

MODEL 254S STRUCTURAL

2-1/2" DIA. X 14 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

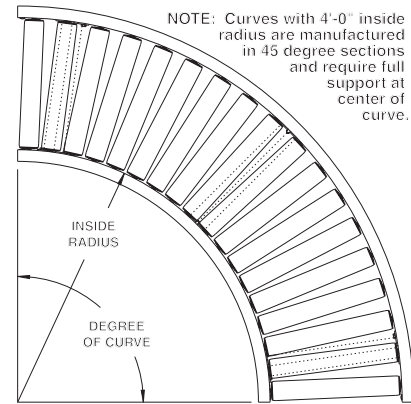
254S-51-4.5-H-7-S

254S-(between frames)-(roller centers)-(set high or low)-(length)-(structural frame)

CURVED SECTION MODEL NUMBER

254SC-21-H-90-S

254SC-(between frames)-(set high or low)-(degree)-(structural frame)



SPECIFICATIONS

ROLLERS: 2-1/2" x 14 ga. steel tubing, model 254S, with smooth swaged ends.

FRAMES: 4" at 5.4 lbs. structural steel painted channel.

ROLLER CAPACITY: 290 lbs. per roller.

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

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

COUPLINGS: Butt type.

FRAME CAPACITY: 3750 lbs. maximum distributed live load per 10' section with supports at 10' centers; 8000 lbs. at 5' centers.

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"	255	129	228	112	187	95	165	84	152	78
14"	15"	273	137	236	120	197	100	174	88	158	80
16"	17"	291	146	248	125	205	103	180	91	163	82
18"	19"	308	150	261	132	215	109	187	95	167	85
20"	21"	329	165	278	139	225	113	193	97	173	87
22"	23"	346	175	291	146	235	119	200	102	178	90
24"	25"	366	185	305	151	245	123	207	104	182	92
26"	27"	378	191	313	160	249	126	209	106	183	93
30"	31"	413	209	341	174	266	134	221	112	192	97
32"	33"	434	219	355	181	275	139	228	116	196	100
36"	37"	471	237	385	194	295	149	240	122	205	104
38"	39"	489	246	397	200	304	154	247	126	210	107
42"	43"	525	264	425	214	322	163	260	133	219	112
44"	45"	543	273	439	220	332	168	266	136	224	114
46"	47"	562	282	452	227	341	173	273	139	229	116
50"	51"	598	301	480	241	359	182	286	146	238	121

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	18	157	9	81
2'-8-1/2"	SINGLE	18	169	9	86
2'-8-1/2"	SINGLE	18	182	9	93
2'-8-1/2"	SINGLE	18	195	9	100
2'-8-1/2"	SINGLE	18	208	9	107
2'-8-1/2"	DOUBLE	37	239	17	122
2'-8-1/2"	DOUBLE	37	251	17	127
2'-8-1/2"	DOUBLE	37	263	17	133
4'-0"	DOUBLE	40	317	20	162
4'-0"	DOUBLE	40	330	20	168
4'-0"	DOUBLE	40	356	20	181
4'-0"	DOUBLE	40	369	20	187
4'-0"	DOUBLE	40	395	20	200
4'-0"	DOUBLE	40	408	20	206
4'-0"	DOUBLE	40	421	20	212
4'-0"	DOUBLE	40	446	20	224

WARNING

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



■ 24 hour shipment