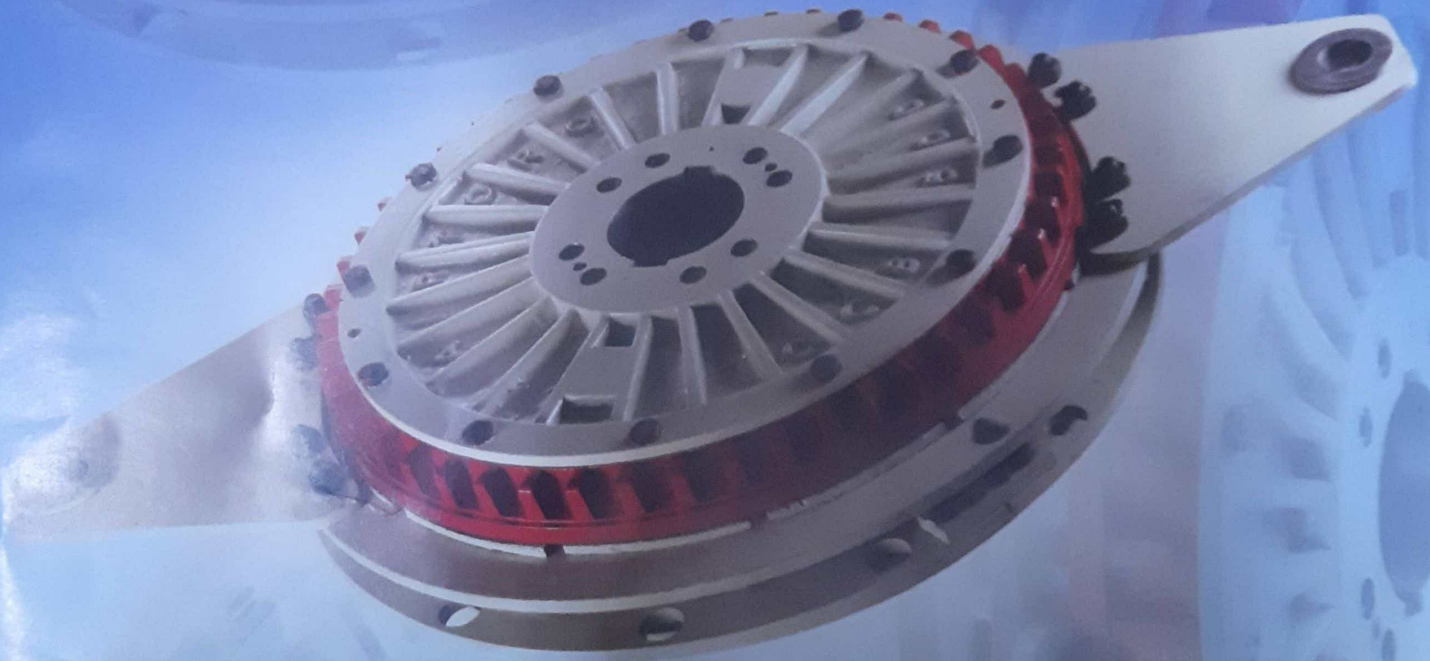


# AIRTORQ

## PNEUMATIC COMBINATION CLUTCH/BRAKES

### SERIES HT



#### **APPLICATIONS :**

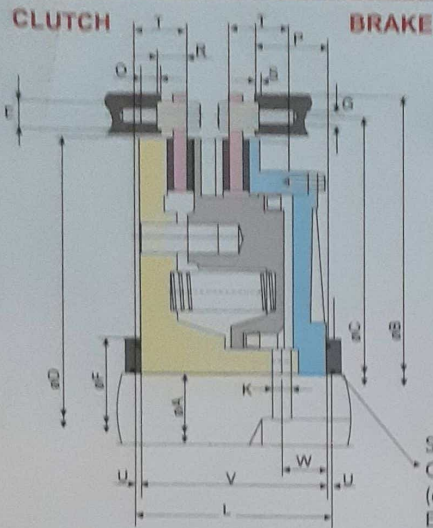
- Power Presses
- Press Brakes
- Guillotines
- Printing Machines
- Wood Working Machines
- And Many More

#### **ADVANTAGES**

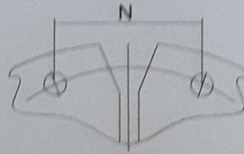
- High thermal capacity.
- Stable coefficient of friction
- Low air consumption.
- Low operating & maintenance cost
- Easy removal of worn out linings.



## 12-12 BUSH MOUNTING ARRANGEMENT

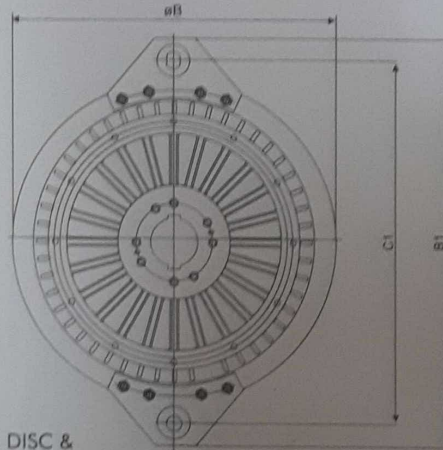
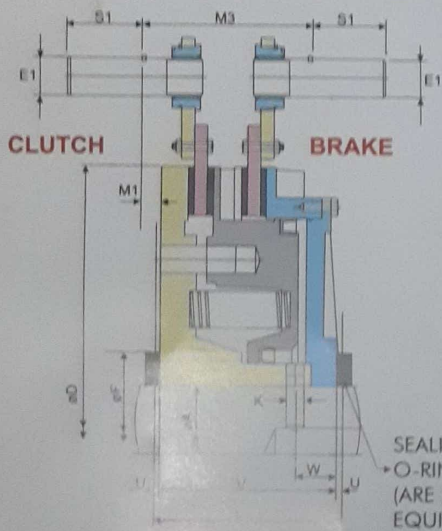


- In the bore 2 Keyways offset by 180° 2 Air Inlets offset by 180° and offset Relative to the Keyways by 90°
- Operating Pressure 5.0 to 6.0 Bar.
- For dry running only keep all friction surfaces free of lubricants.
- Mounting bushes and arms are not part of standard Equip.



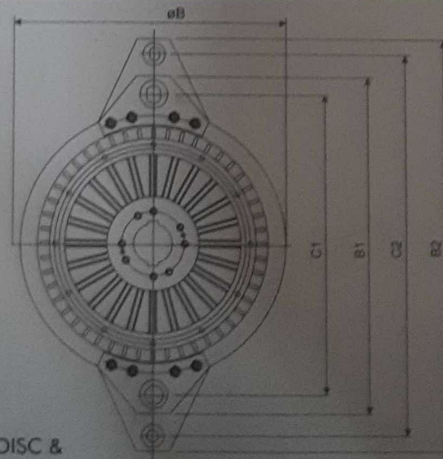
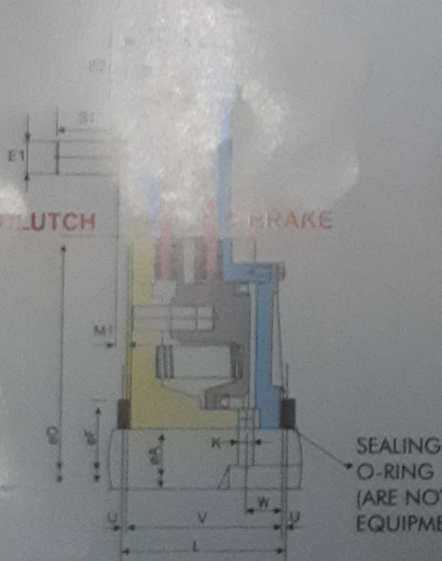
Sealing Disc & O-Ring  
(are not part of the Equipment Supplied).

## SHORT ARM-SHORT ARM TWO POINT PLATE SUSPENSION



SEALING DISC & O-RING  
(ARE NOT PART OF THE EQUIPMENT SUPPLIED).

## SHORT ARM-LONG ARM TWO POINT PLATE SUSPENSION



SEALING DISC & O-RING  
(ARE NOT PART OF THE EQUIPMENT SUPPLIED).

| MODEL                     | HT 300 | HT 490 | HT 1000 | HT 1500 | HT 2150 | HT 2900 | HT 5800 |
|---------------------------|--------|--------|---------|---------|---------|---------|---------|
| TORQUE CAPACITIES IN N.M. |        |        |         |         |         |         |         |
| CLUTCH TORQUE             | 2600   | 4900   | 10000   | 15000   | 21500   | 29000   | 58000   |
| BRAKE TORQUE              | 2100   | 3900   | 8100    | 11900   | 17400   | 22500   | 42000   |
| CLUTCH TORQUE             | 3000   | 5700   | 11500   | 17500   | 25000   | 34000   | 67000   |
| BRAKE TORQUE              | 2100   | 3900   | 8100    | 11900   | 17400   | 22500   | 42000   |
| INERTIA KG.M <sup>2</sup> |        |        |         |         |         |         |         |
| EXT                       | 0.3    | 0.5    | 20.     | 6.32    | 6.78    | 20      | 37.22   |
| INT                       | 0.6    | 1.41   | 5.7     | 8.8     | 15.5    | 24.2    | 67.25   |
| STONE VOLUME LTR.         |        |        |         |         |         |         |         |
| WORN OUT LINING           | 0.7    | 1.15   | 2.3     | 3.8     | 5.0     | 3.85    | 11.5    |
| NEW LINING                | 0.5    | 0.82   | 1.4     | 2.77    | 3.5     | 2.65    | 7.0     |
| MAX SPEED RPM             | 1500   | 1250   | 1000    | 850     | 750     | 700     | 560     |
| APPROX WEIGHT             | 75     | 110    | 265     | 272     | 350     | 530     | 910     |
| MAX ØA                    | 90     | 105    | 145     | 160     | 180     | 200     | 240     |
| ØB                        | 435    | 535    | 680     | 775     | 865     | 950     | 1145    |
| B1                        | 560    | 695    | 870     | 1000    | 1090    | 1260    | 1460    |
| B2                        | 680    | 855    | 1075    | 1235    | 1335    | 1595    | 1790    |
| C                         | 408    | 500    | 640     | 725     | 810     | 890     | 1080    |
| C1                        | 495    | 610    | 770     | 880     | 970     | 1100    | 1300    |
| C2                        | 635    | 790    | 990     | 1135    | 1235    | 1450    | 1645    |
| ØD                        | 380    | 465    | 593     | 675     | 755     | 830     | 1015    |
| E                         | 18     | 25     | 30      | 35      | 40      | 45      | 50      |
| E1                        | 30     | 40     | 45      | 55      | 55      | 65      | 75      |
| E2                        | 22     | 30     | 40      | 45      | 45      | 55      | 65      |
| F                         | 160    | 180    | 250     | 280     | 304     | 335     | 400     |
| G                         | M10    | M14    | M16     | M20     | M24     | M24     | M27     |
| K                         | 13     | 16     | 20      | 21      | 23      | 25      | 32      |
| L                         | 125    | 150    | 195     | 215     | 240     | 268     | 315     |
| N                         | 105.6  | 129.4  | 165.6   | 187.6   | 209.6   | 230.4   | 279.5   |
| O                         | 14     | 23     | 23      | 29      | 27.5    | 31      | 51      |
| P                         | 41     | 45     | 69      | 86      | 85.5    | 99      | 125     |
| R                         | 19     | 22     | 27      | 32      | 37      | 45      | 50      |
| S                         | 3      | 3      | 5       | 5       | 5       | 10      | 10      |
| S1                        | 60     | 80     | 90      | 110     | 110     | 130     | 150     |
| S2                        | 45     | 60     | 80      | 90      | 90      | 110     | 130     |
| T                         | 30     | 40     | 50      | 60      | 70      | 80      | 90      |
| U                         | 5      | 5      | 5       | 5       | 5       | 5       | 5       |
| V                         | 115    | 140    | 185     | 205     | 230     | 258     | 305     |
| W                         | 27     | 32     | 45      | 47      | 55      | 60      | 76      |
| M1                        | 8      | 22     | 10      | 14.5    | 10.5    | 22      | 16.5    |
| M2                        | 45     | 74     | 51      | 82      | 94      | 114     | 134.5   |
| M3                        | 103    | 161    | 136     | 177     | 192     | 234     |         |

SERIES HT

**AIRTORQ INDIA**

(An ISO 9001:2000 Certified Company)

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