

**SUBMERSIBLE PUMPSET FOR 100mm
BOREWELL RADIAL FLOW (V4 - 96mm OD)**

MODEL: DR40H BORE: 100mm (4")

OUTLET : 32mm (1.25")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 10 | 15 | 20 | 25 | 30 | 35 |
|----------------|-----|-------|----------------------|-----|-------|-------|-----|-------|------|------|
| DR40H / 20* | 1 | 1/3 | | 126 | 114 | 103 | 92 | 78 | 63 | 47 |
| DR40H / 25* | 1.5 | 1/3 | | 157 | 142.5 | 129 | 115 | 97.5 | 79 | 59 |
| DR40H / 30* | 1.5 | 1/3 | Total Head in Metres | 188 | 171 | 154.5 | 138 | 117 | 94.5 | 70.5 |
| DR40H / 35* | 2 | 1/3 | | 220 | 199.5 | 180 | 161 | 136.5 | 110 | 82 |
| DR40H / 40 | 2 | 1/3 | | 252 | 228 | 206 | 184 | 156 | 126 | 94 |

MODEL: DR41 BORE: 100mm (4")

OUTLET : 32mm (1.25")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 25 | 30 | 35 | 40 | 45 | 50 |
|----------------|------|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR41 / 10* | 0.75 | 1 | | 50 | 46 | 44 | 41 | 37 | 33 | 27 |
| DR41 / 12* | 0.75 | 1 | | 61 | 55 | 53 | 49 | 44 | 40 | 32 |
| DR41 / 12* | 1.0 | 1/3 | | 64 | 56 | 54 | 50 | 46 | 42 | 34 |
| DR41 / 15* | 1.0 | 1/3 | | 80 | 70 | 67 | 63 | 57 | 50 | 42 |
| DR41 / 20* | 1.5 | 1/3 | Total Head in Metres | 100 | 92 | 89 | 84 | 76 | 66 | 56 |
| DR41 / 25* | 2.0 | 1/3 | | 128 | 115 | 111 | 104 | 94 | 83 | 70 |
| DR41 / 30* | 2.0 | 1/3 | | 160 | 140 | 134 | 126 | 114 | 100 | 84 |
| DR41 / 35* | 2.0 | 1/3 | | 176 | 163 | 156 | 147 | 133 | 117 | 98 |
| DR41 / 40 | 3.0 | 1/3 | | 200 | 184 | 178 | 167 | 151 | 133 | 112 |
| DR41 / 60 | 5.0 | 3 | | 300 | 276 | 267 | 251 | 227 | 200 | 168 |

MODEL: DR41H BORE: 100mm (4")

OUTLET : 32mm (1.25")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 15 | 20 | 25 | 30 | 35 | 40 |
|----------------|------|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR41H / 9* | 0.5 | 1 | | 69 | 63 | 59 | 52 | 47 | 37 | 32 |
| DR41H / 10* | 0.75 | 1 | | 78 | 70 | 66 | 58 | 52 | 41 | 35 |
| DR41H / 12* | 0.75 | 1 | | 86 | 76 | 70 | 62 | 56 | 45 | 38 |
| DR41H / 15* | 1.0 | 1/3 | | 103 | 94 | 88 | 78 | 70 | 56 | 47 |
| DR41H / 18* | 1.5 | 1/3 | | 129 | 113 | 105 | 94 | 84 | 68 | 57 |
| DR41H / 20* | 1.5 | 1/3 | Total Head in Metres | 143 | 126 | 117 | 104 | 93 | 75 | 63 |
| DR41H / 25* | 2.0 | 1/3 | | 174 | 157 | 146 | 130 | 116 | 94 | 79 |
| DR41H / 30* | 2.0 | 1/3 | | 206 | 188 | 176 | 156 | 140 | 112 | 94 |
| DR41H / 35 | 3.0 | 1/3 | | 242 | 220 | 205 | 182 | 163 | 131 | 110 |
| DR41H / 40 | 3.0 | 1/3 | | 312 | 252 | 234 | 208 | 186 | 150 | 126 |
| DR41H / 45 | 4.0 | 3 | | 323 | 283 | 263 | 234 | 209 | 169 | 142 |
| DR41H / 50 | 5.0 | 3 | | 358 | 314 | 292 | 260 | 232 | 188 | 158 |

MODEL: DR42H BORE: 100mm (4")

OUTLET : 40mm (1.5")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 20 | 30 | 40 | 50 | 60 | 70 |
|----------------|-----|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR42H / 8* | 1.0 | 1/3 | | 66 | 62 | 59 | 55 | 48 | 40 | 30 |
| DR42H / 10* | 1.0 | 1/3 | | 83 | 78 | 74 | 69 | 60 | 50 | 38 |
| DR42H / 14* | 1.5 | 1/3 | | 116 | 109 | 104 | 96 | 84 | 70 | 53 |
| DR42H / 16* | 2.0 | 1/3 | Total Head in Metres | 133 | 125 | 119 | 110 | 96 | 80 | 60 |
| DR42H / 24 | 3.0 | 1/3 | | 200 | 188 | 179 | 165 | 144 | 120 | 90 |
| DR42H / 32 | 4.0 | 3 | | 266 | 250 | 238 | 220 | 192 | 160 | 120 |
| DR42H / 40 | 5.0 | 3 | | 333 | 313 | 298 | 275 | 240 | 200 | 150 |
| DR42H / 50 | 6.0 | 3 | | 415 | 390 | 370 | 345 | 300 | 350 | 190 |

* R SERIES AVAILABLE

**SUBMERSIBLE PUMPSET FOR 100mm
BOREWELL RADIAL FLOW (V4 - 96mm OD)**

MODEL: DR42 BORE: 100mm (4")

OUTLET : 40mm (1.5")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 40 | 50 | 60 | 70 | 80 | 90 |
|----------------|------|-------|----------------------|-------|-------|------|-----|-------|-----|------|
| DR42 / 6* | 0.5 | 1 | | 34 | 29.5 | 27 | 26 | 21.5 | 18 | 15 |
| DR42 / 8* | 0.75 | 1 | | 45.5 | 39 | 36 | 34 | 29 | 24 | 20 |
| DR42 / 10* | 1.0 | 1/3 | | 57 | 49 | 45 | 43 | 36 | 30 | 25 |
| DR42 / 15* | 1.5 | 1/3 | | 85.5 | 73.5 | 67.5 | 65 | 54 | 45 | 37.5 |
| DR42 / 20* | 2.0 | 1/3 | | 114 | 98 | 90 | 86 | 72 | 60 | 50 |
| DR42 / 24 | 3.0 | 1/3 | | 137 | 117.5 | 108 | 103 | 86.5 | 72 | 60 |
| DR42 / 28 | 3.0 | 1/3 | Total Head in Metres | 159.5 | 137 | 126 | 120 | 101 | 84 | 70 |
| DR42 / 30 | 3.0 | 1/3 | | 171 | 147 | 135 | 129 | 108 | 90 | 75 |
| DR42 / 32 | 4.0 | 3 | | 182.5 | 157 | 144 | 138 | 115 | 96 | 80 |
| DR42 / 36 | 4.0 | 3 | | 205 | 176.5 | 162 | 155 | 129.5 | 108 | 90 |
| DR42 / 40 | 5.0 | 3 | | 228 | 196 | 180 | 172 | 144 | 120 | 100 |
| DR42 / 44 | 5.0 | 3 | | 251 | 215.5 | 198 | 189 | 158.5 | 132 | 110 |
| DR42 / 50 | 5.0 | 3 | | 285 | 245 | 225 | 215 | 180 | 150 | 125 |
| DR42 / 60 | 7.5 | 3 | | 342 | 294 | 270 | 258 | 216 | 180 | 150 |
| DR42 / 75 | 7.5 | 3 | | 428 | 368 | 338 | 323 | 273 | 225 | 188 |

MODEL: DR43K BORE: 100mm (4")

OUTLET : 40mm (1.5")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 40 | 60 | 80 | 100 | 120 | 140 |
|----------------|------|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR43K / 6* | 0.75 | 1 | | 36 | 32 | 30 | 28 | 24 | 20 | 14 |
| DR43K / 9* | 1.0 | 1/3 | | 54 | 48 | 45 | 42 | 36 | 30 | 21 |
| DR43K / 12* | 1.5 | 1/3 | | 72 | 64 | 60 | 56 | 48 | 40 | 28 |
| DR43K / 15* | 2.0 | 1/3 | | 90 | 80 | 75 | 70 | 60 | 50 | 35 |
| DR43K / 18 | 3.0 | 1/3 | | 108 | 95 | 90 | 83 | 72 | 60 | 42 |
| DR43K / 21 | 4.0 | 3 | Total Head in Metres | 126 | 111 | 105 | 97 | 84 | 70 | 49 |
| DR43K / 24 | 4.0 | 3 | | 144 | 127 | 120 | 111 | 96 | 80 | 56 |
| DR43K / 27 | 4.0 | 3 | | 162 | 143 | 135 | 125 | 108 | 90 | 63 |
| DR43K / 30 | 5.0 | 3 | | 180 | 159 | 150 | 139 | 120 | 100 | 70 |
| DR43K / 35 | 5.0 | 3 | | 210 | 186 | 175 | 162 | 140 | 117 | 82 |
| DR43K / 40 | 6.0 | 3 | | 240 | 213 | 200 | 187 | 160 | 133 | 93 |
| DR43K / 54 | 7.5 | 3 | | 324 | 288 | 270 | 252 | 216 | 180 | 126 |

MODEL: DR43 BORE: 100mm (4")

OUTLET : 40mm (1.5")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 60 | 80 | 100 | 120 | 140 | 160 |
|----------------|-----|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR43 / 6* | 1.0 | 1/3 | | 39 | 36 | 34 | 32 | 29 | 23 | 16 |
| DR43 / 9* | 1.5 | 1/3 | | 59 | 54 | 51 | 48 | 43 | 34 | 23 |
| DR43 / 12* | 2.0 | 1/3 | | 78 | 72 | 69 | 65 | 58 | 46 | 31 |
| DR43 / 15 | 3.0 | 1/3 | | 98 | 90 | 86 | 81 | 72 | 57 | 39 |
| DR43 / 18 | 4.0 | 3 | | 117 | 108 | 103 | 97 | 86 | 68 | 47 |
| DR43 / 21 | 5.0 | 3 | Total Head in Metres | 137 | 126 | 120 | 113 | 101 | 80 | 54 |
| DR43 / 24 | 5.0 | 3 | | 156 | 144 | 137 | 129 | 115 | 91 | 62 |
| DR43 / 25 | 5.0 | 3 | | 163 | 150 | 143 | 134 | 120 | 95 | 65 |
| DR43 / 21 | 6.0 | 3 | | 149 | 138 | 130 | 123 | 114 | 90 | 65 |
| DR43 / 27 | 6.0 | 3 | | 176 | 162 | 154 | 145 | 129 | 102 | 70 |
| DR43 / 30 | 6.0 | 3 | | 195 | 180 | 171 | 161 | 144 | 114 | 78 |
| DR43 / 36 | 7.5 | 3 | | 324 | 216 | 204 | 192 | 174 | 138 | 96 |

MODEL: DR45 BORE: 100mm (4")

OUTLET : 50mm (2")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 75 | 100 | 125 | 150 | 175 | 200 |
|----------------|-----|-------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| DR45 / 7* | 1.5 | 1/3 | | 36 | 33 | 31 | 29 | 24 | 19 | 14 |
| DR45 / 10* | 2.0 | 1/3 | | 54 | 48 | 45 | 41 | 35 | 27 | 20 |
| DR45 / 15 | 3.0 | 1/3 | Total Head in Metres | 81 | 72 | 67 | 61 | 52 | 40 | 30 |
| DR45 / 20 | 4.0 | 3 | | 108 | 96 | 90 | 82 | 70 | 54 | 40 |
| DR45 / 25 | 5.0 | 3 | | 135 | 120 | 112 | 102 | 87 | 67 | 50 |
| DR45 / 30 | 6.0 | 3 | | 162 | 144 | 135 | 123 | 105 | 81 | 60 |

* R SERIES AVAILABLE

**SUBMERSIBLE PUMPSET FOR 100mm
BOREWELL MIXED FLOW (V4 - 96mm OD)**

MODEL: DM41 BORE: 100mm (4") OUTLET : 50mm (2")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 150 | 200 | 250 | 300 | 350 | 400 |
|----------------|-----|-------|----------------------|----|-----|-----|------|-----|------|------|
| DM41 / 8 | 3.0 | 1/3 | | 42 | 36 | 33 | 27 | 21 | 14 | 7 |
| DM41 / 10 | 3.0 | 1/3 | | 52 | 45 | 41 | 34 | 26 | 18 | 10 |
| DM41 / 12 | 5.0 | 3 | Total Head in Metres | 63 | 54 | 49 | 41 | 32 | 21 | 11 |
| DM41 / 14 | 5.0 | 3 | | 73 | 63 | 57 | 48 | 37 | 25 | 13 |
| DM41 / 14 | 6.0 | 3 | | 75 | 65 | 60 | 51.5 | 45 | 36.5 | 26.5 |
| DM41 / 17 | 6.0 | 3 | | 88 | 77 | 70 | 58 | 55 | 44 | 32 |

MODEL: DM41K BORE: 100mm (4") OUTLET : 65mm (2.5")

| Model / Stages | HP | Phase | Discharge LPM | 0 | 150 | 200 | 250 | 300 | 350 | 400 |
|----------------|-----|-------|----------------------|----|------|-----|------|------|------|------|
| DM41K / 8 | 3.0 | 1/3 | | 43 | 36 | 33 | 29.5 | 26 | 21 | 15 |
| DM41K / 10 | 3.0 | 1/3 | | 54 | 45 | 41 | 37 | 35 | 26 | 19 |
| DM41K / 12 | 5.0 | 3 | Total Head in Metres | 64 | 53.5 | 49 | 44 | 38.5 | 31 | 23 |
| DM41K / 14 | 6.0 | 3 | | 75 | 65 | 60 | 51.5 | 45 | 36.5 | 26.5 |
| DM41K / 16 | 7.5 | 3 | | 86 | 72 | 66 | 59 | 52 | 42 | 30 |
| DM41K / 18 | 7.5 | 3 | | 96 | 80 | 74 | 66 | 58 | 46.5 | 34.5 |

CAPACITOR RECOMMENDED – SINGLE PHASE

| HP | STARTING (MFD) | RUNNING(MFD) |
|------|----------------|--------------|
| 0.5 | 120/150 | 30 |
| 0.75 | 120/150 | 40 |
| 1 | 120/150 | 40 |
| 1.5 | 150/200 | 55 |
| 2.0 | 200/250 | 70 |
| 3.0 | 250/300 | 100 |

DECCAN
SUBMERSIBLE PUMPSETS