

BALDOR • RELIANCE

Customer information packet

HDS100-0413AEKNN

HDS100-0413A W/INC ENCODER(2500PPR), KEY

Specifications

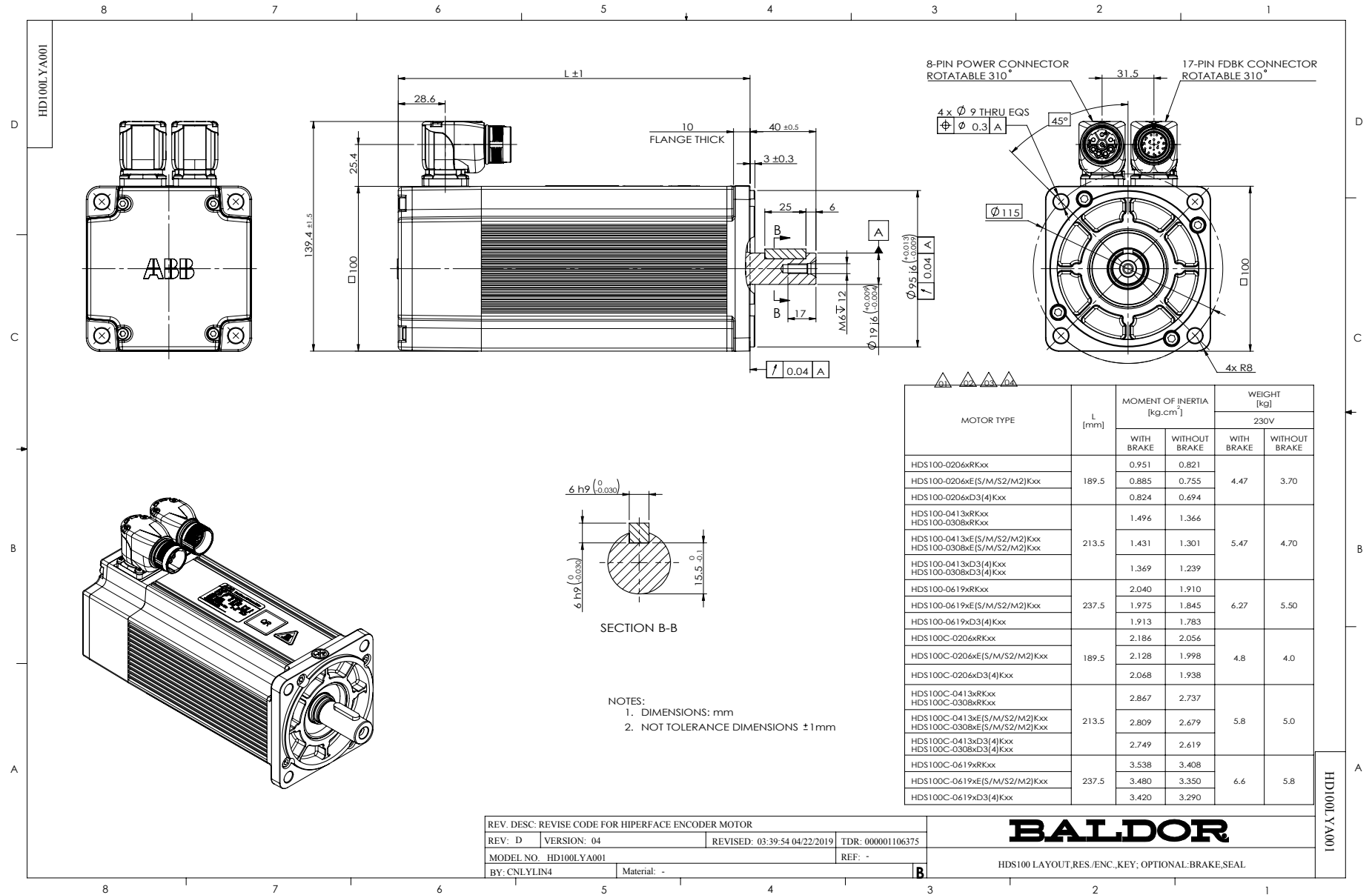
| | |
|------------------------------------|-------------|
| Bearing Grease Type | Polyrex EM |
| Dimensional Drawing Numbers | HD100LYA001 |
| Nameplate Amps | 6.4 |

Part detail



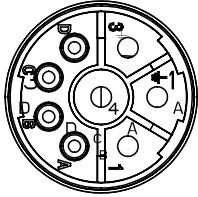

| | |
|---------------------|-------------|
| Revision | E |
| Type | |
| Mech. spec. | |
| Base | |
| Status | PRD/A |
| Elec. spec. | |
| Layout | HD100LYA001 |
| Eff. date | 04-16-2018 |
| CD Diagram | |
| Poles | |
| Leads | |
| Proprietary | False |
| Created date | 08-15-2017 |




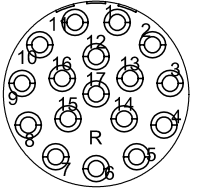
Nameplate

| LB1577T01 | | | | | | | | | |
|------------------|------------------|-----------|------------|----------|------------|--------------|------|----------|--|
| MODEL: | HDS100-0413AEKNN | | | | | | | | |
| PN | 1.3 | KW | TO | 4.0 | N.M | IO | 6.4 | A | |
| U | 230 | V | TP | 12.0 | N.M | IP | 22.0 | A | |
| NN/N MAX | 3000/4000 | | RPM | 3XPTC130 | | | | | |
| FBK | ENC | | IP | IP54 | | INS F | | | |
| BRK: | VDC/ | | N.M | | | | | | |
| S/N | | | | | | | | | |



CD2167A03

| MOTOR & BRAKE & PTC LEADS | | | |
|--|-----|--|--------------|
|  | PIN | FUNCTION  | COLOR |
|  <p>WD1456A26 (PLUG SIDE)</p> | 1 | U (R) | BLACK |
| | 2 | GROUND (PE) | YELLOW/GREEN |
| | 3 | W (T) | BLUE |
| | 4 | V (S) | RED |
| | A | PTC  | BLUE BLACK |
| | B | PTC | BLUE |
| | C | BRAKE | RED |
| | D | BRAKE | BLUE |

| INCREMENTAL ENCODER LEADS | | | | | | |
|---|-----|--|--------------|-----|--|-------------|
|  | PIN | FUNCTION  | COLOR | PIN | FUNCTION  | COLOR |
|  <p>WD1456A21 WD1456A06 (PLUG SIDE)</p> | 1 | DC+5V | RED | 10 | U | BROWN |
| | 2 | GND | BLACK | 11 | \bar{U} | BROWN/BLACK |
| | 3 | A | BLUE | 12 | V | GRAY |
| | 4 | \bar{A} | BLUE/BLACK | 13 | \bar{V} | GRAY/BLACK |
| | 5 | B | GREEN | 14 | W | WHITE |
| | 6 | \bar{B} | GREEN/BLACK | 15 | \bar{W} | WHITE/BLACK |
| | 7 | Z | YELLOW | 16 | - | - |
| | 8 | \bar{Z} | YELLOW/BLACK | 17 | | |
| | 9 | - | - | | | |

REV. DESC: CHANGE DESCRIPTION

REV: E VERSION: 05 REVISED: 03:49:58 12/23/2024 TDR: 000001247054

CD2167A03

MODEL NO. CD2167A03

REF: -

BY: CNCONIE Material: -

BALDOR

CONNECTION DIAGRAM, POWER & INC. ENCODER

CD2167A03