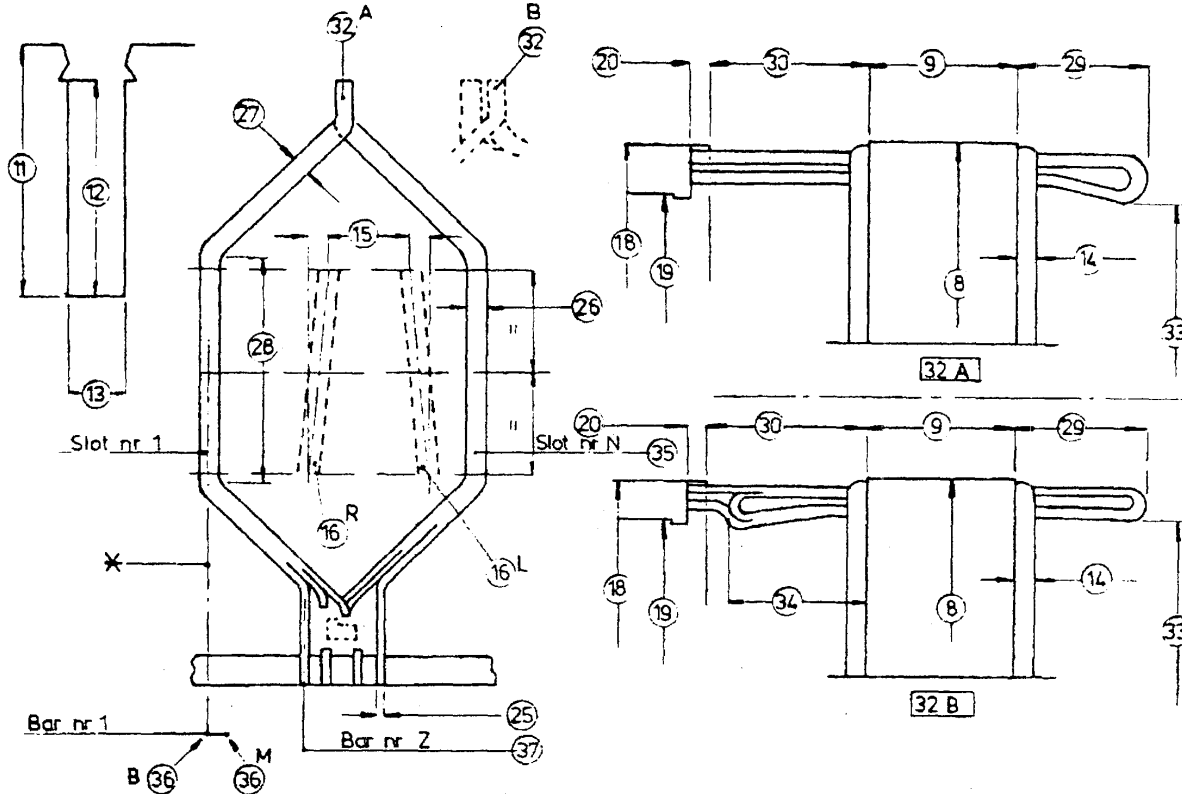


**DATA SHEET**

**DC ARMATURE WINDING (LAP CONNECTION)**



\* CL (centre line) of slot parallel with CL of shaft.

**RATING PLATE**

|   |                      |  |
|---|----------------------|--|
| 1 | Machine / Frame no.  |  |
| 2 | Manufacturer         |  |
| 3 | Rated output (kW/hp) |  |
| 4 | Rated speed (rpm)    |  |
| 5 | Rated voltage (V)    |  |
| 6 | Rated current (A)    |  |
| 7 | Insulation class     |  |

**ARMATURE DATA**

|     |                                |  |
|-----|--------------------------------|--|
| 8   | Core diameter                  |  |
| 9   | Core length                    |  |
| 10  | Number of slots                |  |
| 11  | Slot depth                     |  |
| 12  | Coil space                     |  |
| 13  | Slot width                     |  |
| 14  | Finger height                  |  |
| 15  | Skew of slots (No / ? mm skew) |  |
| 16  | Skewing direction (R/L)        |  |
| 17  | Number of commutator bars      |  |
| 18  | Riser diameter                 |  |
| 18a | Com. segment slot depth        |  |
| 18b | Com. segment slot width        |  |
| 19  | Commutator diameter            |  |
| 20  | Riser width                    |  |

**COIL DATA**

|    |                                     |     |
|----|-------------------------------------|-----|
| 21 | Number of turns per coil            |     |
| 22 | Number of wires in parallel         |     |
| 23 | Bare wire dimensions                | x   |
| 24 | Insulated wire dimensions           | x   |
| 25 | Wire thickness in commutator        |     |
| 26 | Coil width in slot                  |     |
| 27 | Coil width outside slot             |     |
| 28 | Straight length of coil side        |     |
| 29 | Rear extension                      |     |
| 30 | Distance between core and riser     |     |
| 31 | Leads tinned (yes/no)               |     |
| 32 | Single or double knuckle (A/B)      |     |
| 33 | Minimum winding diameter            |     |
| 34 | Front extension                     |     |
| 35 | Coil span from slot 1 to N          | N = |
| 36 | CL falls on bar no. 1 or mica (B/M) |     |
| 37 | Bar number Z                        | Z = |
| 38 | Weight of coil (kg)                 |     |
| 39 | Weight of full set                  |     |
| 40 | Dimensions in mm/inches             |     |

**Notes**

|  |
|--|
|  |
|  |
|  |

Data taken by: ..... Date: .....

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|   |                    |                      |
|---|--------------------|----------------------|
| <b>Form No. &amp; Name</b>                    | <b>Version No.</b> | <b>Revision Date</b> |
| Form 018 - Data Sheet DC Armature (Lap Wound) | 2                  | November 2011        |