



**Heavy Duty
Gen2
UniModule
for
Tough
Conveyor
Applications**





TWO SIGNIFICANT DESIGN MODIFICATIONS

Make The Heavy Duty Gen2 Unimodule
Ideal For Use In Tough Conveyor Applications
Including Baggage Handling Systems

Heavy Duty



MODIFIED ARMATURE AND SPLINE HUB

The effective spline length increased by 83% resulting in a 44% decrease in spline compressive stress.

CYCLING CONVEYOR TEST IN LABORATORY ENVIRONMENT

- HD Module had zero spline wear in 300,000 cycles



Standard



Heavy Duty

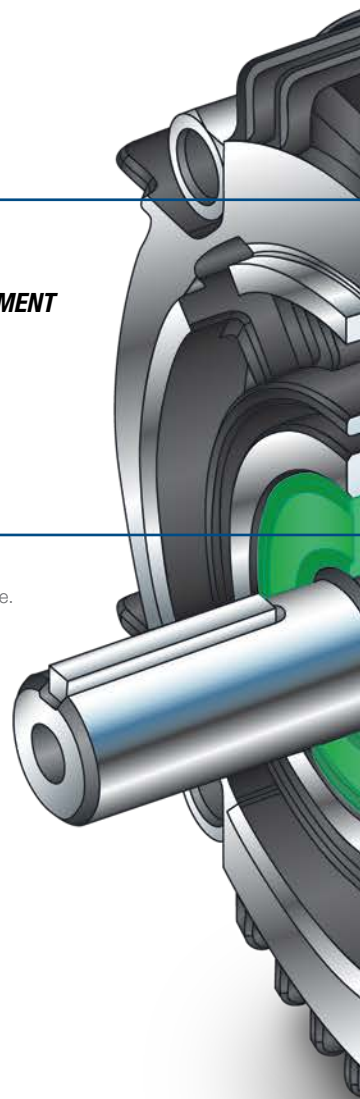


Standard

HIGHER LOAD CAPACITY BEARING

Bearing dynamic load capability* increased by 47%.

*Calculated using 250 lbs. total belt load at 2 inches from module face.



CHOOSE FROM TWO HEAVY DUTY MODELS

Fully assembled, pre-burnished and factory tested

FOR 143/145TC NEMA FRAME, UP TO 2 HP:

UM-180-1020, 90 vdc
UM-180-1020, w/CBC-150

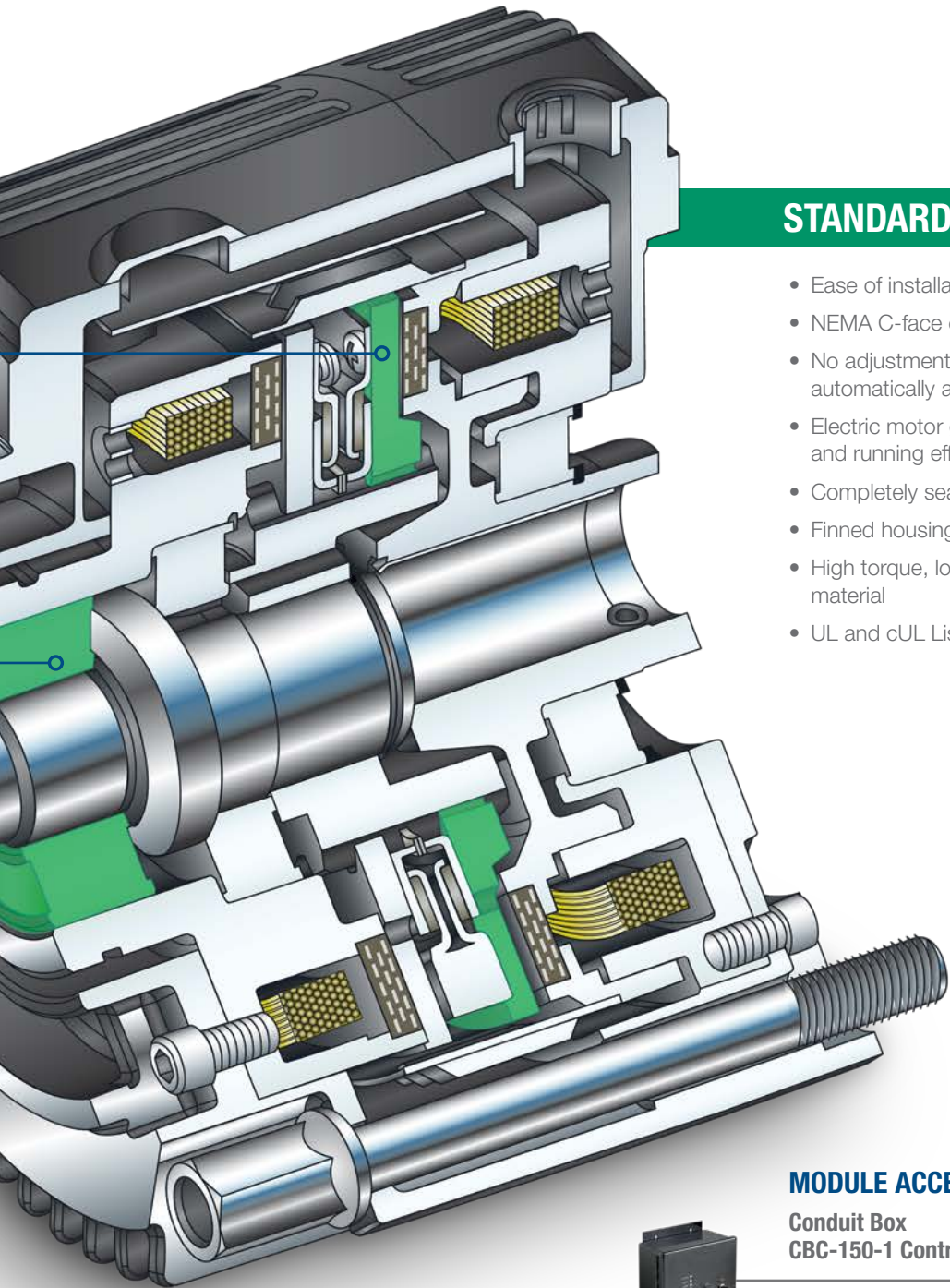
Part #5370-273-323
Part #5370-273-324



OPTIONAL FIELD INSTALLABLE COVER KIT

is available to create a fully enclosed unit.

Part #5370-101-076



STANDARD GEN2 FEATURES

- Ease of installation – bolt it down, wire it up
- NEMA C-face compatible mounting
- No adjustment required – patented Autogaps™ automatically adjust for wear
- Electric motor grade bearings maintain tight concentricity and running efficiency
- Completely sealed coils
- Finned housing for maximum heat dissipation
- High torque, long life, lead-free, and asbestos-free friction material
- UL and cUL Listed

MODULE ACCESSORIES

Conduit Box	Part #5370-101-042
CBC-150-1 Control	Part #6004-448-001
CBPC 3590 Control	Part #6051-448-002



Clutch Brake Positioning Control is designed for **airport baggage handling diverters**. This dedicated control incorporates a counter system, control logic, and clutch/brake power supply for closed loop control operation. **The CBC-3590 is a direct replacement of the CBC-1500 AFHC.**

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