

# MODEL 196G 1.9" DIA. X 16 GA. GALVANIZED STEEL GRAVITY ROLLER CONV.

24 HOUR SHIPMENTS INCLUDE ALL 1-FOOT INCREMENTS 1'-0" TO 10'-0" ON STRAIGHT SECTIONS

**STRAIGHT SECTION MODEL NUMBER**  
196G-21-3-H-9

196G-(between frames)-(roller centers)-  
(set high or low)-(length)

**CURVED SECTION MODEL NUMBER**  
196GC-39-H-90

196GC-(between frames)-(set high or low)-(degree)



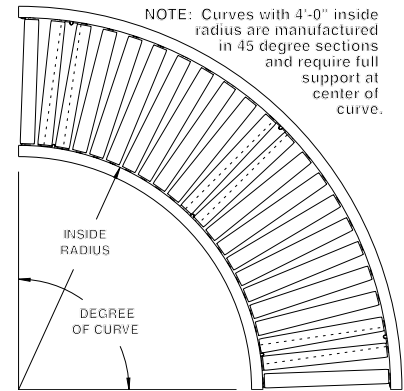
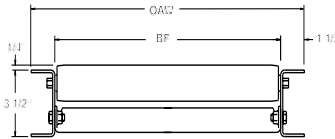
Optional: Use SM supports  
on page 138



Double roller design



Single roller design



## SPECIFICATIONS

**ROLLERS:** 1.9" x 16 ga. galv. steel tubing, model 196G, with smooth swaged ends.

**FRAMES:** Formed steel painted channel 3-1/2" x 1-1/2" x 10 ga. set high; 4-1/2" x 1-1/2" x 10 ga. set low.

**BEARINGS:** Integral plain ball bearings, zinc plated, grease packed.

**FRAME CAPACITY:** 250 lbs. per roller, or 1300 lbs. maximum distributed live load per 10' section with supports at 10' centers; 3200 lbs. at 5' centers.

**COUPLINGS:** Butt type.

**AXLES:** 7/16" hex shaft, spring loaded.

**OPTIONAL FRAME:** 4" @ 5.4 lbs. struc. steel channel frame, rollers 3/16" high, may vary due to structural tolerances.

STRAIGHT SECTION (WT lbs.)							CURVED SECTIONS						
Normal Roller Length	Between Frames	3" RC 10'	4.5" RC 10'	6" RC 10'	9" RC 10'	12" RC 10'	Curve Inside Radius	Curve Roller Design	90° Rollers Per Curve	90° WT. lbs.	45° Rollers Per Curve	45° WT. lbs.	
*6"	*7"	123	103	94	84	79	-	-	-	-	-	-	
12"	13"	165	133	117	101	93	2'-8-1/2"	Single	22	217	11	120	
14"	15"	179	143	124	106	97	2'-8-1/2"	Single	22	246	11	134	
16"	17"	193	152	132	112	102	2'-8-1/2"	Single	22	274	11	147	
18"	19"	207	162	140	118	107	2'-8-1/2"	Single	22	303	11	161	
20'	21"	221	172	148	123	111	2'-8-1/2'	Single	22	331	11	175	
22"	23"	234	182	155	129	116	2'-8-1/2"	Double	41	360	21	188	
24"	25"	248	191	163	135	120	2'-8-1/2"	Double	41	388	21	202	
26"	27"	262	201	171	140	125	2'-8-1/2"	Double	41	417	21	216	
30"	31"	290	221	186	152	134	4'	Double	40	474	20	243	
32"	33"	304	231	194	157	129	4'	Double	40	503	20	257	
36"	37"	332	250	209	168	148	4'	Double	40	560	20	284	
38"	39"	346	260	217	174	153	4'	Double	40	589	20	298	
42"	43"	374	280	233	185	162	4'	Double	40	646	20	325	
46"	47"	401	299	248	197	171	4'	Double	40	703	20	353	
50"	51"	429	319	263	208	180	4'	Double	40	760	20	380	
Per Foot		7	5	4	3	2	Per Foot		-	14	-	7	

\*7" BF straight sections furnished with spring loaded shafts in set high position ONLY.



### WARNING

To prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors, use connector brackets with safety pop-out rollers shown on pg. 100.

■ 24 hour shipment