



### Suitable for V-4 (100mm) bore well

Approx performance chart at 2800 RPM, 350 to 415 volts  
V-4 Deluxe motor full s.s Dia 96mm and Pump Dia. 86mm

**Three Phase**  
50Hz Supply

### Copper Rotor & Copper Wiring

#### R4 SERIES

Qlpm : Water Outlet 1.25" / 32mm

| NS-1      |         | DISCHARGE HEAD IN METER |        |       | Loading per Stage : 0.05<br>Duty point Head per Stage : 4.0mt |     |     |     |     |    |    |       |
|-----------|---------|-------------------------|--------|-------|---|-----|-----|-----|-----|----|----|-------|
| Item Code | MODEL   | MOTOR                   | RATING | STAGE |   |     |     |     |     |    |    |       |
|           |         | Kw                      | HP     |       | 5   | 10  | 20  | 32  | 45  | 55 | 65 | in mm |
| NS102     | R-1181  | 0.75                    | 1.0    | 18    | 110   | 105 | 90  | 72  | 45  | 27 | 2  | 1.5   |
| NS103     | R-1201  | 0.75                    | 1.0    | 20    | 124   | 120 | 100 | 80  | 50  | 32 | 2  | 1.5   |
| NS104     | R-15251 | 1.1                     | 1.5    | 25    | 155   | 140 | 125 | 100 | 65  | 40 | 2  | 2.5   |
| NS105     | R-2301  | 1.5                     | 2.0    | 30    | 180   | 175 | 145 | 120 | 74  | 42 | 2  | 2.5   |
| NS106     | R-2351  | 1.5                     | 2.0    | 35    | 217   | 210 | 175 | 131 | 85  | 52 | 2  | 4.0   |
| NS107     | R-3351  | 2.2                     | 3.0    | 35    | 218   | 210 | 175 | 140 | 90  | 58 | 2  | 4.0   |
| NS108     | R-3401  | 2.2                     | 3.0    | 40    | 245   | 234 | 192 | 158 | 98  | 60 | 2  | 4.0   |
| NS109     | R-4401  | 3.0                     | 4.0    | 40    | 248   | 240 | 200 | 162 | 100 | 62 | 3  | 4.0   |
| NS110     | R-5501  | 3.7                     | 5.0    | 50    | 310   | 300 | 250 | 200 | 152 | 80 | 4  | 4.0   |

#### R4 SERIES

Qlpm : Water Outlet 1.25" / 32mm

| NS-2      |         | DISCHARGE HEAD IN METER |        |       | Loading per Stage : 0.65<br>Duty point Head per Stage : 4.0mt |     |     |     |     |    |     |       |
|-----------|---------|-------------------------|--------|-------|---|-----|-----|-----|-----|----|-----|-------|
| Item Code | MODEL   | MOTOR                   | RATING | STAGE |   |     |     |     |     |    |     |       |
|           |         | Kw                      | HP     |       | 7   | 20  | 32  | 45  | 60  | 72 | 80  | in mm |
| NS111     | R-1122  | 0.75                    | 1.0    | 12    | 76  | 72  | 60  | 48  | 30  | 20 | 1.5 | 1.5   |
| NS112     | R-1152  | 0.75                    | 1.0    | 15    | 93  | 88  | 75  | 60  | 36  | 24 | 1.5 | 1.5   |
| NS113     | R-15182 | 1.1                     | 1.5    | 18    | 110   | 106 | 90  | 72  | 45  | 27 | 1.5 | 2.5   |
| NS114     | R-15202 | 1.1                     | 1.5    | 20    | 124   | 120 | 100 | 80  | 50  | 32 | 2   | 2.5   |
| NS115     | R-2222  | 1.5                     | 2.0    | 22    | 136   | 132 | 110 | 88  | 55  | 35 | 2   | 2.5   |
| NS116     | R-2252  | 1.5                     | 2.0    | 25    | 155   | 150 | 125 | 100 | 62  | 40 | 2   | 4.0   |
| NS117     | R-3302  | 2.2                     | 3.0    | 30    | 185   | 180 | 150 | 125 | 76  | 45 | 3   | 4.0   |
| NS118     | R-4352  | 3.0                     | 4.0    | 35    | 218   | 210 | 175 | 140 | 88  | 55 | 3   | 4.0   |
| NS119     | R-5402  | 3.7                     | 5.0    | 40    | 245   | 240 | 200 | 160 | 100 | 62 | 3   | 4.0   |
| NS120     | R-2545  | 3.7                     | 5.0    | 45    | 275   | 265 | 222 | 180 | 110 | 70 | 4   | 4.0   |

#### R4 SERIES

Qlpm : Water Outlet 1.25" / 32mm

| NS-4      |         | DISCHARGE HEAD IN METER |        |       | Loading per Stage : 0.100<br>Duty point Head per Stage : 4.0mt |     |     |     |    |     |     |       |
|-----------|---------|-------------------------|--------|-------|--|-----|-----|-----|----|-----|-----|-------|
| Item Code | MODEL   | MOTOR                   | RATING | STAGE |  |     |     |     |    |     |     |       |
|           |         | Kw                      | HP     |       | 10   | 24  | 52  | 65  | 76 | 100 | 112 | in mm |
| NS121     | R-1104  | 0.75                    | 1.0    | 10    | 62   | 55  | 50  | 40  | 25 | 16  | 1.5 | 1.5   |
| NS122     | R-15154 | 1.1                     | 1.5    | 15    | 90   | 82  | 75  | 60  | 37 | 24  | 1.5 | 2.5   |
| NS123     | R-2184  | 1.5                     | 2.0    | 18    | 110  | 98  | 90  | 72  | 45 | 27  | 1.5 | 4.0   |
| NS124     | R-2204  | 1.5                     | 2.0    | 20    | 123  | 110 | 100 | 80  | 50 | 32  | 2   | 4.0   |
| NS125     | R-3224  | 2.2                     | 3.0    | 22    | 135  | 120 | 110 | 88  | 54 | 35  | 2   | 4.0   |
| NS126     | R-4254  | 3.0                     | 4.0    | 25    | 154  | 138 | 125 | 100 | 62 | 40  | 2   | 4.0   |
| NS127     | R-5354  | 3.0                     | 5.0    | 35    | 215  | 193 | 175 | 140 | 88 | 55  | 2   | 4.0   |





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**Three Phase**  
50Hz Supply

### Copper Rotor & Copper Wiring

#### R4 SERIES

Qlpm : Water Outlet 1.25" / 32mm  
1.5"/40mm

| Item Code | MODEL   | DISCHARGE HEAD IN METER |           |       | Loading per Stage : 0.125<br>Duty point Head per Stage : 4.0mt |     |     |     |     |     |     |     | in mm |
|-----------|---------|-------------------------|-----------|-------|--|-----|-----|-----|-----|-----|-----|-----|-------|
|           |         | MOTOR Kw                | RATING HP | STAGE | 12   | 40  | 60  | 90  | 120 | 140 | 170 |     |       |
| NS128     | R-185   | 0.75                    | 1.0       | 8     | 49   | 44  | 40  | 32  | 20  | 12  | 1.5 | 1.5 |       |
| NS129     | R-15105 | 1.1                     | 1.5       | 10    | 61   | 55  | 50  | 40  | 25  | 16  | 1.5 | 2.5 |       |
| NS130     | R-15125 | 1.1                     | 1.5       | 12    | 73   | 65  | 60  | 48  | 30  | 19  | 1.5 | 2.5 |       |
| NS131     | R-2155  | 1.5                     | 2.0       | 15    | 90   | 82  | 75  | 60  | 36  | 24  | 1.5 | 2.5 |       |
| NS132     | R-3185  | 2.2                     | 3.0       | 18    | 110  | 98  | 90  | 72  | 45  | 28  | 1.5 | 4.0 |       |
| NS133     | R-4205  | 3.0                     | 4.0       | 20    | 122  | 110 | 100 | 80  | 50  | 32  | 2   | 4.0 |       |
| NS134     | R-5257  | 3.7                     | 5.0       | 25    | 152  | 137 | 125 | 100 | 62  | 40  | 2   | 4.0 |       |
| NS135     | R-5530  | 3.7                     | 5.0       | 30    | 183  | 165 | 150 | 120 | 75  | 45  | 2   | 4.0 |       |

#### R4 SERIES

Qlpm : Water Outlet 1.5" / 40mm  
2"/50mm

| Item Code | MODEL   | DISCHARGE HEAD IN METER |           |       | Loading per Stage : 0.200<br>Duty point Head per Stage : 4.0mt |     |     |     |     |     |     |     | in mm |
|-----------|---------|-------------------------|-----------|-------|--|-----|-----|-----|-----|-----|-----|-----|-------|
|           |         | MOTOR Kw                | RATING HP | STAGE | 17   | 60  | 80  | 110 | 140 | 160 | 180 |     |       |
| NS136     | R-157   | 0.75                    | 1.0       | 5     | 31   | 27  | 25  | 20  | 12  | 8   | 1.5 | 1.5 |       |
| NS137     | R-1577  | 1.1                     | 1.5       | 7     | 44   | 38  | 35  | 28  | 17  | 10  | 1.5 | 1.5 |       |
| NS138     | R-1587  | 1.1                     | 1.5       | 8     | 49   | 42  | 40  | 32  | 20  | 12  | 1.5 | 1.5 |       |
| NS139     | R-2107  | 1.5                     | 2.0       | 10    | 62   | 55  | 50  | 40  | 25  | 15  | 1.5 | 2.5 |       |
| NS140     | R-2127  | 1.5                     | 2.0       | 12    | 73   | 66  | 60  | 48  | 30  | 18  | 1.5 | 2.5 |       |
| NS141     | R-3157  | 2.2                     | 3.0       | 15    | 93   | 82  | 75  | 60  | 37  | 22  | 1.5 | 4.0 |       |
| NS142     | R-4187  | 3.0                     | 4.0       | 18    | 110  | 98  | 90  | 62  | 45  | 27  | 1.5 | 4.0 |       |
| NS142     | R-52010 | 3.7                     | 5.0       | 20    | 122  | 115 | 104 | 85  | 56  | 32  | 1.5 | 4.0 |       |

#### R4 SERIES

Qlpm : Water Outlet 2" / 50mm

| Item Code | MODEL   | DISCHARGE HEAD IN METER |           |       | Loading per Stage : 0.250<br>Duty point Head per Stage : 4.0mt |    |    |     |     |     |     |     | in mm |
|-----------|---------|-------------------------|-----------|-------|--|----|----|-----|-----|-----|-----|-----|-------|
|           |         | MOTOR Kw                | RATING HP | STAGE | 20   | 50 | 90 | 140 | 160 | 180 | 220 |     |       |
| NS143     | R-15610 | 1.1                     | 1.5       | 6     | 37   | 33 | 30 | 24  | 15  | 9   | 1.5 | 1.5 |       |
| NS144     | R-2810  | 1.5                     | 2.0       | 8     | 49   | 44 | 40 | 32  | 20  | 12  | 1.5 | 2.5 |       |
| NS145     | R-31010 | 2.2                     | 3.0       | 10    | 62   | 55 | 50 | 40  | 25  | 16  | 1.5 | 2.5 |       |
| NS146     | R-31210 | 2.2                     | 3.0       | 12    | 70   | 62 | 58 | 45  | 25  | 15  | 1.5 | 2.5 |       |
| NS147     | R-41212 | 3.0                     | 4.0       | 12    | 73   | 66 | 60 | 48  | 30  | 18  | 1.5 | 4.0 |       |
| NS148     | R-41510 | 3.0                     | 4.0       | 15    | 90   | 80 | 74 | 60  | 35  | 22  | 1.5 | 4.0 |       |
| NS149     | R-51518 | 3.7                     | 5.0       | 15    | 93   | 82 | 75 | 60  | 37  | 24  | 1.5 | 4.0 |       |
| NS150     | R-51812 | 3.7                     | 5.0       | 18    | 110  | 98 | 90 | 72  | 45  | 28  | 1.5 | 4.0 |       |

#### R4 SERIES

Qlpm : Water Outlet 2" / 50mm

| Item Code | MODEL   | DISCHARGE HEAD IN METER |           |       | Loading per Stage : 0.350<br>Duty point Head per Stage : 4.0mt |    |     |     |     |     |     |     | in mm |
|-----------|---------|-------------------------|-----------|-------|--|----|-----|-----|-----|-----|-----|-----|-------|
|           |         | MOTOR Kw                | RATING HP | STAGE | 25   | 75 | 160 | 210 | 300 | 380 | 450 |     |       |
| NS151     | R-2630  | 1.5                     | 2.0       | 6     | 32   | 27 | 24  | 21  | 15  | 9   | 1.5 | 2.5 |       |
| NS152     | R-3830  | 2.2                     | 3.0       | 8     | 43   | 36 | 32  | 28  | 20  | 12  | 1.5 | 4.0 |       |
| NS153     | R-4830  | 3.0                     | 4.0       | 8     | 44   | 36 | 32  | 29  | 20  | 12  | 1.5 | 4.0 |       |
| NS154     | R-41030 | 3.0                     | 4.0       | 10    | 54   | 44 | 38  | 35  | 23  | 14  | 1.5 | 4.0 |       |
| NS155     | R-51030 | 3.7                     | 5.0       | 10    | 54   | 45 | 40  | 36  | 25  | 15  | 1.5 | 4.0 |       |
| NS156     | R-51230 | 3.7                     | 5.0       | 12    | 64   | 54 | 48  | 43  | 30  | 18  | 1.5 | 4.0 |       |

