

MODEL 796LSC LINE SHAFT DRIVEN CURVE MODULE

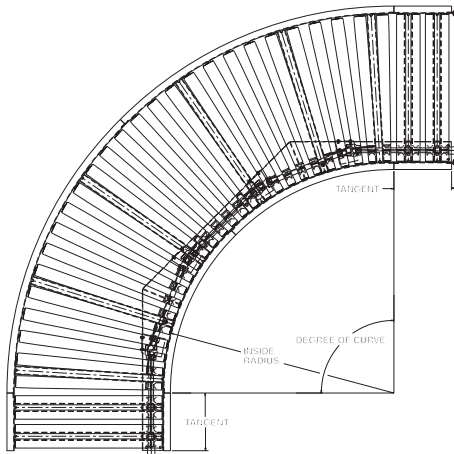
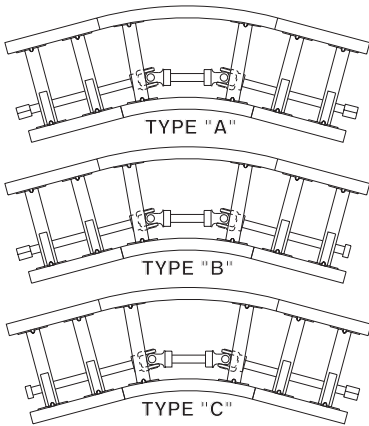
24 HOUR SHIPMENTS INCLUDE 30°, 45°, 60° AND 90° MODULES



Conveyor shown with optional supports

Roach line shaft driven curve, module 796LSC, features tapered rollers to help maintain product orientation and is designed to be driven from 796LS line shaft driven conveyor, thus reducing the overall number of drives required.

LINE SHAFT CURVE COUPLINGS



SPECIFICATIONS

TREAD ROLLERS: 2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T.

DRIVE BELT: 3/16" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

DRIVE SHAFT: 1" dia. C1018 cold rolled steel shaft, located on inside radius. NOTE: Spools are keyed to provide positive drive (designed not to slip on drive shaft).

COUPLINGS: Couplings located both ends (type "A") or one end only (type "B" or "C"). See 'line shaft curve couplings' above and specify.

TANGENTS: 1'-0" both ends on 60° and 90°; 1'-6" both ends on 30° and 45°. 1'-0" infeed, 1'-0" discharge and no center tangent on 180°. Tangent roller centers 3" RC.

BEARINGS: Precision, lubricated, ball bearing units with steel housings. 6 per 90° and 60° curve; 4 per 45° and 30°.

UNIVERSAL JOINTS: 4 per 90° and 60° curve; 2 per 45° and 30° curve.

BED: 7" x 1-1/2" x 12 ga. formed steel channel frame.

MOTOR DRIVE: Driven by 796LS.

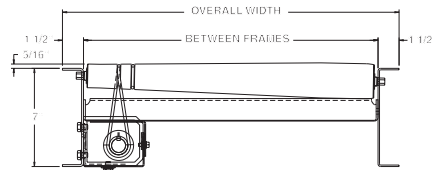
SPECIFY MODEL NUMBER PER EXAMPLE

796LSC090-21-1212*

796LSC(curve degree)-(between frames)-(left tangent length, right tangent length)

Available in 30°, 45°, 60°, 90° and 180°.

*Not required for 180° curves. ONLY specify center tangent length if center tangent required (center tangent not available in 24 hour shipment).



OPTIONAL EQUIPMENT

FLOOR SUPPORTS: See Conveyor Accessories.

GUARD RAILS: See Conveyor Accessories.

BF	INSIDE RADIUS	IR/RC OR/RC	ROLLER CENTERS			
			30°	45°	60°	90°
15"	32-1/2"	IR/RC OR/RC	2.84" 4.15"	2.84" 4.15"	2.84" 4.15"	2.84" 4.15"
19"	32-1/2"	IR/RC OR/RC	2.84" 4.49"	2.84" 4.49"	2.84" 4.49"	2.84" 4.49"
21"	32-1/2"	IR/RC OR/RC	2.84" 4.67"	2.84" 4.67"	2.84" 4.67"	2.84" 4.67"
25"	32-1/2"	IR/RC OR/RC	2.84" 5.02"	2.84" 5.02"	2.84" 5.02"	2.84" 5.02"
27"	32-1/2"	IR/RC OR/RC	2.84" 5.19"	2.84" 5.19"	2.84" 5.19"	2.84" 5.19"
33"	48"	IR/RC OR/RC	3.14" 5.30"	2.90" 4.89"	3.14" 5.30"	2.90" 4.89"
39"	48"	IR/RC OR/RC	3.14" 5.69"	2.90" 5.26"	3.14" 5.69"	2.90" 5.26"

CURVE	180°		90°		60°		45°		30°	
	BF	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	TAPERED ROLLERS* WT. (LBS.)	
15"	36	596	18	323	12	270	9	263	6	246
19"	36	638	18	348	12	301	9	293	6	266
21"	36	700	18	381	12	322	9	316	6	287
25"	36	748	18	408	12	349	9	340	6	309
27"	36	794	18	432	12	369	9	362	6	325
33"	52	1070	26	578	16	451	13	442	8	385
39"	52	1192	26	646	16	511	13	505	8	430

*Roller quantities in tangents: 1'-0" = 4 rollers; 1'-6" = 6 rollers per tangent.



■ 24 hour shipment