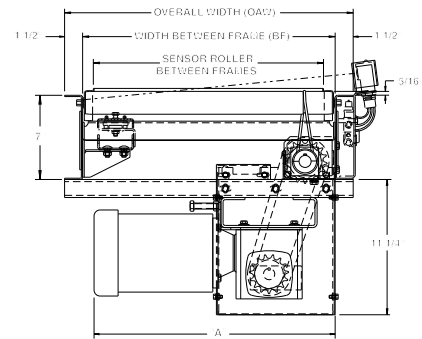


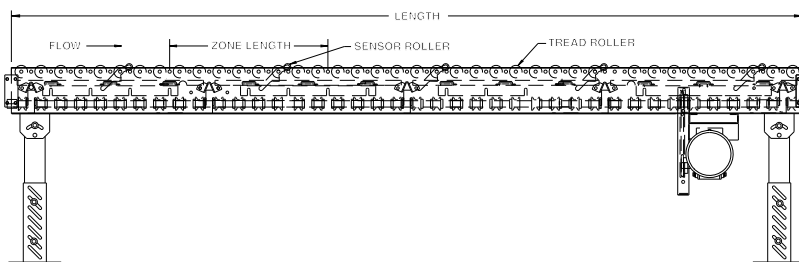
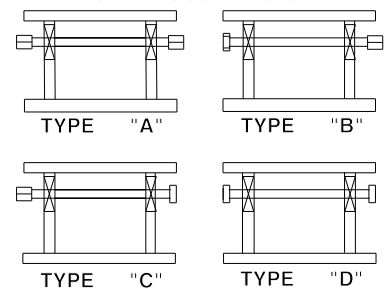
MODEL 796LSA LINE SHAFT ZERO PRESSURE ACCUMULATOR



Model 796LSA is one of the most popular accumulators in the unit handling industry. This zero pressure line shaft driven accumulator is ideal for numerous light to medium duty applications. Curves, spurs and other line shaft modules may be driven by a SINGLE drive.



LINE SHAFT COUPLING CHART



HP @ 60 FPM	REDUCER	"A" MAX.
1/3, 1/2	RBW11100-02	24"
3/4, 1	RBW11100-02	24"
1-1/2, 2	RBW11100-04	25-1/4"

SPECIFICATIONS

TREAD ROLLERS: 1.9" dia. x 16 ga. steel, model 196S grooved.

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

DRIVE SHAFT: 1" dia. C1018 cold rolled steel shaft.

COUPLINGS: Couplings located both ends (type "A"), one end only (type "B" or "C") or none (type "D"). See 'line shaft coupling chart' and specify.

CENTER DRIVE: Located approximately 16-1/2" from end of bed section on 4" RC; 18" on 3" and 6" RC.

SPEED: 60 FPM, constant.

ACCUMULATION ZONE: 2'-0" zone length, pneumatically actuated, zone singulation operation.

BEARINGS: All bearings are precision, lubricated, ball bearing units with composite housings.

BED: 7" x 1-1/2" x 12 ga. formed steel channel frame. Bed sections attached with splice plates and floor supports.

FLOOR SUPPORTS: SM-6 adjustable 31-1/2" to 43-1/2" TOR. Supports should be lagged to floor.

FRL: Unit is provided with filter, regulator, lubricator with 1/4" ports.

PNEUMATIC ACTUATION: Maximum air line pressure should not exceed 30 PSI.

MOTOR DRIVE: 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

ROLLER CHAIN: Drive shaft is driven by No. 50 chain for 1-1/2 HP or less and No. 60 chain on larger drives. Chain take-up provided on motor base.

CAPACITY: See page 5 in technical section for load capacity rating.

ELECTRICAL CONTROLS: Optional.



SPECIFICATION TABLE

CONVEYOR LENGTH		5'	10'	15'	20'	25'	30'	40'	50'	60'	70'	80'	90'	100'
BF	OAW	Unit weights (lbs.) with 3" roller centers (For other centers, deduct weights below)												
15"	18"	362	551	740	928	1117	1306	1683	2061	2438	2816	3193	3571	3948
19"	21"	382	589	796	1003	1210	1417	1831	2244	2658	3072	3486	3900	4313
21"	24"	393	612	831	1049	1268	1486	1923	2360	2797	3234	3671	4108	4545
25"	28"	405	646	888	1130	1372	1613	2096	2580	3063	3546	4029	4513	4996
27"	30"	425	672	925	1178	1431	1684	2191	2697	3203	3710	4216	4722	5229
33"	36"	437	724	1012	1300	1588	1876	2452	3027	3603	4179	4755	5331	5906
39"	42"	468	788	1146	1504	1792	2079	2724	3369	4015	4660	5305	5950	6595

Deduct the following weights (lbs.) for other than 3" centers

TREAD ROLLER CENTERS	15" BF		19" BF		21" BF		25" BF		27" BF		33" BF		39" BF	
	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'
4"	-14	-28	-17	-34	-19	-37	-21	-42	-23	-45	-27	-53	-31	-62
6"	-18	-36	-34	-68	-37	-74	-42	-84	-45	-90	-53	-106	-62	-124

OPTIONAL EQUIPMENT

SIDE MOUNTED DRIVE: Provides overall conveyor height of 10".

ACCUMULATION ZONES: 18" and 30" long zones available, depending on roller centers.

ACCUMULATION CONTROLS: For actuation of zones using photo electric sensors, see pages 70-71 for model SZ796LSA SMART ZONE®.

GALVANIZED ROLLERS: Tread rollers available in galvanized steel, model 196G.

FLOOR SUPPORTS: Other height supports, knee braces, casters, polytier supports and ceiling hangers available. See pg. 152-155.

CONVEYOR SPEED: Constant speed 15-120 FPM; DC variable speed; AC inverter variable speed. MINIMUM operating speed for line shaft conveyor is 15 FPM.

MOTORS: Available through 2 HP in TEFC, explosion proof, dirty duty, 115/230/1, 575/3, etc.

GUARD RAILS: 1-3/4" x 1" formed channel (model GC), adjusts horizontally to 8" wider than roller and vertically to 6" above roller; formed steel fixed (model FSG in 2", 4" and 6" heights; fixed channel (model FC); 1-1/2" angle (model GA1-1/2). See page 157.

ELECTRICAL CONTROLS: One direction magnetic or manual starter; momentary start/stop push button station. Mounting and pre-wiring for units up to 12' long.

PNEUMATIC FLOW CHART

NOTE: Pneumatic flow must be specified as shown in diagram below

