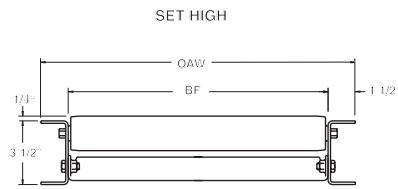


# MODEL 199S

## 1.9" DIA. X 9 GA. GRAVITY ROLLER CONVEYOR

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



### STRAIGHT SECTION MODEL NUMBER

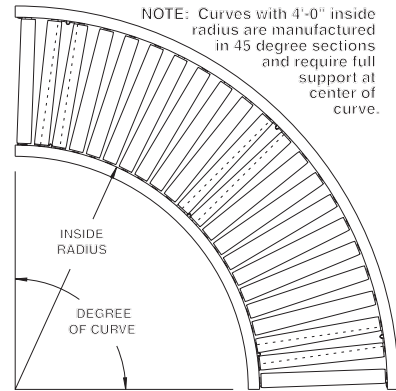
**199S-51-3-H-10**

199S-(between frames)-(roller centers)-  
(set high or low)-(length)

### CURVED SECTION MODEL NUMBER

**199SC-37-H-90**

199SC-(between frames)-(set high or low)-(degree)



### SPECIFICATIONS

**ROLLERS:** 1.9" x 9 ga. steel tubing, model 199S, with straight ends reamed to provide smooth bearing seats.

**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.

**ROLLER CAPACITY:** 260 lbs. per roller.

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

**FRAME CAPACITY:** 1300 lbs. max. distributed live load per 10' section with supports at 10' centers; 3200 lbs. at 5' ctrs.

**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'
12"	13"	220	113	170	87	143	75	117	64	105	56
14"	15"	244	126	179	95	156	82	126	69	112	60
16"	17"	267	139	203	104	169	89	134	74	119	64
18"	19"	292	151	220	112	182	96	143	79	127	68
20"	21"	313	161	235	119	193	101	151	83	133	71
22"	23"	340	175	254	129	207	109	161	89	141	79
24"	25"	363	187	270	137	219	116	169	94	148	80
26"	27"	387	200	287	146	232	122	178	99	155	84
30"	31"	433	224	319	162	257	135	195	109	169	91
32"	33"	460	237	337	171	271	143	205	115	177	96
36"	37"	506	261	369	188	296	156	222	125	191	104
38"	39"	528	272	384	195	307	162	229	129	196	107
42"	43"	575	297	417	212	332	176	246	139	210	115
44"	45"	599	309	433	220	345	182	255	144	217	119
46"	47"	623	321	450	228	358	189	264	149	224	123
50"	51"	670	346	483	245	383	202	281	159	238	131

### 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	141	11	72
2'-8-1/2"	SINGLE	22	162	11	82
2'-8-1/2"	SINGLE	22	185	11	93
2'-8-1/2"	SINGLE	22	195	11	99
2'-8-1/2"	SINGLE	22	208	11	106
2'-8-1/2"	DOUBLE	41	235	21	120
2'-8-1/2"	DOUBLE	41	247	21	125
2'-8-1/2"	DOUBLE	41	259	21	131
4'-0"	DOUBLE	40	328	20	168
4'-0"	DOUBLE	40	337	20	172
4'-0"	DOUBLE	40	357	20	182
4'-0"	DOUBLE	40	396	20	202
4'-0"	DOUBLE	40	430	20	219
4'-0"	DOUBLE	40	447	20	228
4'-0"	DOUBLE	40	464	20	237
4'-0"	DOUBLE	40	498	20	253

### WARNING

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



■ 24 hour shipment