



| Sr.No | PARTICULAR                   |                                       |
|-------|------------------------------|---------------------------------------|
| 1     | MODEL                        | CDW83H                                |
| 2     | MAX. DISCHARGE (lpm)         | 650                                   |
| 3     | TEMP DEG. C                  | 40°C                                  |
| 4     | SHUT OFF HEAD (m)            | 47                                    |
| 5     | WEIGHT (Kg)                  | 60                                    |
| 6     | PUMP B.K.W. (KW)             | 5.58                                  |
| 7     | MOTOR RATING (HP)            | 7.5                                   |
| 8     | DISCHARGE SIZE               | 3"                                    |
| 9     | SPEED                        | 2850                                  |
| 10    | TYPE OF IMPELLER             | OPEN                                  |
| 11    | SEALING                      | TWIN SS SEALING                       |
| 12    | BEARINGS                     |                                       |
|       | i) BEARING TYPE              | BALL BEARING                          |
|       | ii) BEARING LUBRICATION      | GREASE                                |
|       | iii) BEARING LIFE            | 20000 - 25000 HRS.*                   |
| 13    | CABLE DETAILS                |                                       |
|       | i) TYPE                      | PVC INSULATED, DOUBLE SHEATHED        |
|       | ii) POWER/CONTROL CABLE SIZE | 4 CORE x 2.5 sq.mm + 2 CORE x 1 sq.mm |
|       | iii) LENGTH Mtr              | CABLE 20m + 1m STEEL GRIP             |
|       | iv) MAKE                     | COSMOS PUMPS                          |
| 14    | MATERIAL OF CONSTRUCTION     |                                       |
|       | i) PUMP CASING               | ALUMINIUM ALLOY                       |
|       | ii) STATOR CASING            | EXTRUDED ALUMINIUM ALLOY              |
|       | iii) IMPELLER                | Nitride Hardening SS410               |
|       | iv) SHAFT                    | SS431                                 |
|       | v) DIFFUSER                  | NITRILE RUBBER MOULDED                |
|       | vi) MECH. SEAL               | TC vs TC                              |
|       | vii) HARDWARE, STRAINER      | SS304                                 |
| 15    | MOTOR DETAILS                |                                       |
|       | i) MAKE                      | COSMOS PUMPS                          |
|       | ii) RATING                   | 12.5 A                                |
|       | iii) No. OF POLES            | 2                                     |
|       | iv) METHOD OF STARTING       | DIRECT                                |
|       | v) MOISTURE SENSOR           | NO                                    |
|       | vi) ELECTRIC MOTOR TYPE      | INDUCTION MOTOR                       |
|       | vii) CLASS OF INSULATION     | H CLASS                               |
|       | viii) PROTECTION             | THERMAL PROTECTION                    |
|       | ix) SPEED                    | 2850                                  |
| 16    | STATOR PANEL                 |                                       |
|       | i) MAKE                      | COSMOS PUMPS                          |
|       | ii) PROTECTION RATING        | IP62                                  |
|       | iii) AMPERE RATING           | 25                                    |
|       | iv) SPECIFICATION & FEATURES | CATALOGUE ATTACHED                    |