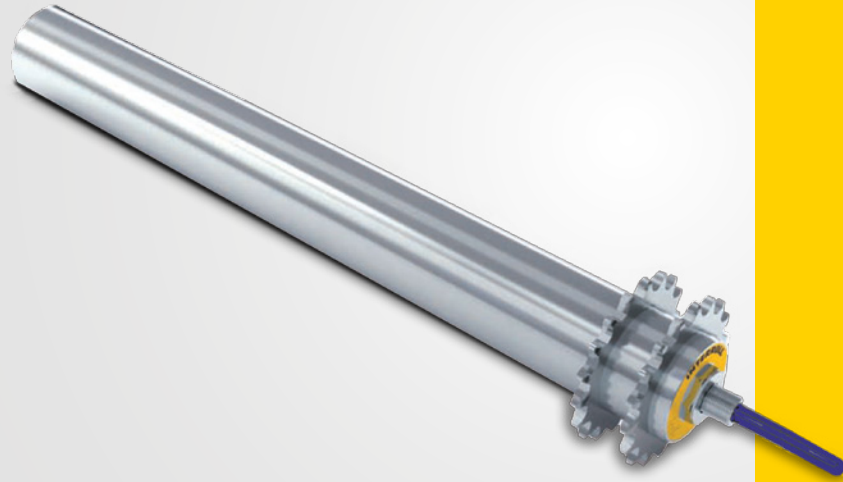


Interroll EC110 / EC120 24 Volt DC RollerDrive



Product Features

- Heavy capacity for loads up to 2500 lb.
- Various sprocket options
- Safe low voltage

Product Benefits

- Modest total cost of ownership
- Low energy consumption
- Rapid installation
- Maintenance free
- Fast ROI

Technical Data

General technical data, RollerDrive EC110 / EC120

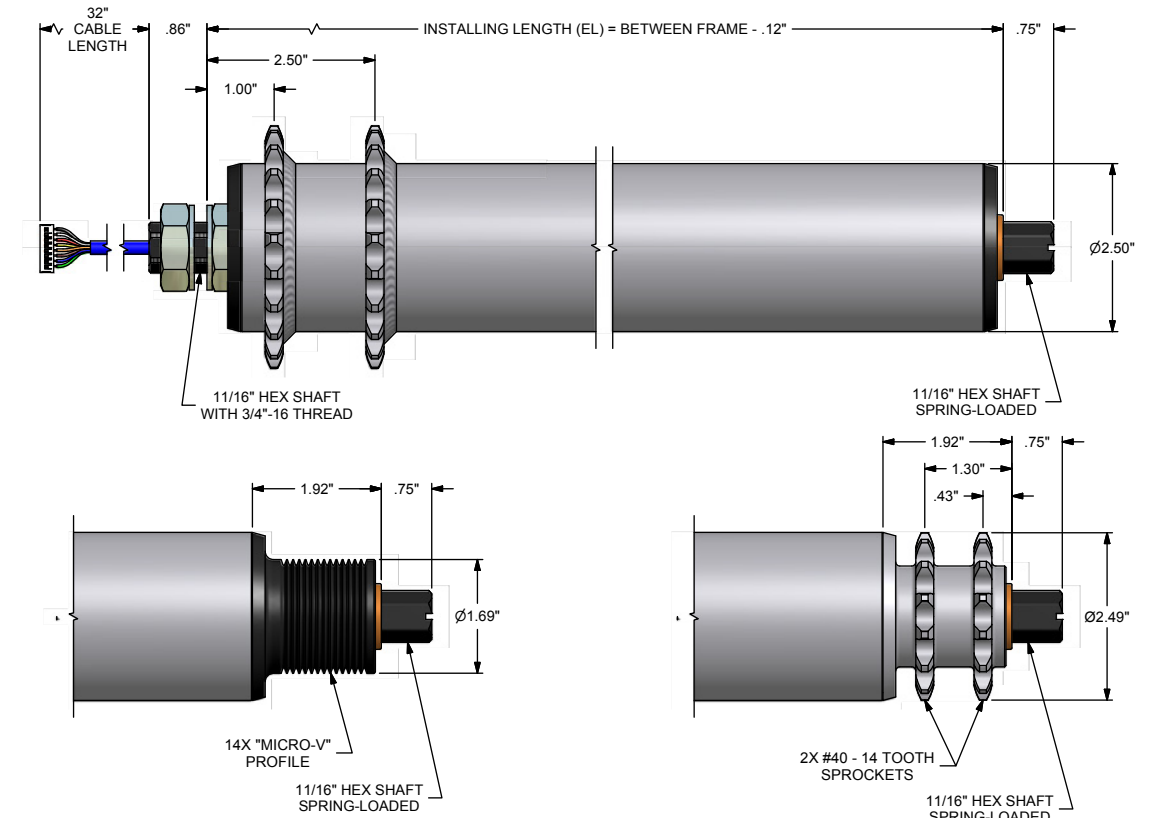
Diameter	2.5"
Nominal voltage	22-28 VDC
No load current	0.6 A
Max. continuous current	2.5 A
Max. start current	5.1 A
Mechanical performance	34 W
Drive efficiency	52%
Noise level	55 dB(A)
Minimum length	8.56"-12.73" (depending on application)

2.5" RollerDrive Performance

Gear Ratio	Speed Range Ft/min	Nominal Torque Inch-lb	Peak Torque Inch-lb
12:1 (EC110)	69-207	8.8	31.0
16:1 (EC110)	51-154	13.0	37.0
24:1 (EC110)	34-103	19.5	51.0
36:1 (EC110)	23-69	26.5	81.0
48:1 (EC110)	17-51	30.0	102.0
36:1 (EC120)	17-52	31.0	114.0
48:1 (EC120)	13-39	48.0	149.0
64:1 (EC120)	10-29	63.0	180.0
96:1 (EC120)	7-20	89.0	265.0

The **Interroll 2.5" RollerDrive EC110/EC120** is a high carrying capacity, brushless, 24 volt DC internally motorized drive roller for high torque, low speed applications.

Dimensions



Low-Profile Poly-V (for EC120 only)

Low-Profile Sprocket (for EC120 only)

How to order

Please create a reference number with the following configurator.

8 - [] - [] - [] - [] - A - 1 - [] - EL

MOTOR TYPE
F = 24V EC110
G = 24V EC120

FIXED SHAFT
1 = C/S THREADED SHAFT .083" WALL (USED ONLY FOR THE EC110)
2 = C/S THREADED SHAFT, .120" WALL (USED ONLY FOR THE EC120)

GEAR BOX/SPEED RANGE
EC110
1 = 12:1 RATIO, 69 - 207 fpm
2 = 16:1 RATIO, 51 - 154 fpm
3 = 24:1 RATIO, 34 - 103 fpm
4 = 36:1 RATIO, 23 - 69 fpm
5 = 48:1 RATIO, 17 - 51 fpm
EC120
4 = 36:1 RATIO, 17 - 52 fpm
5 = 48:1 RATIO, 13 - 39 fpm
6 = 64:1 RATIO, 10 - 29 fpm
7 = 96:1 RATIO, 7 - 20 fpm

AVAILABLE STANDARD TUBE GROUPS
TUBE TYPE
STRAIGHT
 STRAIGHT, POLYURETHANE SLEEVING, .083" WALL
 (2) #40-21 TOOTH SPROCKETS ON MOTOR END, .083" WALL
 (2) #40-21 TOOTH SPROCKETS ON IDLER END, .083" WALL
 (2) #50-18 TOOTH SPROCKETS ON MOTOR END, .083" WALL
 (2) #50-18 TOOTH SPROCKETS ON IDLER END, .083" WALL
 (2) #60-15 TOOTH SPROCKETS ON MOTOR END, .083" WALL
 (2) #60-15 TOOTH SPROCKETS ON IDLER END, .083" WALL
STRAIGHT, .120" WALL
 STRAIGHT, POLYURETHANE SLEEVING, .120" WALL
 (2) #40-21 TOOTH SPROCKETS ON MOTOR END, .120" WALL
 (2) #40-21 TOOTH SPROCKETS ON IDLER END, .120" WALL
 (2) #50-18 TOOTH SPROCKETS ON MOTOR END, .120" WALL
 (2) #50-18 TOOTH SPROCKETS ON IDLER END, .120" WALL
 (2) #60-15 TOOTH SPROCKETS ON MOTOR END, .120" WALL
 (2) #60-15 TOOTH SPROCKETS ON IDLER END, .120" WALL

IDLER SHAFT
1 = C/S 11/16" HEX SPRING-LOADED .083 WALL
2 = C/S 11/16" HEX SPRING-LOADED .120 WALL
3 = LOW-PRO POLY-V 11/16" HEX SPRING .120 WALL
4 = LOW-PRO SPROCKET 11/16" HEX SPRING .120 WALL

C/S, GALV.	C/S, MILL	C/S, ZINC
G60	-	-
G71	-	-
-	C20	L20
-	C21	L21
-	C22	L22
-	C23	L23
-	C24	L24
-	C25	L25
G55	C50	-
G7A	-	-
-	C2K	L2K
-	C2A	L2A
-	C2B	L2B
-	C2C	L2C
-	C2D	L2D
-	C2E	L2E

NOTATION
C/S = CARBON STEEL
EL = INSTALLING LENGTH