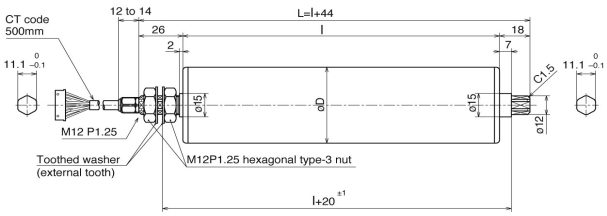
PULSE ROLLER™

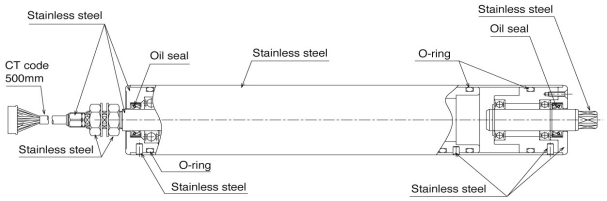
Wash-down Rated Pulse Roller

with 10 years of proven operation.

▶ **Dimensions**



▶ **Structural drawing**



Wash-down roller part number nomenclature (example)

PR - WD - 48 - 500 - 50AFGQ

W : Wash-down spec

F : Yellow -35W roller
H : Black - 50W roller

Features : Stainless Steel (Wash Down Rated)
35 Watt (Yellow) or 50 Watt (Black) Rollers Available
1.9", 2.25", and 2.38" diameter tubes are availble
IP65 Rated with non spring-loaded hex shaft
IP55 Rated with spring-loaded hex shaft
500mm (19.6") Cabtire motor cable

Environment : Ambient temp 32F up to 105F degree
Humidity : 0 - 90% without condensation, no corrosive gases, Vibration < 0.5G

Protection : I squared T calculation method to protect the motor and circuit boards when using Insight Automation Cards

Operation : 1sec ON, I sec OFF cycle

Connector : 9-pin JST connector

NOTICE : Avoid exposing the shafts directly to water stream/splash.

Wash-down Rated: **35W - 50 roller** performance table :

Control	Speed (fpm)		Torque (in·lbf)		Tangential force (lbf)		Current (A)	
	No-load	Rated	Starting	Rated	Starting	Rated	Starting	Rated (at Max speed)
EZ-24	178.6	151.4	24.5	7.6	25.6	8	3.5	1.9

Wash-down Rated : **50W - 65 roller** performance table :

Control	Speed (fpm)		Torque (in·lbf)		Tangential force (lbf)		Current (A)	
	No-load	Rated	Starting	Rated	Starting	Rated	Starting	Rated (at Max speed)
EZ-24	217	202	27.1	8.4	28.4	8.9	4.0	3.0

Minimum Roller Length (inch) :

Roller spec		Mechanical brake option	Spring-loaded Hex shaft	Tube spec	2 stage gearbox
Wash-down Rated	35W	n/a	Yes	Straight tube	13"
				2 std grooves	15"
	50W	n/a	Yes	Straight tube	14.5"
				2 std grooves	16"