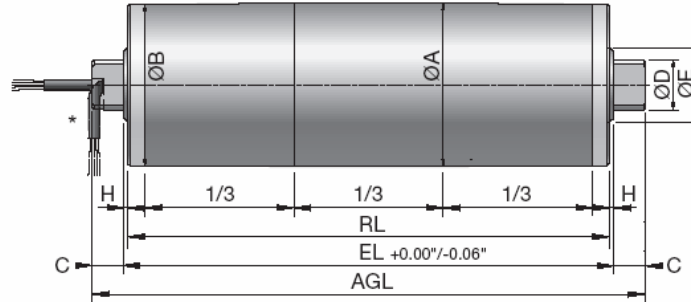




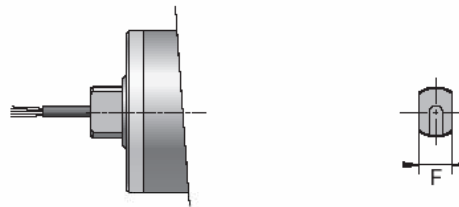
Model 113S
4.50" Ø

Standard

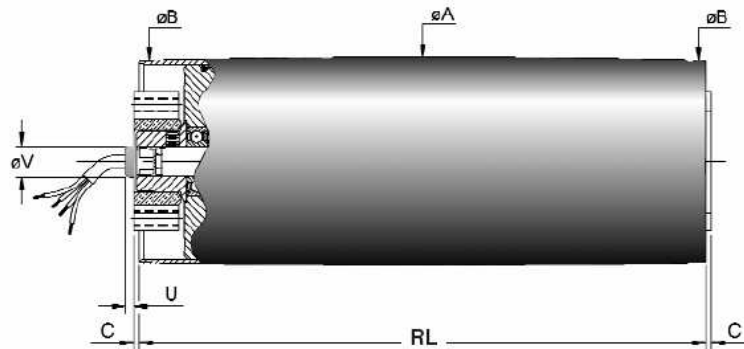


* Allow 0.09" for cable protrusion.

Stainless steel, TS0.
Cable straight.



Recessed Motorized Pulley



Dimensions (Inches)

	A	B	C Recessed	C Large AL	C Small AL	C EURO	D Large AL	D Small AL	D EURO	E	F Large AL	F Small AL	F EURO	H Large AL	H Small AL	H EURO	U	V
Standard	4.50	4.44	-	1.00	1.00	0.79	1.38	1.00	1.38	1.77	0.81	0.75	0.81	0.05	0.05	0.12	-	0.65
Recessed	4.50	4.44	0.09	-	-	-	-	-	-	-	0.81	-	-	-	-	-	0.21	0.65

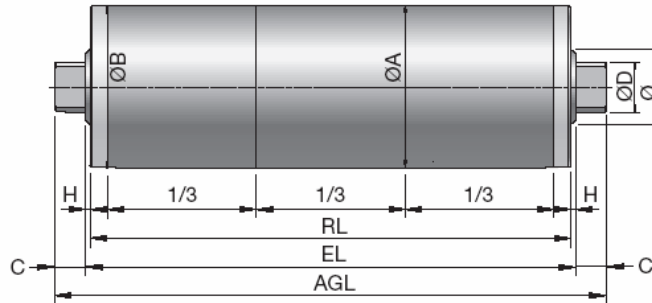
Design Tip: Standard practice in the checkstand industry sets the overall roller length (EL) equal to the "between frame dimension" minus approximately 1/8".
EL = RL + 2H.





Model 113S
4.50" Ø

Idler Pulley



Standard Variation Number	Tube Material	Crown	End Housing	Oil Seal	Shaft CAP	Oil	Power Cord*
000	Carbon	Center	Standard AL.	Standard	Small AL.	Standard	Standard
012	Carbon	Center	Standard AL.	Standard	Large AL.	Standard	Standard
014	SS	Center	Standard AL.	Heavy Duty	Large AL.	FDA	Standard
058	Carbon	Trap	Standard AL.	Standard	Large AL.	Standard	Standard
148	Carbon	Center	Recessed AL.	Standard	Large AL.	Standard	Molex Connector
205	SS	Center	SS Covered	Heavy Duty	SS (Euro)	FDA	Standard

* Includes 37.4" (minimum) power cord.

Model 113S
4.50" Ø
3-phase

Power and No. of Poles	Belt Speed* (FPM)	Belt Pull (lbs.)	Part Number	Power Supply & Capacitor size of required Voltage/Phase/Frequency	Standard Roller Length (RL) Dimension** (in.)						37.84*** max.	
					11.84	13.84	16.84	19.84	21.84	25.84		
0.30 4 pole	51	169	6.263	230/3/60	19.6 650	20.9 550	22.9 450	25.1 375	26.5 340	29.3 290	37.7 335	(1 (2)
	56	154										
	64	135										
	72	120										
	81	106	6.274	550/3/60								
	128	67										
	166	52										
	187	46										
216	40	6.145										
245	35											
Idler Pulley					8.4	9.1	10.3	11.5	12.4	14.2	19.6	(1

* At full load, nominal voltage, and 60 Hz.

** Any custom length is available.
Maximum standard length is 39.00"

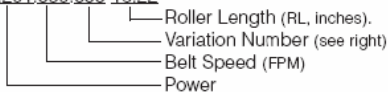
*** Reinforced Shaft is provided for RL greater than 37.24"

1) Weight in lbs. for Standard Pulley Width

2) Max-Radial Load (T1 + T2) in lbs

Belt pull values shown allow for gearbox losses.

Part Number
6.291.099.000-16.22





Model 113S
4.50" Ø
1-phase

Power and No. of Poles	Belt Speed* (FPM)	Belt Pull (lbs.)	Part Number	Power Supply & Capacitor size of required Voltage/Phase/Frequency	Standard Roller Length (RL) Dimension** (in.)							
					11.84	13.84	16.84	19.84	21.84	25.84	37.84***	
0.12 6 pole	21	164	6.235	115/1/60 20 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)
	27	128										
	33	104										
	37	93										
	43	80										
	47	73										
	53	65										
	85	41										
	111	31										
	125	28										
145	24											
163	21											
0.16 4 pole	31	148	6.257	115/1/60 20 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)
	39	118										
	44	104										
	51	90										
	56	82										
	64	72										
	72	64										
	81	57	6.253	230/1/60 6 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)
	128	36										
	166	28										
187	25											
216	21											
245	19											
0.20 4 pole	31	185	6.258	115/1/60 35 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)
	39	147										
	44	130										
	51	113										
	56	102										
	64	90										
	72	80	6.285	115/1/60 35 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)
	81	71										
	128	45										
	166	35										
187	31											
216	27											
245	23	6.248	230/1/60 6 µF	16.6 650	17.8 550	20 450	22.1 375	23.4 340	26.3 290	37.0 335	(1 (2)	
81	71											
128	45											
166	35											
187	31											
216	27											
245	23											
Idler Pulley			6.145		8.4	9.1	10.3	11.5	12.4	14.2	19.6	(1

* At full load, nominal voltage, and 60 Hz.

** Any custom length is available.
Maximum standard length is 39.00"

*** Reinforced Shaft is provided for RL greater than 37.24"

1) Weight in lbs. for Standard Pulley Width
2) Max-Radial Load (T1 + T2) in lbs

Belt pull values shown allow for gearbox losses.

