C6-35EI-30	30	39	9	11 1/16	28 1/2	5/16	15 1/4	41	6	9 1/2	5/8	73
	C6-35EI-36	36	45	9	13 1/16	33 11/16	5/16	16 3/8	47	6	9 1/2	5/8	90
	C6-35EI-42	42	51	9 1/2	15 1/16	39	5/16	18	53	7 1/2	9 1/2	5/8	112
	C6-35EI-48	48	57	9 1/2	17 1/16	44 5/16	5/16	19 1/8	59	7 1/2	9 1/2	5/8	124
	C6-35EI-54	54	63	9 1/2	19 1/16	49 5/8	3/8	20 5/16	65 1/2	9	11	5/8	142
	C6-35EI-60	60	69	9 1/2	21 1/16	54 13/16	3/8	21 7/16	71 1/2	9	11	5/8	159
45°	C6-45EI-18	18	27	9	7 1/16	16 9/16	1/4	13 13/16	29	6	8	1/2	50
	C6-45EI-24	24	33	9	9 1/16	21 3/8	5/16	15 1/4	35	6	9 1/2	5/8	61
	C6-45EI-30	30	39	9	11 1/16	26 3/16	5/16	16 11/16	41	6	9 1/2	5/8	74
	C6-45EI-36	36	45	9	13 1/16	31	5/16	18 1/16	47	6	9 1/2	5/8	92
	C6-45EI-42	42	51	9 1/2	15 1/16	35 13/16	5/16	19 15/16	53	7 1/2	9 1/2	5/8	114
	C6-45EI-48	48	57	9 1/2	17 1/16	40 5/8	5/16	21 3/8	59	7 1/2	9 1/2	5/8	127
	C6-45EI-54	54	63	9 1/2	19 1/16	45 1/2	3/8	22 13/16	65 1/2	9	11	5/8	144
	C6-45EI-60	60	69	9 1/2	21 1/16	50 1/4	3/8	24 3/16	71 1/2	9	11	5/8	162

* Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

*** Recommended Bolting Pattern - See page 63 for minimum and maximum dimensions.

Note: Dimensions are subject to change without notice. Certified prints available for construction..

» PRODUCT DISPLAY



PRODUCT PACKAGING



» ROLLER APPLICATION



PRODUCT PACKAGING

