



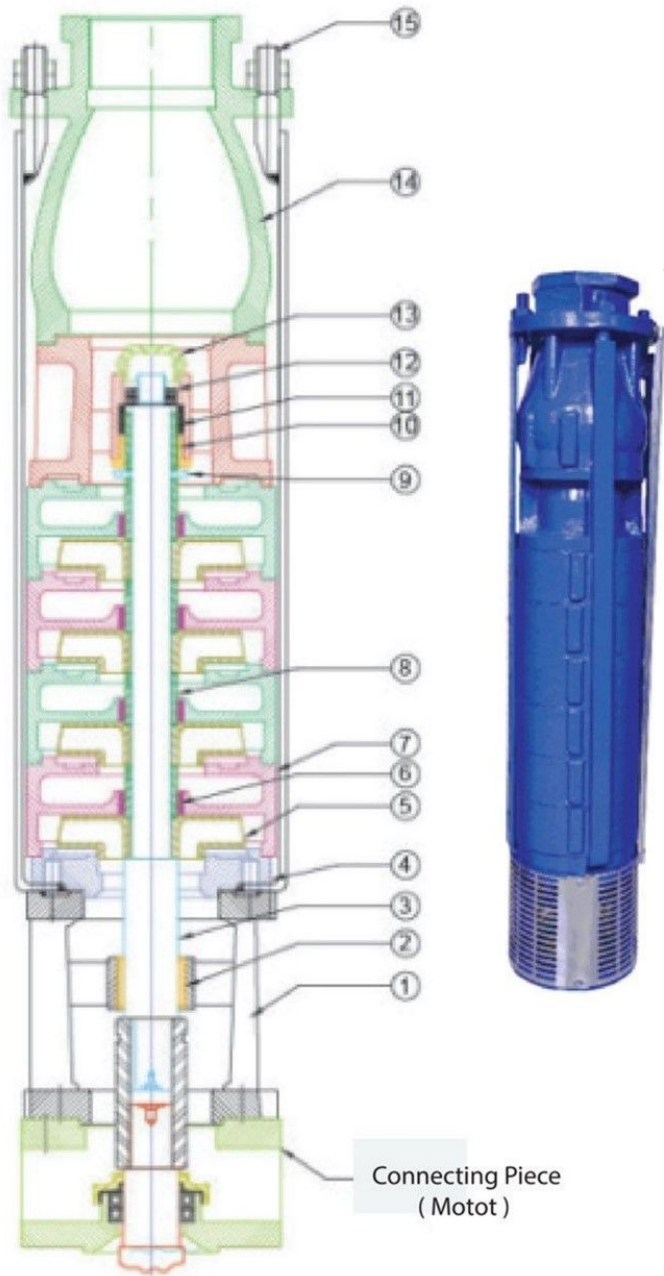
MAFFS PUMPS
P V T L T D



- MANUFACTURE
- SERVICES PROVIDER
- EXPORTER
- PROJECT SUPPLIERS

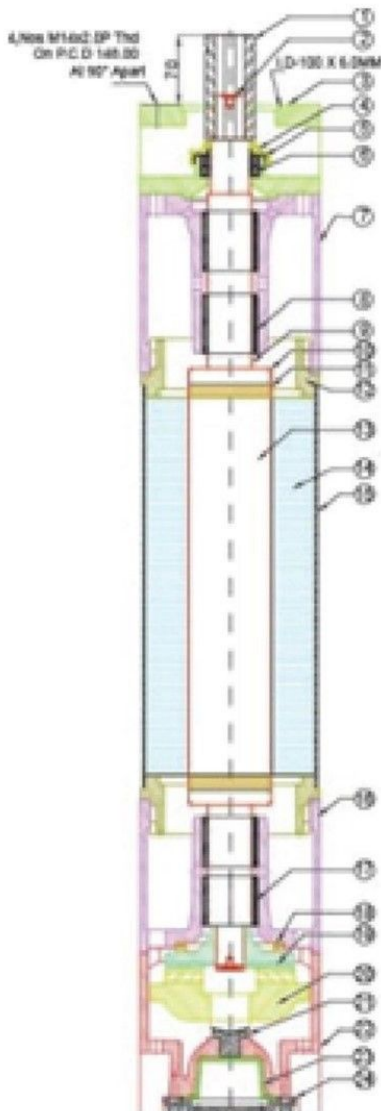
Wide range of Domestic and Agriculture submersible pumps, solar pumps and pumps spare parts etc

V8 PUMP ASSEMBLY (NRK-40)



| SR NO | Part's Name | Material |
|-------|----------------------|----------------|
| 1 | Intermediate Piece | C.I (FG-200) |
| 2 | Intermediate Bush | L.T.8- 4 |
| 3 | Pump Shaft | S.S- 410 |
| 4 | Intermediale Plate | C.I (FG-200) |
| 5 | Impeller | S.S- 410 |
| 6 | Rubber Bush | Nitrite Rubber |
| 7 | Stage Casing | C.I (FG-200) |
| 8 | Upper Sleeve | S.S- 410 |
| 9 | Top Washer | S.S- 410 |
| 10 | Counter Bearing Bush | L.T.8- 4 |
| 11 | Rubber Bush (D.O.L) | Nitrite Rubber |
| 12 | Check Nut | S.S- 410 |
| 13 | Dome Cap | Nylon |
| 14 | N.R.V. Body | C.I (FG-200) |
| 15 | Camping Stud | M.S. |

V8 MOTOR ASSEMBLY



| SR NO | Part's Name | Material |
|-------|-------------------|----------------------------|
| 1 | Couple | S.S-410 |
| 2 | Rotor Shaft | S.S-431 |
| 3 | Connecting Piece | C.I (FG-200) |
| 4 | Rubber Seal Cap | Nitrile Rubber |
| 5 | S.S Cap | S.S-202 |
| 6 | Oil seal | Nitrile Rubber + S.S. |
| 7 | Upper Brg Housing | C.I (FG-200) |
| 8 | Upper Brg Bush | L.T.B - 4 + Nitrile Rubber |
| 9 | Rotor | ---- |
| 10 | Balance Ring | Brass |
| 11 | Copper Ring | E.C Grade |
| 12 | Stud Ring | M.S. Forged |
| 13 | Rotor Stamping | CRNO |
| 14 | Stator Stamping | CRNO |
| 15 | Stator Tube | S.S-202 (1% Ni-14) |
| 16 | Lower Brg Housing | C.I (F.G-200) |
| 17 | Lower Brg Bush | L.T.B - 4 + Nitrile Rubber |
| 18 | Counter Bearing | Hylam Pad |
| 19 | Thrust Pad | S.S. + Carbon |
| 20 | Thrust Bearing | Six Segment Carbon Pad |
| 21 | Rocker Support | S.S-410 |
| 22 | Motor Base | C.I (F.G-200) |
| 23 | P.C.D. Cup | Nitrile Rubber |
| 24 | Moror Base Cover | C.I (F.G-200) |

V8 MOTOR ASSEMBLY

STRUCTURAL CHARACTERISTICS

| MODEL | NM7 (MIXED FLOW) | |
|---------------------|------------------|--------|
| NOMINAL OUTLET SIZE | MM | 75/100 |
| (IN BSP THREADS) | INCH | 3/4 |

| TYPE | H.P | STAGES | DISCHARGE(LPM) | HEAD RANGE(MTR) |
|--------|-------|---------|----------------|-----------------|
| NRK-20 | 15-30 | 7 to 15 | 540 to 200 | 74 to 263 |
| NRK-25 | 15-36 | 6 to 14 | 7300 to 300 | 63 to 263 |
| NRK-30 | 14-45 | 5 to 15 | 840 to 360 | 52 to 263 |
| NRK-40 | 15-50 | 4 to 12 | 1050 to 450 | 42 to 210 |
| NRK-50 | 10-50 | 2 to 10 | 1670 to 510 | 11 to 175 |

V8 MOTOR ASSEMBLY

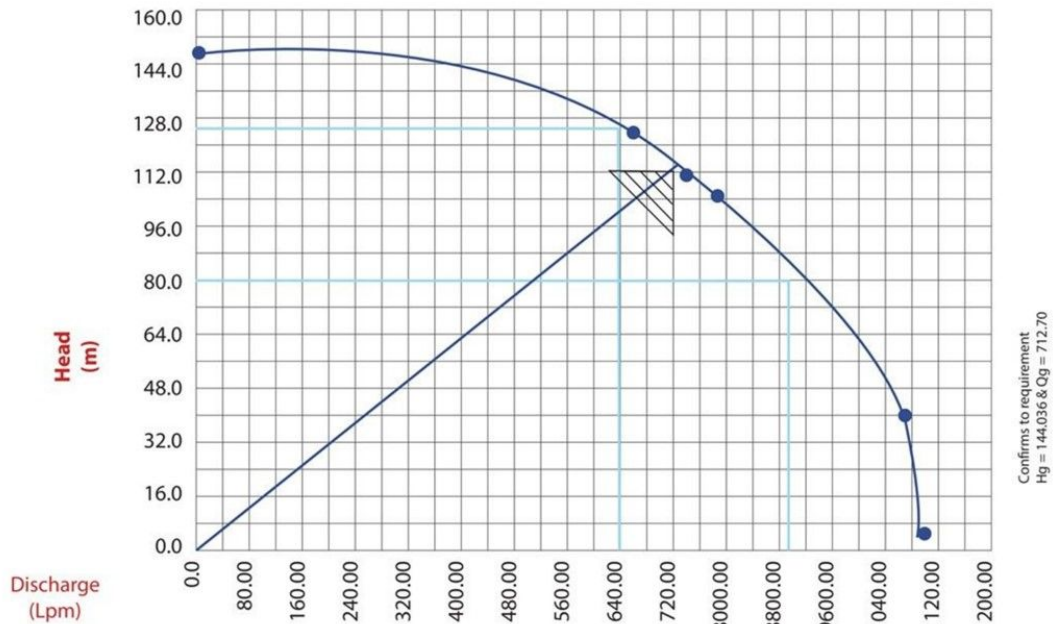
| | | |
|--------------------------------------|------------|----------------|
| Per stage head | | 14 MTR |
| MAX. OUTSIDE DIAMETER | | 195 MM |
| METHOD OF STARTING | TP | DOL, SD & ATS |
| RPM | | 2580 |
| VERSION AC SUPPLY | | 350 to 415v |
| DEGREE OF PROTECTION | | IP-58 |
| DUTY CYCLE | | S1(CONTINUOUS) |
| DIRECTION OF ROTATION | | ANTI CLOCKWISE |
| MINIMUM COOLING FLOW ALONG THE MOTOR | 0.15 m/sec | |

SALIENT FEATURES

Confirm to IS 8034: 2002
 Energy efficient pumpsets
 Easy to dismantle and repair
 Available from 6 to 25 HP in S.P and T.P
 Wide operating voltage range

SPECIAL OPTIONS

Also available in NEMA standard.





MAFFS PUMPS
P V T L T D



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