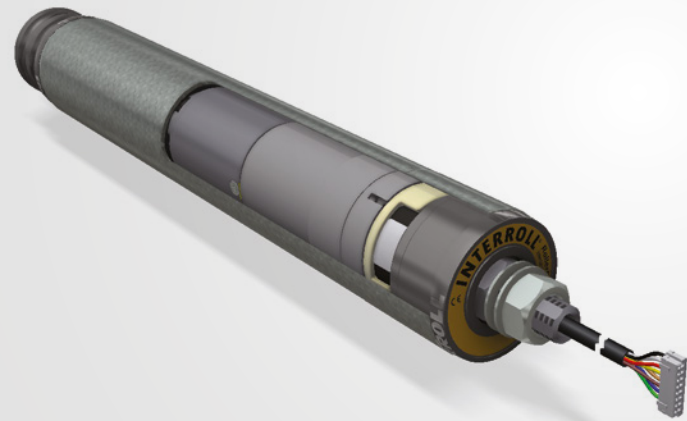


Interroll EC100 24 Volt DC RollerDrive



Product Features

- Wide speed range
- Multiple drive options
- Optional PVC or polyurethane sleeving
- 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 EC100

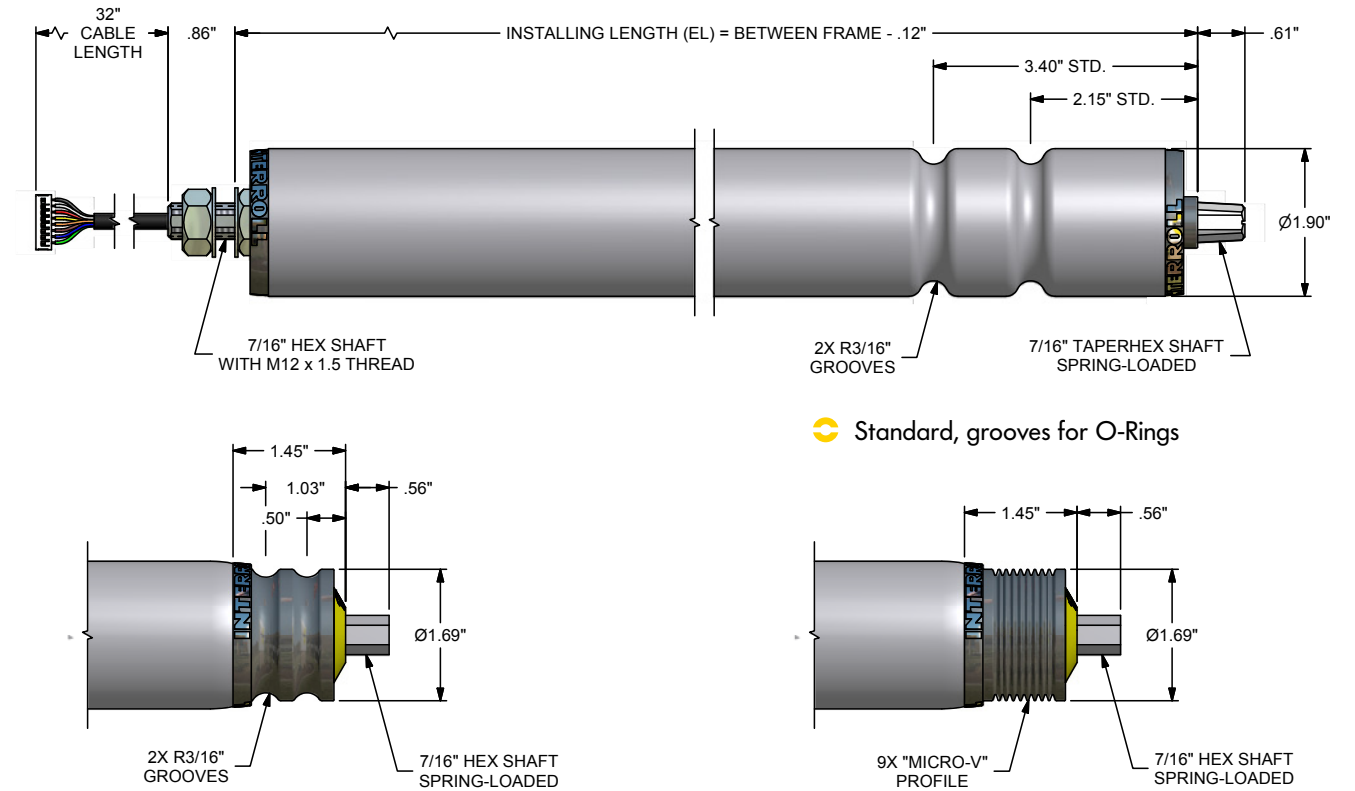
Diameter	1.9"
Nominal voltage	22-28 VDC
No load current	0.6 A
Max. continuous current	1.8 A
Max. start current	4.1 A
Mechanical performance	18 W
Drive efficiency	46%
Noise level	55 dB(A)
Minimum length	8.51"-11.67" (depending on application)

EC100 RollerDrive Performance

Gear Ratio	Speed Range Ft/min	Nominal Torque Inch-lb	Peak Torque Inch-lb
12:1	87-260		12.4
16:1	67-202		15.9
24:1	45-135		24.8
36:1	29-88		33.6
48:1	22-68		44.3
64:1	17-50		54
96:1	11-34		100

The **Interroll RollerDrive EC100** is an economical, high-performance brushless 24 volt DC internally motorized drive roller.

Dimensions



Poly-O bearing housing

Poly-Vee bearing housing

How to order

Please create a reference number with the following configurator.

RD - 8 - - - - - U - - EL

MOTOR TYPE
C = 24V EC100
H = 24V EC100 W/ BRAKE

GEARBOX / SPEED RANGE
F = 12:1 RATIO, 86 - 260 fpm
H = 16:1 RATIO, 67 - 202 fpm
L = 24:1 RATIO, 45 - 135 fpm
Q = 36:1 RATIO, 29 - 88 fpm
V = 48:1 RATIO, 22 - 68 fpm
X = 64:1 RATIO, 16 - 50 fpm
Z = 96:1 RATIO, 11 - 34 fpm

FIXED SHAFT
1 = MALE THREAD M12x1.5, ZP
2 = MALE THREAD M12x1.5, SS
5 = NON-THREADED, SS

IDLER SHAFT
SL = 7/16" HEX SPRING-LOADED, ZP
FF = FEMALE THREAD 5/16"-18, SS
FT = FEMALE THREAD M8, SS
PS = POLY-V, 7/16" HEX SPRING-LOADED, SS
PF = POLY-V, FEMALE THREAD M8, ZP
RS = POLY-O, 7/16" HEX SPRING-LOADED, SS
RF = POLY-O, FEMALE THREAD M8, ZP

AVAILABLE STANDARD TUBE GROUPS

TUBE TYPE	GALVANIZED	STAINLESS
STRAIGHT	R01	R04
2 STANDARD GROOVES	P28	P35
VARIABLE GROOVES	R06	R61
PVC SLEEVING (STRAIGHT)	E62	R15
PVC SLEEVING (2 STD GROOVES)	P32	P37
PVC SLEEVING (VARIABLE GROOVES)	P31	-
POLYURETHANE SLEEVING (STRAIGHT)	P44	E65
POLYURETHANE SLEEVING (2 STD GROOVES)	G74	F36
POLYURETHANE SLEEVING (VARIABLE GROOVES)	G75	S75

NOTATION
EL = INSTALLING LENGTH
ZP = ZINC PLATED
SS = STAINLESS STEEL