

# MODEL 196S

## 1.9" DIA. X 16 GA. STEEL GRAVITY ROLLER CONVEYOR

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



Double roller design



Single roller design



### STRAIGHT SECTION MODEL NUMBER

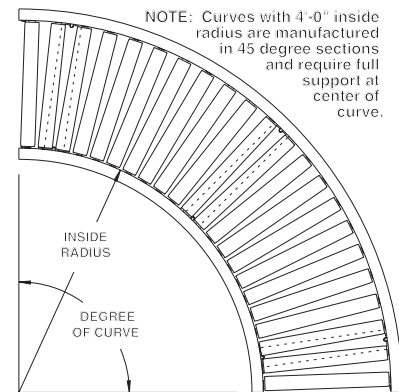
**196S-13-6-L-6**

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

### CURVED SECTION MODEL NUMBER

**196SC-21-H-45**

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



### SPECIFICATIONS

**ROLLERS:** 1.9" x 16 ga. steel tubing, model 196S, 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 SECTIONS

NOMINAL ROLLER LENGTH	BETWEEN FRAMES	3" RC 10'	3" RC 5'	4.5" RC 10'	4.5" RC 5'	6" RC 10'	6" RC 5'	9" RC 10'	9" RC 5'	12" RC 10'	12" RC 5'
*6"	*7"	129	66	112	58	100	52	89	46	84	44
12"	13"	166	84	140	72	118	60	102	52	93	48
14"	15"	178	90	152	78	124	63	108	55	97	50
16"	17"	190	96	160	81	130	66	112	57	100	51
18"	19"	202	102	169	86	137	70	117	60	103	53
20"	21"	216	109	180	91	143	73	120	61	106	54
22"	23"	228	115	189	96	150	76	125	64	110	56
24"	25"	240	122	198	98	156	79	129	65	112	57
26"	27"	253	128	207	105	162	82	134	68	116	59
30"	31"	276	140	225	114	174	88	142	72	122	62
32"	33"	291	147	236	119	180	91	147	75	125	64
36"	37"	317	160	257	130	193	98	155	79	131	67
38"	39"	329	166	265	134	200	102	160	82	135	69
42"	43"	354	179	284	144	213	108	169	87	141	72
44"	45"	366	185	294	148	219	112	173	89	144	74
46"	47"	379	191	304	153	225	115	178	91	148	76
50"	51"	404	204	323	163	238	121	187	96	154	79

### CURVED SECTIONS

CURVE INSIDE RADIUS	CURVE ROLLER DESIGN	90° ROLLERS PER CURVE	90° WEIGHT LBS.	45° ROLLERS PER CURVE	45° WEIGHT LBS.
-	-	-	-	-	-
2'-8-1/2"	SINGLE	22	97	11	50
2'-8-1/2"	SINGLE	22	105	11	53
2'-8-1/2"	SINGLE	22	114	11	58
2'-8-1/2"	SINGLE	22	122	11	63
2'-8-1/2"	SINGLE	22	131	11	67
2'-8-1/2"	DOUBLE	41	161	21	82
2'-8-1/2"	DOUBLE	41	169	21	85
2'-8-1/2"	DOUBLE	41	177	21	89
4'-0"	DOUBLE	40	211	20	108
4'-0"	DOUBLE	40	220	20	112
4'-0"	DOUBLE	40	238	20	120
4'-0"	DOUBLE	40	247	20	124
4'-0"	DOUBLE	40	265	20	132
4'-0"	DOUBLE	40	274	20	136
4'-0"	DOUBLE	40	283	20	140
4'-0"	DOUBLE	40	301	20	148

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

### WARNING

Prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors and other equipment!



■ 24 hour shipment