

Lift/Drag Reels

SELECTION CHART

NOTE: Capacities based on speed of 150 ft./min. and acceleration of .50 ft./sec². Capacities based on cable of average weight and diameter. Refer to page 31.

(See "How to Select Reels" for explanation of Active Travel.)

WIRE SIZE (AWG)	No. of Cond.	FEET OF ACTIVE TRAVEL				
		30	40	50	60	70
16	2	S14-351-23-10-2	S16-351-23-12-2	S14-601-23-10-2	S16-621-23-12-1	S16-621-23-12-1
	3	S14-351-33-10-3	S16-351-33-12-3	S14-601-33-10-2	S16-621-33-12-2	S16-621-33-12-2
	4	S14-351-43-10-3	S16-351-43-12-3	S16-601-43-12-4	S16-621-43-12-2	S16-621-43-12-2
	6	S14-351-63-10-4	S16-351-63-12-4	S16-621-63-12-2	S16-621-63-11-2	S16-621-63-11-2
	8	S14-351-83-10-5	S18-351-83-13-5	S16-621-83-11-4	S16-621-83-11-4	S16-621-83-9-3
	10	S16-351-103-11-5	S16-621-103-10-6	S16-621-103-10-6	S16-621-103-8-3	S18-801-103-11-1
	12	S16-351-123-10-6	S16-801-123-10-2	S16-801-123-10-2	S18-801-123-12-2	S18-801-123-10-2
	14	S14-751-143-8-1	S16-801-143-10-2	S16-801-143-10-2	S16-801-143-8-2	S18-801-143-10-2
	16	S14-751-163-8-1	S16-801-163-9-2	S16-801-163-9-2	S16-801-163-8-2	S18-801-163-10-2
	20	S16-751-203-11-1	S16-801-203-9-2	S18-801-203-11-4	S18-801-203-9-2	S21-801-203-9-2
	24	S18-751-243-10-2	S21-751-243-13-3	S28-801-243-9-6	S24-1001-243-14-1	S28-752-243-20-1
30	S18-751-303-10-2	S21-751-303-11-2	S21-1001-303-11-1	S24-1001-303-14-2	S24-802-303-11-3	
36	S21-751-363-10-4	S21-1001-363-12-1	S21-1001-363-10-1	S24-802-363-11-6	S24-802-363-10-5	
14	2	S14-351-23-10-2	S14-351-23-10-2	S14-601-23-10-2	S16-621-23-11-1	S16-621-23-11-1
	3	S14-351-33-10-3	S16-351-33-12-3	S18-351-33-14-3	S16-621-33-11-2	S16-621-33-11-2
	4	S14-351-43-10-3	S16-351-43-12-3	S16-621-43-12-2	S16-621-43-11-3	S16-621-43-11-3
	6	S14-351-63-8-4	S16-751-63-12-1	S16-621-63-9-5	S16-621-63-8-4	S16-621-63-8-4
	8	S14-751-83-8-1	S16-801-83-10-1	S16-801-83-10-1	S16-801-83-8-1	S18-801-83-10-1
	10	S16-751-103-11-1	S16-801-103-9-1	S18-801-103-11-1	S18-801-103-9-1	S21-801-103-11-3
	12	S16-751-123-11-1	S16-801-123-9-2	S18-801-123-11-3	S18-801-123-9-2	S21-801-123-10-3
	14	S18-751-143-12-1	S18-751-143-10-1	S24-751-143-14-1	S21-801-143-10-6	S24-1001-143-16-1
	16	S18-751-163-10-1	S21-751-163-12-2	S21-1001-163-11-1	S24-1001-163-14-1	S24-802-163-11-1
	20	S21-751-203-14-6	S21-1001-203-12-1	S21-1001-203-10-1	S24-1001-203-12-1	S24-802-203-10-3
	24	S21-1001-243-11-1	S24-1001-243-11-1	S28-1001-243-11-2	S28-753-243-18-2	S28-1002-243-18-2
30	S24-1001-303-13-6	S28-752-303-13-3	S28-753-303-19-4	S28-1002-303-16-3	S28-1002-303-15-1	
12	2	S14-351-23-10-2	S16-351-23-12-2	S16-621-23-12-1	S16-621-23-11-1	S16-621-23-11-1
	3	S14-351-33-10-3	S16-351-33-12-3	S16-621-33-12-2	S16-621-33-10-2	S16-621-33-10-2
	4	S14-351-43-9-3	S16-351-43-11-3	S16-621-43-10-4	S16-621-43-10-4	S16-621-43-9-5
	6	S14-351-63-8-4	S16-801-63-9-1	S16-801-63-9-1	S16-801-63-8-1	S18-801-63-10-1
	8	S16-751-83-11-1	S16-801-83-9-1	S18-801-83-11-2	S18-801-83-9-1	S21-801-83-9-1
	10	S18-751-103-10-1	S21-751-103-13-1	S21-801-103-9-6	S21-801-103-9-6	S28-1001-103-17-1
	12	S18-751-123-10-1	S21-751-123-13-3	S21-1001-123-11-1	S24-1001-123-14-1	S24-802-123-14-6
	14	S18-751-143-10-1	S21-751-143-12-3	S21-1001-143-10-1	S24-1001-143-13-1	S24-802-143-11-4
	16	S21-751-163-14-6	S21-1001-163-12-1	S21-1001-163-10-1	S24-1001-163-12-1	S24-802-163-10-4
	20	S21-1001-203-11-1	S24-1001-203-12-5	S24-752-203-12-1	S28-753-203-16-1	S28-1002-203-17-2
	24	S24-1001-243-12-2	S28-752-243-13-4	S28-753-243-16-3	S28-1002-243-14-2	S28-804-243-13-6
10	2	S14-351-23-10-2	S16-351-23-12-3	S16-621-23-11-4	S16-621-23-11-4	S16-621-23-9-1
	3	S14-351-33-9-3	S16-751-33-12-1	S16-621-33-8-3	S16-621-33-8-3	S16-621-33-8-3
	4	S14-351-43-8-3	S16-801-43-10-1	S16-801-43-10-1	S16-801-43-8-1	S18-801-43-10-1
	6	S16-751-63-11-1	S16-801-63-9-1	S18-801-63-11-2	S18-801-63-9-1	S21-801-63-10-2
	8	S18-751-83-10-1	S21-751-83-13-3	S21-801-83-9-6	S24-1001-83-14-1	S24-802-83-14-6
	10	S21-751-103-15-6	S21-751-103-12-3	S21-1001-103-10-1	S24-1001-103-13-1	S24-802-103-10-1
	12	S21-751-123-14-6	S21-1001-123-12-1	S21-1001-123-10-1	S24-1001-123-12-1	S24-802-123-10-4
	20	S21-1001-143-11-1	S24-1001-143-11-4	S24-752-143-12-1	S28-753-143-16-1	S28-803-143-11-5
8	2W	S14-351-27-8-3	S16-801-27-10-1	S16-801-27-10-1	S16-801-27-8-1	S18-801-27-10-1
	3W	S16-751-37-11-1	S16-801-37-9-1	S18-801-37-11-2	S18-801-37-9-1	S21-801-37-11-4
	3G	S16-751-47-11-1	S16-801-47-9-1	S18-801-47-9-3	S18-801-47-9-3	S21-801-47-8-1
	4W	S16-751-47-9-1	S16-801-47-9-1	S18-801-47-8-1	S21-801-47-10-6	S21-801-47-8-1
6	2W	S16-751-27-11-1	S16-801-27-9-1	S18-801-27-11-1	S18-801-27-9-1	S21-801-27-12-5
	3W	S16-751-37-8-1	S16-801-37-8-1	S18-801-37-8-1	S18-801-37-8-1	S21-801-37-8-1
	3G	S18-751-47-10-1	S21-751-47-11-2	S21-1001-47-11-1	S24-1001-47-14-2	S21-802-47-9-1
	4W	S18-751-47-10-1	S21-751-47-11-2	S21-1001-47-11-1	S24-1001-47-14-2	S24-802-47-11-4
4	2W	S18-751-212-10-1	S21-751-212-11-2	S21-1001-212-11-1	S24-1001-212-13-1	S24-802-212-11-5
	3W	S18-751-312-10-1	S21-751-312-11-2	S21-1001-312-11-1	S24-1001-312-13-1	S24-802-312-11-5
	3G	S21-751-412-10-4	S21-1001-412-12-1	S21-1001-412-10-1	S28-753-412-18-2	S24-803-412-13-6
	4W	S21-751-412-10-4	S21-1001-412-12-1	S21-1001-412-10-1	S28-802-412-10-5	S24-803-412-13-5
2	2W	S21-1001-212-11-1	S24-1001-212-11-4	S24-752-212-12-2	S28-1002-212-18-4	S28-803-212-11-5
	3W	S21-1001-312-14-1	S21-1001-312-12-2	S24-1001-312-10-1	S28-753-312-18-2	S28-1002-312-17-2
	3G	S21-1001-412-11-1	S24-753-412-11-1	S28-753-412-14-2	S28-804-412-11-5	S28-804-412-11-5
	4W	S21-1001-412-11-1	S24-752-412-11-3	S28-753-412-14-2	S28-1002-412-14-2	S28-804-412-12-6
1	2W	S21-1001-220-11-1	S24-1001-220-11-3	S28-753-220-20-4	S28-753-220-16-1	S28-1002-220-15-1
	3W	S24-752-320-13-6	S28-753-320-19-6	S28-753-320-13-2	S28-1002-320-13-2	S28-1003-320-15-1
	3G	S24-753-420-13-4	S28-1002-420-14-6	S28-754-420-13-2	S28-1003-420-14-3	S28-1004-420-14-1
1/0	2W	S24-1001-220-12-6	S28-753-220-20-6	S28-753-220-15-3	S28-1002-220-13-1	S28-804-220-12-5

Lift/Drag Reels Continued

COMPLETE DIMENSIONAL DATA is available on the following pages. Refer to the first three digits of the model number.

*** TRAVELS GREATER THAN 120 FEET ARE POSSIBLE** for those wire sizes with a ✓ next to them. Consult factory for additional reel models.

FEET OF ACTIVE TRAVEL					No. of Cond.	WIRE SIZE (AWG)	
80	90	100	110	120*			
S16-621-23-12-1	S16-621-23-12-1	S18-621-23-14-1	S21-621-23-17-2	S21-621-23-17-2	2✓	16	
S16-621-33-12-2	S16-621-33-12-2	S18-621-33-14-2	S21-621-33-17-5	S28-801-33-24-1	3✓		
S16-621-43-12-2	S16-621-43-12-2	S18-621-43-14-3	S24-801-43-20-1	S24-801-43-20-1	4✓		
S16-621-63-10-2	S18-621-63-12-4	S21-801-63-16-1	S24-801-63-19-1	S28-801-63-21-2	6✓		
S18-621-83-10-4	S21-801-83-16-1	S24-801-83-19-4	S24-801-83-17-1	S24-622-83-15-2	8✓		
S21-801-103-14-1	S21-801-103-14-1	S21-622-103-14-5	S24-622-103-13-3	S28-802-103-21-1	10✓		
S21-801-123-13-2	S24-801-123-15-3	S21-622-123-11-2	S28-802-123-21-1	S28-802-123-21-1	12✓		
S21-801-143-13-3	S21-622-143-10-3	S24-802-143-16-1	S24-802-143-16-1	S28-802-143-20-2	14✓		
S18-622-163-10-5	S21-802-163-13-1	S24-802-163-16-1	S24-802-163-16-1	S28-803-163-21-1	16✓		
S28-1001-203-20-1	S24-802-203-15-1	S28-802-203-17-3	S28-803-203-21-2	S28-803-203-21-2	20✓		
S24-802-243-12-2	S24-803-243-10-1	S28-803-243-20-6	S28-803-243-18-3	S28-803-243-17-1	24✓		
S24-802-303-11-3	S28-803-303-17-5	S28-803-303-16-3	S28-804-303-17-1	S28-804-303-17-1	30✓		
S28-1002-363-19-1	S28-803-363-13-3	S28-804-363-16-2	S28-804-363-16-2	S28-1004-363-13-C-1	36✓		
S16-621-23-11-1	S18-621-23-13-2	S21-801-23-16-1	S24-801-23-19-1	S28-801-23-24-4	2✓		14
S16-621-33-11-2	S18-621-33-12-3	S21-801-33-16-1	S24-801-33-19-1	S28-801-33-21-2	3✓		
S18-621-43-11-5	S21-801-43-16-1	S21-801-43-16-1	S24-801-43-18-1	S24-622-43-15-1	4✓		
S21-801-63-15-1	S21-801-63-15-1	S24-801-63-15-1	S28-802-63-22-1	S28-802-63-22-1	6✓		
S21-801-83-13-3	S21-622-83-10-3	S24-802-83-16-1	S28-802-83-20-3	S28-802-83-19-1	8✓		
S21-801-103-10-1	S21-622-103-8-2	S28-802-103-19-5	S28-802-103-17-1	S28-803-103-21-1	10✓		
S28-1001-123-20-1	S24-802-123-15-1	S28-802-123-17-3	S28-803-123-21-2	S28-803-123-21-2	12✓		
S24-802-143-14-1	S24-802-143-14-1	S28-802-143-14-1	S28-803-143-20-4	S32-803-143-18-1	14✓		
S24-802-163-11-1	S28-803-163-18-5	S28-803-163-17-4	S28-803-163-16-2	S28-804-163-17-1	16✓		
S28-802-203-10-1	S28-803-203-14-3	S28-803-203-13-1	S28-804-203-16-1	S28-1004-203-13-C-1	20✓		
S28-803-243-13-6	S28-803-243-11-2	S28-804-243-12-1	S28-1004-243-12-C-2		24		
S28-804-303-13-5	S32-1004-303-21-1				30		
S16-621-23-9-1	S18-621-23-11-2	S21-801-23-16-1	S24-801-23-19-1	S24-622-23-17-4	2✓	12	
S18-621-33-10-3	S21-801-33-16-1	S21-801-33-16-1	S21-622-33-14-1	S24-802-33-19-1	3✓		
S16-622-43-9-1	S21-801-43-14-1	S24-801-43-16-2	S21-622-43-13-1	S28-802-43-24-1	4✓		
S21-801-63-13-3	S21-622-63-9-1	S24-802-63-16-1	S24-802-63-16-1	S28-803-63-21-1	6✓		
S21-622-83-8-2	S24-802-83-15-1	S28-802-83-17-3	S28-802-83-16-1	S28-803-83-21-2	8✓		
S24-802-103-12-1	S24-802-103-10-1	S28-803-103-20-6	S28-803-103-18-3	S28-803-103-17-1	10✓		
S24-802-123-11-1	S28-803-123-18-4	S28-803-123-17-3	S28-803-123-16-2	S28-804-123-17-1	12✓		
S24-802-143-11-4	S28-803-143-17-6	S28-803-143-14-2	S28-804-143-17-1	S28-804-143-17-1	14✓		
S28-1002-163-19-1	S28-803-163-13-2	S28-804-163-19-6	S28-804-163-16-2	S28-1004-163-13-C-1	16✓		
S28-803-203-12-5	S28-804-203-14-4	S28-804-203-12-1	S28-1004-203-11-C-1		20		
S32-804-243-12-6					24		
S16-621-23-9-1	S21-801-23-16-1	S24-801-23-18-3	S24-801-23-17-1	S24-622-23-14-1	2✓		10
S16-622-33-9-1	S21-801-33-14-1	S21-622-33-13-3	S24-802-33-17-1	S28-802-33-24-3	3✓		
S21-801-43-13-1	S21-801-43-13-1	S21-622-43-11-2	S28-802-43-21-3	S28-802-43-20-1	4✓		
S21-622-63-8-4	S24-802-63-15-1	S28-802-63-17-3	S28-803-63-21-2	S28-803-63-21-2	6✓		
S24-802-83-11-1	S28-803-83-18-4	S28-803-83-17-3	S28-803-83-16-1	S28-804-83-17-1	8✓		
S28-802-103-10-1	S28-803-103-17-6	S28-803-103-14-2	S28-804-103-17-1	S28-804-103-17-1	10✓		
S28-1002-123-19-1	S28-803-123-13-2	S28-804-123-19-6	S28-804-123-16-2	S28-1004-123-13-C-1	12✓		
S28-804-143-14-6	S28-804-143-13-4	S28-1004-143-15-B-2			14		
S32-1004-203-18-1					20		
S21-801-27-13-1	S21-801-27-13-1	S21-622-27-11-3	S24-802-27-16-1	S28-802-27-21-2	2W✓	8	
S21-622-37-9-6	S24-802-37-15-1	S28-802-37-18-4	S24-623-37-10-1	S28-803-37-21-1	3W✓		
S21-802-47-10-1	S24-802-47-15-4	S24-802-47-13-1	S28-803-47-19-3	S28-803-47-18-1	3G✓		
S24-802-47-14-1	S24-802-47-12-1	S24-623-47-8-1	S28-803-47-20-4	S32-803-47-18-1	4W✓		
S21-801-27-10-1	S21-622-27-8-1	S28-802-27-19-4	S28-802-27-18-2	S28-803-27-21-1	2W✓	6	
S24-802-37-14-2	S24-802-37-12-1	S24-623-37-8-1	S28-803-37-18-1	S28-804-37-20-1	3W✓		
S24-802-47-11-3	S24-802-47-10-1	S28-803-47-14-1	S28-804-47-18-3	S28-804-47-17-1	3G✓		
S24-802-47-11-4	S28-803-47-17-6	S28-804-47-17-1	S28-804-47-17-1	S28-804-47-17-1	4W✓		
S24-802-212-9-1	S28-803-212-16-5	S28-804-212-17-2	S28-804-212-17-2	S28-804-212-9-B-2	2W✓	4	
S24-802-312-9-1	S28-803-312-16-5	S28-804-312-17-2	S28-804-312-17-2	S28-804-312-9-B-2	3W✓		
S24-803-412-10-1	S28-803-412-10-1	S28-804-412-13-2	S28-1004-412-11-C-1		3G		
S28-803-412-12-3	S28-803-412-11-1	S28-804-412-14-2	S28-1004-412-16-B-1		4W		
S28-804-212-14-6	S28-804-212-13-4				2W	2	
S28-803-312-11-4	S28-804-312-13-3	S28-804-312-12-1	S28-1004-312-10-C-1		3W		
S28-1004-412-18-1	S28-1004-412-11-B-1				3G		
S28-804-412-11-4	S32-1004-412-21-1				4W		
S28-804-220-14-6	S28-804-220-13-4	S28-804-220-11-1			2W	1	
S32-1004-320-19-1	S32-1004-320-19-1				3W		
					3G		
S32-1004-220-18-1					2W	1/0	

Stretch Reels

SELECTION CHART

NOTE: Capacities based on 6% sag, speed of 150 ft./min. and acceleration of .75 ft./sec.². Capacities based on cable of average weight and diameter. [Refer to page 31.](#)

(See "How to Select Reels" for explanation of Active Travel.)

WIRE SIZE (AWG)	No. of Cond.	FEET OF ACTIVE TRAVEL				
		30	40	50	60	70
16	2	S14-351-23-10-2	S16-351-23-12-3	S14-601-23-10-2	S16-621-23-12-2	S16-621-23-12-2
	3	S14-351-33-10-3	S16-351-33-12-3	S16-621-33-12-2	S16-621-33-12-2	S16-621-33-12-2
	4	S14-351-43-10-3	S16-351-43-12-3	S16-621-43-11-6	S16-621-43-11-6	S16-621-43-11-6
	6	S14-351-63-10-4	S16-751-63-12-1	S16-621-63-9-5	S16-621-63-9-5	S16-621-63-8-2
	8	S14-751-83-10-1	S16-751-83-12-1	S16-801-83-11-1	S16-801-83-11-1	S18-801-83-13-1
	10	S14-751-103-8-1	S16-801-103-10-1	S16-801-103-10-1	S16-801-103-9-1	S18-801-103-11-1
	12	S14-751-123-8-1	S16-801-123-10-2	S16-801-123-10-2	S18-801-123-12-5	S18-801-123-10-2
	14	S14-751-143-8-1	S16-801-143-10-2	S16-801-143-10-2	S16-801-143-8-2	S18-622-143-8-4
	16	S14-751-163-8-1	S16-801-163-9-2	S16-801-163-9-2	S16-801-163-8-2	S24-1001-163-17-1
	20	S16-751-203-11-1	S16-801-203-9-5	S18-801-203-8-4	S21-1001-203-14-1	S21-802-203-12-1
	24	S18-751-243-10-2	S21-1001-243-13-1	S21-1001-243-11-1	S21-802-243-9-2	S21-802-243-9-2
30	S18-751-303-10-4	S21-1001-303-13-1	S21-1001-303-11-1	S24-802-303-10-6	S24-802-303-9-4	
36	S21-1001-363-14-1	S21-1001-363-12-5	S24-752-363-12-1	S24-1002-363-13-1	S24-803-363-10-2	
14	2	S14-351-23-10-2	S14-351-23-10-2	S16-621-23-10-4	S16-621-23-10-4	S16-621-23-10-4
	3	S14-351-33-10-3	S16-751-33-12-1	S16-621-33-9-4	S16-621-33-9-4	S16-801-33-11-1
	4	S14-351-43-10-4	S16-751-43-12-1	S16-621-43-8-5	S16-621-43-8-5	S16-801-43-11-1
	6	S14-751-63-8-1	S16-751-63-12-1	S16-801-63-10-1	S16-801-63-10-1	S18-801-63-12-4
	8	S14-751-83-8-1	S16-801-83-10-2	S16-801-83-10-2	S16-801-83-8-1	S18-622-83-8-4
	10	S16-751-103-11-1	S16-801-103-9-2	S18-801-103-9-5	S21-801-103-8-2	S21-802-103-12-1
	12	S16-751-123-11-1	S16-801-123-9-4	S18-801-123-9-6	S21-1001-123-14-1	S21-802-123-12-1
	14	S18-751-143-12-1	S18-751-143-10-1	S21-1001-143-13-1	S21-802-143-11-2	S21-802-143-11-2
	16	S18-751-163-10-2	S21-1001-163-13-1	S21-1001-163-11-1	S21-802-163-11-5	S24-802-163-10-5
	20	S21-1001-203-15-1	S21-1001-203-12-1	S21-1001-203-10-1	S28-802-203-10-6	S24-803-203-13-6
	24	S21-1001-243-11-1	S24-1001-243-11-5	S28-753-243-17-3	S28-1002-243-16-3	S28-803-243-11-6
30	S24-752-303-13-6	S28-753-303-17-5	S28-753-303-13-1	S28-1003-303-17-2	S28-1003-303-17-2	
12	2	S14-351-23-10-2	S16-751-23-12-1	S16-621-23-9-6	S16-621-23-9-6	S16-621-23-8-2
	3	S14-351-33-10-5	S16-751-33-12-1	S16-621-33-8-6	S16-801-33-11-1	S16-801-33-11-1
	4	S14-351-43-8-3	S16-751-43-12-1	S16-801-43-10-1	S16-801-43-10-1	S18-801-43-12-2
	6	S14-751-63-8-1	S16-801-63-9-1	S16-801-63-9-1	S16-801-63-8-1	S18-801-63-9-1
	8	S16-751-83-11-1	S16-801-83-9-3	S18-801-83-9-6	S21-801-83-8-3	S21-802-83-12-1
	10	S18-751-103-10-1	S21-751-103-11-2	S21-1001-103-11-1	S24-1001-103-13-1	S21-802-103-9-1
	12	S18-751-123-10-1	S21-1001-123-13-1	S21-1001-123-11-1	S21-802-123-11-4	S24-802-123-11-6
	14	S18-751-143-10-4	S21-1001-143-13-2	S21-1001-143-10-1	S24-802-143-9-4	S24-802-143-9-4
	16	S21-1001-163-14-1	S21-1001-163-12-3	S21-1001-163-10-1	S24-1002-163-13-1	S24-803-163-10-1
	20	S21-1001-203-11-1	S24-752-203-11-2	S24-753-203-12-1	S28-1002-203-15-2	S28-804-203-12-5
	24	S24-752-243-13-6	S28-753-243-16-5	S28-753-243-13-2	S28-1003-243-17-1	S28-1003-243-14-1
10	2	S14-351-23-10-5	S16-751-23-12-1	S16-801-23-11-1	S16-801-23-11-1	S18-801-23-13-2
	3	S14-351-33-8-4	S16-751-33-12-1	S16-801-33-10-1	S16-801-33-10-1	S18-801-33-11-1
	4	S14-751-43-8-1	S16-801-43-10-1	S16-801-43-10-1	S16-801-43-8-1	S18-801-43-10-2
	6	S16-751-63-11-1	S16-801-63-9-3	S18-801-63-9-6	S21-801-63-8-3	S21-802-63-12-1
	8	S18-751-83-10-1	S21-1001-83-13-1	S21-1001-83-11-1	S21-802-83-11-4	S24-802-83-11-6
	10	S21-751-103-10-4	S21-1001-103-12-1	S21-1001-103-10-1	S28-802-103-10-5	S24-803-103-10-1
	12	S21-1001-123-15-1	S21-1001-123-12-3	S21-1001-123-10-1	S24-1002-123-13-1	S24-803-123-10-1
	14	S21-1001-143-11-1	S24-752-143-11-3	S24-753-143-12-1	S28-1002-143-14-2	S28-804-143-12-6
	20	S24-753-203-13-1	S28-753-203-13-4	S28-1002-203-13-4	S28-1003-203-17-4	S28-1003-203-14-1
	8	2W	S14-751-27-8-1	S16-801-27-10-1	S16-801-27-10-1	S16-801-27-8-1
3W		S16-751-37-11-1	S16-801-37-9-3	S18-801-37-9-5	S21-801-37-8-3	S21-802-37-12-1
3G		S16-751-47-11-1	S18-801-47-8-6	S18-801-47-8-6	S18-802-47-9-1	S21-802-47-12-5
4W		S16-751-47-9-1	S16-801-47-8-4	S18-801-47-8-6	S21-802-47-11-2	S21-802-47-11-2
6	2W	S16-751-27-11-1	S16-801-27-9-1	S18-801-27-9-3	S18-801-27-9-3	S21-801-27-8-1
	3W	S16-751-37-8-1	S16-801-37-8-5	S21-1001-37-13-1	S18-802-37-8-1	S21-802-37-11-3
	3G	S18-751-47-10-3	S21-1001-47-13-1	S21-1001-47-11-1	S21-802-47-9-3	S21-802-47-9-3
	4W	S18-751-47-10-3	S21-1001-47-13-2	S21-1001-47-11-1	S24-802-47-9-4	S24-802-47-9-4
4	2W	S18-751-212-10-4	S21-1001-212-13-5	S21-1001-212-11-2	S24-802-212-9-5	S24-803-212-11-3
	3W	S18-751-312-10-4	S21-1001-312-13-5	S21-1001-312-11-2	S24-802-312-9-5	S24-803-312-11-2
	3G	S21-1001-412-14-6	S21-752-412-12-3	S24-753-412-14-1	S24-1002-412-13-1	S24-804-412-10-1
	4W	S21-1001-412-14-2	S21-1001-412-10-3	S24-753-412-15-1	S24-1002-412-13-1	S24-803-412-10-5
2	2W	S21-1001-212-11-1	S24-752-212-11-3	S24-753-212-12-1	S28-1002-212-14-2	S28-804-212-12-6
	3W	S21-1001-312-11-6	S21-1001-312-10-4	S24-753-312-14-2	S24-1002-312-12-1	S28-804-312-12-6
	3G	S21-752-412-11-5	S24-753-412-11-2	S28-1002-412-11-1	S28-1003-412-15-2	S28-1004-412-17-1
	4W	S21-752-412-11-3	S24-753-412-11-1	S28-1002-412-12-2	S28-1003-412-16-3	S28-1004-412-18-2
1	2W	S21-1001-220-11-1	S24-752-220-11-3	S28-753-220-14-2	S28-1002-220-14-2	S28-804-220-12-6
	3W	S24-753-320-13-2	S28-753-320-12-3	S28-754-320-15-3	S28-1003-320-15-3	S28-1004-320-15-1
	3G	S24-753-420-13-6	S28-754-420-13-4	S28-1003-420-15-5	S28-1004-420-14-1	S28-1004-420-14-1
1/0	2W	S24-753-220-13-1	S28-753-220-14-4	S28-1002-220-13-4	S28-1003-220-17-3	S28-1003-220-14-1

Stretch Reels Continued

COMPLETE DIMENSIONAL DATA is available on the following pages. Refer to the first three digits of the model number.

* TRAVELS GREATER THAN 120 FEET ARE POSSIBLE for those wire sizes with a ✓ next to them. Consult factory for additional reel models.

FEET OF ACTIVE TRAVEL					No. of Cond.	WIRE SIZE (AWG)	
80	90	100	110	120*			
S16-621-23-12-2	S16-621-23-12-2	S21-801-23-17-1	S24-801-23-20-1	S28-801-23-24-4	2✓	16	
S16-621-33-12-2	S16-621-33-12-2	S21-801-33-17-1	S24-801-33-20-1	S21-622-33-17-1	3✓		
S18-801-43-14-1	S16-622-43-12-1	S21-801-43-17-1	S18-622-43-14-1	S24-802-43-20-1	4✓		
S18-801-63-13-1	S21-801-63-16-3	S18-622-63-12-1	S24-802-63-19-1	S28-802-63-24-3	6✓		
S16-622-83-9-2	S18-622-83-11-2	S24-802-83-19-1	S24-802-83-17-1	S28-802-83-20-1	8✓		
S18-622-103-9-2	S21-802-103-14-1	S24-802-103-17-1	S24-802-103-17-1	S28-803-103-21-1	10✓		
S18-622-123-8-2	S21-802-123-13-1	S24-802-123-16-1	S28-803-123-21-2	S28-803-123-21-2	12✓		
S21-802-143-13-1	S21-802-143-13-1	S24-803-143-16-1	S24-803-143-16-1	S28-803-143-19-1	14✓		
S21-802-163-13-1	S21-802-163-13-1	S24-803-163-16-1	S24-803-163-16-1	S28-804-163-21-1	16✓		
S21-802-203-10-1	S24-803-203-15-1	S28-803-203-16-2	S28-804-203-21-5	S28-804-203-18-1	20✓		
S24-802-243-10-3	S24-803-243-10-1	S28-804-243-18-5	S28-804-243-16-1	S28-1004-243-18-B-1	24✓		
S24-803-303-11-1	S28-804-303-17-6	S28-804-303-14-1	S28-1004-303-16-B-1	S28-1004-303-9-K-1	30		
S28-804-363-15-6	S28-804-363-13-3	S28-1004-363-19-A-1			36		
S18-801-23-13-1	S21-801-23-16-1	S21-801-23-16-1	S21-622-23-14-1	S28-802-23-24-1	2✓		14
S18-801-33-13-1	S21-801-33-16-3	S18-622-33-12-1	S24-802-33-19-1	S28-802-33-24-4	3✓		
S18-801-43-13-1	S18-622-43-11-1	S21-802-43-16-1	S24-802-43-19-1	S28-802-43-20-1	4✓		
S18-622-63-9-1	S21-802-63-15-1	S24-802-63-18-4	S21-624-63-13-1	S28-803-63-22-3	6✓		
S21-802-83-13-1	S21-802-83-13-1	S24-803-83-16-1	S28-803-83-19-2	S28-804-83-21-1	8✓		
S21-802-103-10-1	S24-802-103-13-2	S28-803-103-18-4	S28-804-103-21-4	S28-804-103-18-1	10✓		
S21-802-123-10-1	S24-803-123-15-1	S28-803-123-16-2	S28-804-123-20-4	S28-804-123-18-1	12✓		
S24-802-143-11-3	S24-803-143-14-1	S28-803-143-14-1	S28-804-143-17-2	S28-804-143-9-B-1	14✓		
S24-802-163-9-2	S28-803-163-12-1	S28-804-163-15-2	S28-1004-163-17-B-1	S28-1004-163-13-C-1	16		
S28-803-203-11-2	S28-804-203-14-3	S28-804-203-13-1	S28-1004-203-11-C-1		20		
S28-804-243-13-6	S28-804-243-11-2				24		
S32-1004-303-20-2					30		
S18-801-23-13-1	S21-801-23-14-1	S21-622-23-12-2	S24-802-23-19-1	S28-802-23-23-4	2✓	12	
S18-801-33-13-1	S18-622-33-11-2	S21-802-33-16-1	S24-802-33-19-1	S24-802-33-19-1	3✓		
S16-622-43-9-1	S21-802-43-14-1	S24-802-43-18-2	S24-802-43-17-1	S28-803-43-24-4	4✓		
S21-802-63-13-1	S21-802-63-13-1	S24-803-63-16-1	S24-803-63-16-1	S28-804-63-21-1	6✓		
S24-802-83-13-4	S24-803-83-15-1	S28-803-83-16-2	S28-804-83-21-5	S28-804-83-18-1	8✓		
S24-802-103-10-2	S24-803-103-10-1	S28-804-103-18-5	S28-804-103-16-1	S28-804-103-9-B-1	10✓		
S24-802-123-9-2	S28-803-123-13-2	S28-804-123-16-3	S28-804-123-15-1	S28-1004-123-13-C-1	12		
S24-803-143-11-1	S28-804-143-15-4	S28-804-143-14-2	S28-1004-143-16-B-1		14		
S28-803-163-11-3	S28-804-163-13-2	S28-1004-163-19-A-1			16		
S28-804-203-12-5	S32-1004-203-21-1				20		
S32-1004-243-18-1					24		
S16-622-23-9-1	S18-622-23-11-3	S24-802-23-19-1	S24-802-23-17-1	S28-803-23-24-1	2✓		10
S16-622-33-9-1	S21-802-33-14-1	S24-802-33-17-2	S24-803-33-17-1	S28-803-33-22-3	3✓		
S21-802-43-13-1	S21-802-43-13-1	S21-623-43-10-1	S28-803-43-20-3	S28-804-43-21-1	4✓		
S21-802-63-10-1	S24-803-63-15-1	S28-803-63-16-2	S28-804-63-21-5	S28-804-63-18-1	6✓		
S24-802-83-9-2	S28-803-83-13-2	S28-804-83-16-3	S28-804-83-15-1	S28-1004-83-13-C-1	8		
S28-803-103-12-3	S28-804-103-15-4	S28-804-103-14-2	S28-1004-103-11-C-1		10		
S28-803-123-10-1	S28-804-123-13-2	S28-1004-123-19-A-1			12		
S28-804-143-11-4	S28-1004-143-11-B-1				14		
S32-1004-203-17-1					20		
S18-622-27-8-1	S21-802-27-13-1	S24-802-27-16-2	S24-803-27-16-1	S28-803-27-21-3	2W✓	8	
S21-802-37-10-1	S24-802-37-12-1	S28-803-37-17-3	S28-804-37-21-5	S28-804-37-18-1	3W✓		
S21-802-47-10-1	S24-803-47-13-1	S24-803-47-13-1	S28-804-47-16-1	S24-804-47-9-B-2	3G✓		
S24-802-47-10-1	S24-803-47-12-1	S24-624-47-8-1	S28-804-47-17-2	S24-804-47-8-B-1	4W✓		
S21-802-27-10-1	S24-802-27-13-2	S28-803-27-19-5	S28-803-27-17-1	S28-804-27-21-3	2W✓	6	
S24-802-37-10-1	S24-803-37-12-1	S28-804-37-17-3	S28-804-37-16-1	S28-804-37-9-B-1	3W✓		
S24-803-47-12-4	S24-803-47-10-1	S28-804-47-11-A-2	S28-1004-47-12-C-1		3G		
S24-803-47-11-1	S28-804-47-15-4	S28-804-47-10-A-1	S28-1004-47-10-J-1		4W		
S24-803-212-11-3	S28-804-212-14-3	S28-804-212-10-A-1	S28-1004-212-10-J-1		2W	4	
S24-803-312-11-2	S28-804-312-14-3	S28-804-312-10-A-1	S28-1004-312-10-J-1		3W		
S24-804-412-10-1	S28-804-412-10-1				3G		
S28-804-412-12-3	S28-804-412-11-1				4W		
S28-804-212-11-4	S28-1004-212-11-B-1				2W	2	
S28-804-312-11-4	S28-1004-312-11-B-1				3W		
S28-1004-412-13-A-1					3G		
S28-1004-412-13-A-1					4W		
S28-804-220-11-4	S28-1004-220-11-B-1				2W	1	
					3W		
					3G		
S32-1004-220-17-1					2W	1/0	

Retrieve Reels

SELECTION CHART

NOTE: Capacities based on 3 ft. lift to center line of reel, speed of 150 ft./min. and acceleration of 1.0 ft./sec². Capacities based on cable of average weight and diameter. Refer to page 31.

(See "How to Select Reels" for explanation of Active Travel.)

WIRE SIZE (AWG)	No. of Cond.	FEET OF ACTIVE TRAVEL						
		30	40	50	60	70	80	
16	2	S14-351-23-10-3	S16-351-23-12-3	S16-601-23-12-3	S16-621-23-12-2	S16-621-23-12-2	S16-621-23-12-2	
	3	S14-351-33-10-3	S16-351-33-12-3	S16-601-33-12-3	S16-621-33-12-2	S16-621-33-12-2	S16-621-33-12-2	
	4	S14-351-43-10-4	S14-601-43-10-3	S16-601-43-12-4	S16-621-43-12-2	S16-621-43-12-2	S16-621-43-12-2	
	6	S14-351-63-10-5	S14-601-63-9-4	S16-601-63-12-4	S16-621-63-11-3	S16-621-63-11-3	S16-621-63-10-3	
	8	S14-351-83-10-5	S14-601-83-9-5	S16-621-83-11-3	S16-621-83-11-3	S16-621-83-9-3	S16-621-83-11-3	
	10	S14-601-103-8-6	S16-621-103-10-4	S16-621-103-10-4	S16-621-103-9-4	S16-621-103-9-4	S18-621-103-11-5	
	12	S14-751-123-8-1	S16-621-123-10-5	S16-621-123-10-5	S16-621-123-8-5	S18-621-123-10-6	S21-621-123-12-6	
	14	S14-751-143-8-1	S16-621-143-10-6	S16-621-143-10-6	S16-621-143-8-6	S18-621-143-10-2	S21-621-143-13-2	
	16	S14-751-163-8-1	S16-801-163-9-2	S16-801-163-9-2	S18-801-163-8-2	S18-801-163-10-2	S18-801-163-13-2	
	20	S16-751-203-11-2	S16-801-203-9-3	S18-801-203-11-3	S18-801-203-9-3	S21-801-203-12-3	S24-801-203-15-3	
	24	S18-751-243-10-2	S21-751-243-13-2	S24-751-243-16-2	S21-801-243-9-3	S21-801-243-9-3	S24-801-243-12-4	
30	S18-751-303-10-2	S21-751-303-13-2	S24-751-303-16-2	S21-801-303-11-5	S24-801-303-14-6	S24-802-303-11-2		
36	S21-751-363-14-3	S21-751-363-12-3	S28-751-363-21-4	S28-1001-363-21-2	S28-1001-363-19-2	S32-1001-363-23-2		
14	2	S14-351-23-10-3	S16-351-23-12-3	S14-601-23-10-3	S16-621-23-11-2	S16-621-23-11-2	S16-621-23-11-2	
	3	S14-351-33-10-4	S16-351-33-12-4	S16-601-33-12-3	S16-621-33-11-2	S16-621-33-11-2	S16-621-33-11-2	
	4	S14-351-43-10-4	S16-351-43-12-4	S16-601-43-12-4	S16-621-43-11-2	S16-621-43-11-2	S18-621-43-13-3	
	6	S16-351-63-12-5	S16-601-63-12-5	S16-621-63-10-3	S16-621-63-10-3	S16-621-63-8-3	S16-621-63-10-3	
	8	S16-351-83-10-6	S16-621-83-10-4	S16-621-83-10-4	S16-621-83-8-4	S18-621-83-10-5	S21-621-83-13-6	
	10	S16-751-103-11-1	S16-621-103-9-5	S18-621-103-11-6	S18-621-103-9-6	S21-621-103-8-6	S24-801-103-15-2	
	12	S16-751-123-11-1	S16-621-123-9-6	S18-621-123-11-2	S18-801-123-9-2	S21-801-123-12-2	S24-801-123-15-3	
	14	S18-751-143-12-2	S18-801-143-10-2	S24-751-143-16-2	S21-801-143-11-3	S21-801-143-11-3	S24-801-143-14-3	
	16	S18-751-163-10-2	S21-751-163-13-2	S24-751-163-16-2	S21-801-163-11-3	S24-801-163-14-3	S24-801-163-11-3	
	20	S21-751-203-15-2	S21-751-203-12-2	S24-751-203-15-2	S28-751-203-22-2	S28-751-203-22-2	S28-801-203-18-6	
	24	S21-751-243-11-2	S24-751-243-11-2	S28-751-243-21-3	S28-1001-243-18-2	S28-1001-243-18-2	S32-1001-243-22-2	
30	S24-751-303-13-3	S28-751-303-20-4	S28-751-303-20-4	S28-1001-303-17-2	S28-1001-303-17-2	S32-1001-303-21-2		
12	2	S14-351-23-10-3	S16-351-23-12-4	S16-601-23-12-3	S16-621-23-11-2	S16-621-23-11-2	S18-621-23-13-2	
	3	S14-351-33-10-4	S16-351-33-12-4	S16-601-33-12-4	S16-621-33-11-2	S16-621-33-11-2	S18-621-33-13-3	
	4	S14-351-43-9-4	S14-601-43-9-4	S16-621-43-10-3	S16-621-43-10-3	S16-621-43-9-3	S18-621-43-11-3	
	6	S16-351-63-11-6	S16-601-63-9-5	S16-621-63-9-3	S16-621-63-8-3	S18-621-63-10-4	S18-621-63-10-4	
	8	S16-751-83-11-1	S16-621-83-9-5	S18-621-83-11-5	S18-621-83-9-5	S21-621-83-11-6	S21-621-83-9-6	
	10	S18-751-103-10-1	S21-751-103-13-2	S24-751-103-16-2	S21-801-103-11-2	S21-801-103-9-2	S24-801-103-12-3	
	12	S18-751-123-10-2	S21-751-123-13-2	S24-751-123-16-2	S21-801-123-11-3	S24-801-123-14-3	S18-621-123-11-3	
	14	S18-751-143-10-2	S21-751-143-13-2	S24-751-143-16-2	S28-751-143-22-2	S28-751-143-22-2	S24-801-143-11-3	
	16	S21-751-163-14-2	S21-751-163-12-2	S24-751-163-15-2	S28-751-163-21-2	S24-801-163-13-3	S28-801-163-19-6	
	20	S21-751-203-11-2	S24-751-203-12-2	S24-751-203-12-2	S28-1001-203-18-2	S28-1001-203-18-2	S32-1001-203-22-2	
	24	S24-751-243-13-3	S28-751-243-20-4	S28-1001-243-17-2	S28-1001-243-17-2	S32-1001-243-21-2	S32-802-243-18-3	
10	2	S14-351-23-10-3	S16-351-23-12-4	S16-601-23-11-3	S16-621-23-11-2	S16-621-23-9-2	S16-621-23-9-2	
	3	S14-351-33-9-4	S16-351-33-12-4	S16-621-33-10-2	S16-621-33-10-2	S16-621-33-9-3	S18-621-33-11-3	
	4	S16-351-43-12-5	S16-601-43-10-5	S16-621-43-10-3	S16-621-43-8-3	S18-621-43-10-3	S21-621-43-13-4	
	6	S16-351-63-11-6	S16-601-63-9-6	S18-621-63-11-4	S16-621-63-9-5	S21-621-63-12-6	S21-621-63-10-6	
	8	S18-751-83-10-1	S21-751-83-13-1	S24-751-83-16-2	S21-801-83-11-2	S24-801-83-14-3	S24-801-83-11-3	
	10	S21-751-103-15-2	S21-751-103-12-2	S24-751-103-15-2	S28-751-103-22-2	S28-751-103-22-2	S28-801-103-19-3	
	12	S21-751-123-15-2	S21-751-123-12-2	S24-751-123-15-2	S28-751-123-22-2	S28-751-123-22-2	S28-801-123-19-5	
	14	S21-751-143-11-2	S24-751-143-12-2	S24-751-143-12-2	S28-801-143-12-6	S28-801-143-12-6	S32-1001-143-22-2	
	20	S24-751-203-13-3	S28-751-203-20-4	S28-1001-203-17-2	S28-1001-203-17-2	S32-1001-203-21-2	S32-802-203-18-3	
	8	2W	S16-351-27-11-5	S16-601-27-10-5	S16-621-27-10-3	S16-621-27-8-3	S18-621-27-10-3	S21-621-27-13-4
		3W	S16-351-37-11-6	S16-601-37-9-6	S18-621-37-11-4	S18-621-37-9-4	S21-621-37-12-6	S21-621-37-10-6
3G		S16-751-47-11-1	S16-621-47-9-5	S18-621-47-11-6	S18-621-47-9-6	S21-801-47-12-2	S24-801-47-15-2	
4W		S16-751-47-9-1	S16-621-47-9-5	S18-621-47-11-6	S21-801-47-14-2	S21-801-47-11-2	S24-801-47-14-2	
6	2W	S16-351-27-11-5	S16-601-27-9-5	S18-601-27-11-5	S18-621-27-9-3	S21-621-27-12-4	S21-621-27-10-4	
	3W	S16-751-37-8-1	S16-621-37-8-4	S18-621-37-8-5	S18-621-37-8-5	S21-801-37-11-2	S24-801-37-14-2	
	3G	S18-751-47-10-1	S21-751-47-13-2	S24-751-47-16-2	S21-801-47-9-2	S21-801-47-9-2	S24-801-47-12-3	
	4W	S18-751-47-10-1	S21-751-47-13-2	S24-751-47-16-2	S21-801-47-11-2	S24-801-47-14-3	S24-801-47-11-3	
4	2W	S18-751-212-10-1	S21-751-212-13-2	S24-751-212-16-2	S21-801-212-11-2	S24-801-212-14-3	S24-801-212-11-3	
	3W	S18-751-312-10-2	S21-751-312-13-2	S24-751-312-16-2	S21-801-312-11-3	S24-801-312-14-3	S24-801-312-11-3	
	3G	S21-751-412-14-2	S21-751-412-12-2	S24-751-412-15-2	S28-751-412-19-2	S24-801-412-13-4	S24-801-412-10-4	
	4W	S21-751-412-14-2	S21-751-412-12-2	S24-751-412-15-2	S28-751-412-21-2	S24-801-412-13-3	S28-801-412-18-6	
2	2W	S21-751-212-11-2	S24-751-212-12-2	S24-751-212-12-2	S28-751-212-18-2	S28-801-212-18-6	S28-801-212-18-6	
	3W	S21-751-312-14-2	S21-751-312-12-2	S24-751-312-15-2	S28-751-312-19-2	S28-801-312-18-6	S28-801-312-18-6	
	3G	S21-751-412-11-2	S24-751-412-11-3	S28-751-412-21-4	S28-1001-412-18-2	S28-1001-412-18-2	S32-1001-412-22-2	
	4W	S21-751-412-11-2	S24-751-412-11-2	S28-751-412-21-4	S28-1001-412-18-2	S28-1001-412-18-2	S32-1001-412-22-2	
1	2W	S21-751-220-11-2	S24-751-220-11-2	S28-751-220-20-2	S28-801-220-16-6	S28-801-220-16-6	S28-801-220-13-6	
	3W	S24-751-320-13-3	S28-751-320-20-4	S28-1001-320-17-2	S28-1001-320-17-2	S32-1001-320-21-2	S32-1001-320-19-2	
	3G	S24-751-420-13-5	S28-751-420-20-6	S28-1001-420-17-2	S28-1001-420-17-2	S32-1001-420-21-3	S32-1001-420-18-2	
1/0	2W	S24-751-220-13-2	S28-751-220-20-3	S28-751-220-16-3	S28-1001-220-17-2	S32-1001-220-21-2	S32-802-220-18-3	

Retrieve Reels Continued

COMPLETE DIMENSIONAL DATA is available on the following pages. Refer to the first three digits of the model number.

* TRAVELS GREATER THAN 200 FEET ARE POSSIBLE for those wire sizes with a ✓ next to them. Consult factory for additional reel models.

FEET OF ACTIVE TRAVEL						No. of Cond.	WIRE SIZE (AWG)	
100	120	140	160	180	200*			
S18-621-23-14-2	S21-621-23-17-2	S24-621-23-20-2	S28-621-23-24-3	S28-623-23-24-1	S21-801-23-16-E-3	2✓	16	
S18-621-33-14-2	S21-621-33-17-2	S24-621-33-20-3	S28-621-33-24-3	S28-623-33-24-1	S21-801-33-16-E-3	3✓		
S18-621-43-14-2	S21-621-43-17-3	S24-621-43-20-3	S28-621-43-24-4	S28-624-43-24-1	S24-801-43-19-D-4	4✓		
S21-621-63-16-3	S24-621-63-19-4	S28-621-63-24-6	S32-801-63-28-2	S24-801-63-16-C-3	S28-1001-63-23-F-4	6✓		
S21-621-83-14-4	S24-621-83-17-5	S32-801-83-28-2	S28-622-83-22-3	S24-1001-83-14-F-2	S24-802-83-12-F-6	8✓		
S21-621-103-14-6	S28-801-103-21-2	S32-801-103-25-3	S28-1001-103-20-E-2	S24-802-103-10-E-3	S28-802-103-20-C-3	10✓		
S24-801-123-16-2	S32-801-123-27-3	S32-801-123-25-3	S24-1001-123-13-F-3	S28-802-123-20-B-2	S28-802-123-20-C-3	12✓		
S24-801-143-16-2	S28-801-143-21-3	S32-801-143-25-3	S24-802-143-10-D-3	S28-802-143-19-C-4	S28-802-143-19-C-4	14✓		
S28-801-163-21-3	S28-801-163-21-3	S32-801-163-25-3	S28-802-163-19-B-3	S28-802-163-19-C-5	S28-1002-163-17-F-2	16✓		
S28-801-203-21-4	S32-801-203-25-5	S32-802-203-25-2	S28-802-203-16-C-6	S28-1002-203-16-F-3	S28-803-203-14-D-3	20✓		
S28-801-243-20-6	S28-802-243-18-2	S32-803-243-22-2	S28-1002-243-12-F-3	S28-804-243-10-D-3	S32-804-243-16-P-3	24✓		
S28-802-303-17-3	S32-802-303-21-3	S28-1002-303-14-E-2	S28-803-303-12-C-4	S28-804-303-10-D-3	S32-804-303-16-P-5	30✓		
S28-802-363-19-3	S32-802-363-20-3	S28-1002-363-13-F-5	S32-803-363-17-M-4	S32-804-363-14-N-3	S32-1004-363-12-Y-5	36✓		
S21-621-23-16-2	S24-621-23-19-3	S24-621-23-19-3	S28-621-23-24-4	S21-801-23-14-E-3	S24-801-23-17-D-3	2✓		14
S21-621-33-16-3	S21-621-33-16-3	S24-621-33-19-3	S28-622-33-24-2	S21-801-33-13-E-4	S24-1001-33-15-G-4	3✓		
S21-621-43-16-3	S24-621-43-19-4	S28-621-43-22-5	S32-801-43-28-2	S24-801-43-16-C-3	S21-802-43-10-F-3	4✓		
S21-621-63-13-4	S28-801-63-22-2	S32-801-63-26-3	S28-622-63-22-3	S24-802-63-13-D-3	S21-802-63-20-C-3	6✓		
S24-801-83-16-2	S28-801-83-21-2	S32-801-83-25-3	S28-1001-83-18-E-2	S24-802-83-9-E-3	S28-802-83-19-C-3	8✓		
S28-801-103-21-3	S28-801-103-21-3	S32-801-103-25-3	S28-802-103-16-C-3	S28-802-103-16-C-3	S28-1002-103-14-G-5	10✓		
S28-801-123-21-3	S28-801-123-21-3	S32-801-123-25-3	S28-802-123-16-C-4	S28-802-123-16-C-4	S28-803-123-14-D-3	12✓		
S28-801-143-20-3	S28-801-143-20-3	S32-802-143-24-2	S28-802-143-15-C-6	S28-1002-143-12-F-2	S28-804-143-10-E-3	14✓		
S28-801-163-20-4	S32-802-163-24-2	S32-804-163-21-1	S28-1002-163-12-F-3	S28-804-163-10-D-3	S32-804-163-16-P-3	16✓		
S28-802-203-19-2	S32-802-203-20-3	S28-1002-203-13-E-2	S32-1002-203-16-Q-2	S32-804-203-14-N-3	S32-1004-203-12-Y-4	20✓		
S28-802-243-15-3	S32-802-243-19-3	S32-1002-243-16-P-2				24		
S32-802-303-18-3	S32-1002-303-15-N-2					30		
S21-621-23-16-3	S24-621-23-19-3	S28-621-23-22-4	S32-801-23-28-2	S24-801-23-16-C-3	S24-1001-23-14-G-4	2✓	12	
S21-621-33-16-3	S24-621-33-19-4	S28-621-33-22-5	S32-801-33-28-2	S24-801-33-16-C-3	S28-1001-33-22-F-4	3✓		
S21-621-43-14-3	S24-621-43-17-4	S28-621-43-22-6	S28-622-43-22-3	S28-1001-43-22-E-2	S24-802-43-12-F-6	4✓		
S24-621-63-16-6	S28-801-63-21-2	S32-801-63-25-3	S28-1001-63-19-E-2	S28-802-63-19-B-2	S28-802-63-17-C-3	6✓		
S28-801-83-21-3	S28-801-83-21-3	S32-801-83-25-3	S28-802-83-16-C-3	S28-802-83-16-C-3	S28-1002-83-14-G-5	8✓		
S28-801-103-20-3	S32-801-103-24-4	S32-802-103-22-2	S28-802-103-12-C-4	S28-803-103-10-D-3	S32-803-103-16-P-4	10✓		
S28-801-123-20-3	S32-801-123-24-5	S32-804-123-21-1	S28-1002-123-12-F-3	S28-803-123-10-D-3	S32-803-123-16-P-5	12✓		
S28-801-143-17-4	S32-802-143-21-2	S32-804-143-21-1	S28-1002-143-11-F-3	S28-804-143-9-D-3	S32-804-143-13-P-3	14✓		
S28-801-163-19-6	S32-802-163-20-3	S28-1002-163-13-E-2	S32-1002-163-16-Q-2	S32-804-163-14-N-3	S32-804-163-11-P-3	16✓		
S28-802-203-15-3	S32-802-203-19-3	S32-1002-203-16-P-2				20		
S32-802-243-15-3	S32-1002-243-12-P-2					24		
S21-621-23-14-3	S24-621-23-17-3	S28-621-23-22-5	S28-622-23-22-2	S28-801-23-22-B-3	S24-802-23-13-E-3	2✓		10
S21-621-33-14-3	S24-621-33-17-4	S28-621-33-22-6	S28-622-33-22-3	S28-1001-33-22-E-2	S24-802-33-12-E-3	3✓		
S24-621-43-16-5	S28-801-43-21-2	S32-801-43-25-3	S24-1001-43-13-F-3	S28-802-43-20-B-2	S28-802-43-20-C-3	4✓		
S28-801-63-21-3	S28-801-63-21-3	S32-801-63-25-3	S28-802-63-16-B-2	S28-802-63-16-C-3	S28-1002-63-14-G-5	6✓		
S28-801-83-20-3	S32-801-83-24-4	S32-804-83-21-1	S28-802-83-11-C-4	S28-803-83-10-D-3	S32-803-83-16-P-5	8✓		
S28-801-103-19-3	S28-622-103-16-6	S32-804-103-21-1	S28-1002-103-11-F-3	S32-1002-103-18-Q-2	S32-804-103-15-P-3	10✓		
S28-801-123-19-5	S32-802-123-20-2	S32-804-123-20-1	S32-1002-123-16-Q-2	S32-804-123-14-N-3	S32-804-123-12-P-3	12✓		
S28-802-143-15-3	S32-802-143-19-3	S32-1002-143-16-P-2				14		
S32-802-203-15-3	S32-1002-203-12-P-3					20		
S24-621-27-16-5	S28-621-27-18-6	S32-801-27-26-3	S32-803-27-26-1	S28-802-27-19-B-2	S28-802-27-17-C-3	2W✓	8	
S28-801-37-21-3	S28-801-37-21-3	S32-801-37-25-3	S28-802-37-16-B-2	S28-802-37-16-C-3	S28-1002-37-14-G-5	3W✓		
S28-801-47-21-3	S28-801-47-21-3	S32-802-47-25-2	S28-802-47-16-C-5	S28-1002-47-16-F-3	S28-803-47-14-D-3	3G✓		
S28-801-47-20-3	S28-801-47-20-3	S32-801-47-24-3	S28-802-47-15-C-5	S28-1002-47-13-F-2	S28-803-47-13-D-3	4W✓		
S24-621-27-13-6	S28-801-27-21-2	S32-801-27-25-3	S28-1001-27-18-E-2	S28-802-27-16-C-3	S28-802-27-16-D-4	2W✓	6	
S28-801-37-20-3	S28-801-37-20-3	S32-801-37-24-3	S28-802-37-15-C-5	S28-1002-37-13-F-2	S28-803-37-13-D-3	3W✓		
S28-801-47-20-3	S32-801-47-24-6	S32-802-47-22-2	S28-1002-47-13-F-3	S28-803-47-11-D-4	S32-803-47-17-N-3	3G✓		
S28-801-47-17-3	S28-622-47-17-6	S32-804-47-21-1	S28-1002-47-12-F-3	S28-804-47-10-D-3	S32-804-47-16-P-3	4W✓		
S28-801-212-17-3	S28-622-212-17-6	S32-804-212-21-1	S28-1002-212-12-F-3	S32-803-212-16-N-3	S32-803-212-16-N-3	2W✓	4	
S28-801-312-17-3	S28-622-312-17-6	S32-804-312-21-1	S28-1002-312-12-F-3	S28-804-312-10-D-3	S32-804-312-16-P-3	3W✓		
S28-802-412-16-2	S32-802-412-20-3	S32-1002-412-17-P-2	S32-803-412-15-M-3	S32-804-412-12-N-3		3G		
S28-802-412-19-2	S32-802-412-20-3	S28-1002-412-13-E-2	S32-1002-412-17-Q-3	S32-804-412-14-N-3	S32-1004-412-12-Y-5	4W✓		
S28-802-212-15-2	S32-802-212-19-3	S32-1002-212-16-P-2	S32-804-212-11-N-3			2W	2	
S28-802-312-16-2	S32-802-312-20-3	S32-1002-312-17-P-2	S32-803-312-14-M-3			3W		
S28-802-412-15-3	S32-802-412-19-3	S32-804-412-12-M-3				3G		
S28-802-412-15-3	S32-802-412-19-3	S32-1002-412-16-P-3				4W		
S32-802-220-18-3	S32-1002-220-15-N-2	S32-1002-220-12-Q-3				2W	1	
S32-802-320-15-3	S32-1002-320-12-P-3					3W		
S32-803-420-14-3						3G		
S32-802-220-15-3	S32-1002-220-12-P-2					2W	1/0	