

Metric AC and DC products have been designed with international standards in mind.

The 230 volt, 50 hertz windings can be operated satisfactorily on any nominal system voltage between 220 and 240 volts to accommodate almost all international power supply requirements.

DC motors and gearmotors are rated for 180 volt operation and are available with "System Matched" Bodine controls in either open chassis or waterproof enclosures.

In addition to our broad range of stock and standard international products, all of our products can be customized for any voltage or frequency requirements.

Splash proof terminal boxes are standard on most AC products and are an available option on DC products. Mounting and shaft configurations designed for common metric sizes provide convenient interfacing capability.

Metric motors and gearmotors are designed to meet most international industrial requirements. Their nameplates bear an IEC-34-1 designation. Many stock products are also CSA certified. Bodine metric motors and gearmotors also bear the CE mark.

**For complete specifications on all our
International and Metric Products, visit our website at
Bodine-Electric.com.**



International/Metric Products

AC INTERNATIONAL PRODUCTS

INTRODUCTION

The metric products listed in this section have been designed with international design standards in mind. The 230 volt, 50 Hz windings can be operated satisfactorily on any nominal system voltage between 220 and 240 volts to accommodate almost all international power supply requirements. Splash-proof terminal boxes are standard on most AC products. Mounting and shaft configurations designed for common metric sizes provide convenient interfacing capability.

CONSTRUCTION RECOGNITION

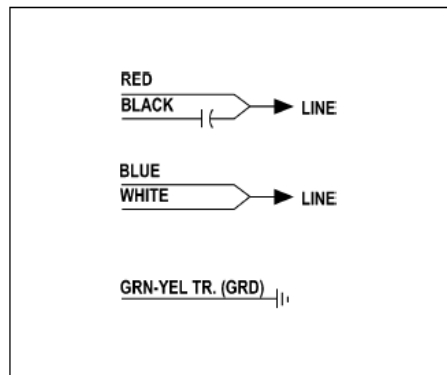
Most Bodine products are "third party approved" with respect to construction. Metric motors and gearmotors are designed to meet most requirements of BSI, IEC, and VDE. Their nameplates bear an IEC 34-1 designation. Motors, gearmotors and controls are "recognized by U.L., Inc." and are registered in U.L. Construction

recognition file No. E47177 and E44529. Many stock products are also CSA certified and appear in CSA File No. LR2797 and LR26397. Bodine metric motors and gearmotors also meet CE standards. See page 4 for more information.



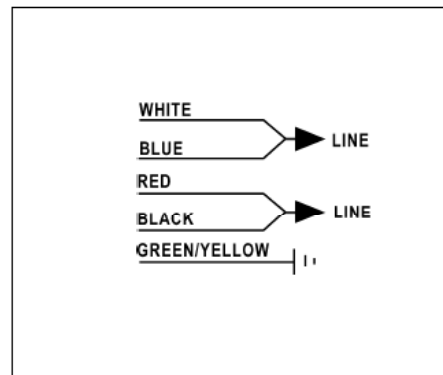
AC CONNECTIONS

074 10021



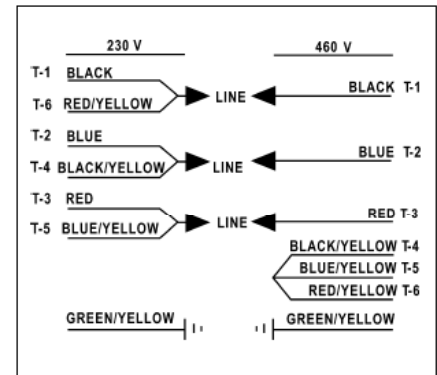
To reverse transpose the black and white leads.

074 10132



To reverse transpose the black and white leads.

074 10279



074 10279-To reverse transpose any leads or combinations

DC INTERNATIONAL PRODUCTS

DC CONNECTION DIAGRAM

074 10097



Connect as shown for clockwise rotation while viewing output shaft. To reverse direction, transpose brown and blue leads.

MOTOR INSULATION RATINGS

The performance ratings are based on Class "F" insulation material (155°C total).

TORQUE CONVERSION TABLE

To convert from A to B multiply by entry intercept

A \ B	Nm	N-cm	kg-cm	g-cm	lb-in.	oz-in.
Nm	1	100	10.2	10,200	8.851	141.6
N-cm	.01	1	.102	101.97	.089	1.42
kg-cm	.0981	9.81	1	1,000	.868	13.9
g-cm	.0000981	.0098	.001	1	.00087	.014
lb-in.	.113	11.3	1.152	1,152	1	16
oz-in.	.0072	.72	.072	72	.0625	1

1 HP = 746 W
1 inch = 25.4 mm
1 lb-in.-sec² = 7061 kg-mm²

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www.bodine-electric.com