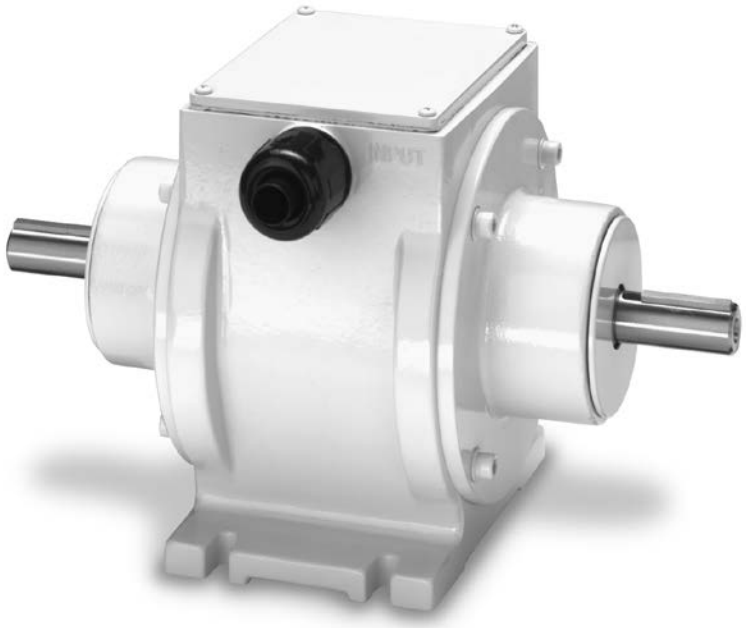
Washdown Electro Pack

If your clutch/brake application demands consistent, repeatable performance cycle after cycle, through wet and dry conditions, choose Warner Electric's Washdown Electro Pack Clutch/Brakes.

Even in the most demanding environments, Washdown Electro Pack Clutch/Brakes (EP-W) will weather the storm. Designed specifically for use in food, sanitary or any other washdown application, these packaged clutch/brakes are totally enclosed in smooth, completely sealed, rugged enclosures to keep wear particles in and contaminants out.

Washdown Electro Packs are factory aligned, assembled and burnished for consistent out-of-the-box performance.

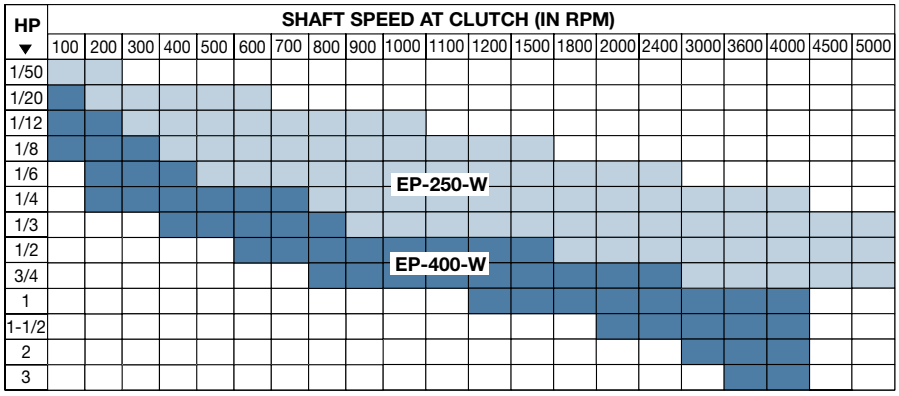
- USDA Approved coating
- Smooth exterior
- Shielded/sealed bearings
- Available in 70 and 270 lb-in Static torque configurations
- Available in 24 and 90 vdc



Washdown Electro Pack Clutch/ Brakes

Warner Electric's new Washdown Electro Packs are currently available in two sizes, and in 24 and 90 volt configurations. If your application requires a different voltage or mounting configuration, please contact Warner Electric for assistance.

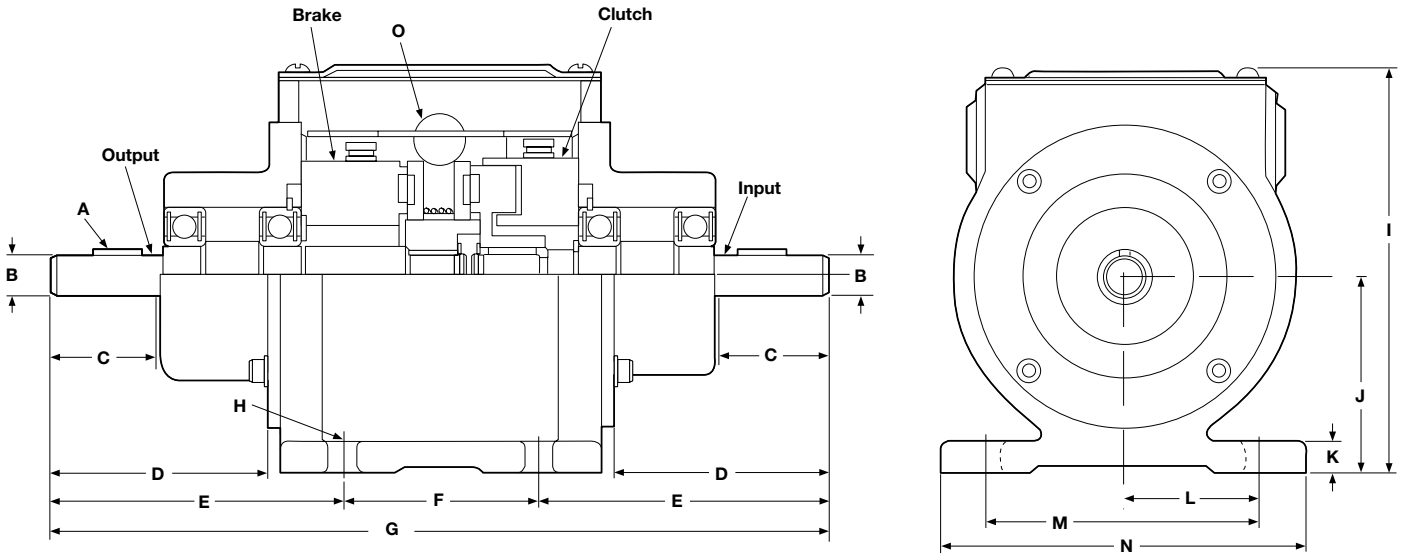
Horsepower vs. Shaft Speed



*For applications with speeds below 100RPM, please contact Warner Electric Application Support.

Model	Voltage (DC)	Max RPM	Static Torque (lb-in)	Part Number
EP-250-W	24	7500	70	5130-273-060
	90			5130-273-061
EP-400-W	24	4500	270	5131-273-030
	90			5131-273-031

EP-250 and EP-400



Dimensions

All dimensions are nominal, unless otherwise noted.

Size	A	B	C Min.	D	E	F	G Max.	H	I	J	K	L	M	N	O
250	1/8 x 1/16	.4995 / .4985 Dia.	1.250	2.468	3.312	2.250	8.968	.312 Wide (4 slots)	5.281	2.318 / 2.308	.375	1.625	3.250	4.250	1/2 14 NPT Conduit x 2
400	3/16 x 3/16 x 1-1/2	.7495 / .7485 Dia.	1.875	3.515	4.593	2.500	11.781	.312 Wide (4 slots)	6.937	3.474 / 3.464	.500	2.578	5.156	6.000	1/2 14 NPT Conduit x 2

Specifications

Model Size	Voltage DC	Static Torque lb.ft.	Inertia*–WR² (lb.ft.²) Output	Inertia*–WR² (lb.ft.²) Input	Max. RPM	Weight lbs.
EP-250-W	6	70	.331	.293	7,500	7.1
	24	70	.331	.293	7,500	7.1
	90	70	.331	.293	7,500	7.1
EP-400-W	6	270	2.566	2.222	4,500	19.7
	24	270	2.566	2.222	4,500	19.7
	90	270	2.566	2.222	4,500	19.7

For Information on Coil Data see page G-10, SF/PB units of the appropriate size.

Notes

Packaged Performance Products Service Parts for Base Mounted Units

Electro Pack

** It is not possible to rebuild an EP-W unit without damage to the unit coating. Damaging the coating will leave the unit prone to water damage and/or provide access for bacteria. Therefore, replacement components for these products are not available.

SP

When replacing components in clutches and brakes several guidelines are appropriate. In all cases, when replacing worn friction surfaces both the components need to be replaced. In many cases, the splined hubs should be inspected and replaced if worn.

Common Replacement Practices:

Electro-Pack clutch/brake

- Replace clutch rotor and armature
- Replace brake magnet and armature
- Inspect splined hub

A note on burnishing:

When new friction surfaces are installed it will be necessary to burnish the unit prior to returning to full production rates. Burnishing is the act of wearing in the friction faces to ensure full engagement and therefore full torque. Burnishing is achieved by simply cycling the unit under less than full load (machine empty, if possible). Most units will achieve full torque in less than 100 cycles. Refer to the service manual for more details.