

Orbital Hydraulic Motors

■ Specification



| Series | | NLHR-50 | NLHR-80 | NLHR-100 | NLHR-125 | NLHR-160 |
|-------------------|-------|---------|---------|----------|----------|----------|
| Flow (lpm) | rated | 40 | 60 | 60 | 60 | 60 |
| | max | 50 | 75 | 75 | 75 | 75 |
| Speed (rpm) | rated | 755 | 750 | 600 | 475 | 375 |
| | max | 970 | 940 | 750 | 600 | 470 |
| Pressure (bar) | rated | 140 | 175 | 100 | 175 | 165 |
| | max | 175 | 200 | 200 | 200 | 200 |
| Torque (Nm) | rated | 100 | 190 | 240 | 292 | 363 |
| | max | 126 | 220 | 280 | 340 | 430 |
| Power (kW) | rated | 7.7 | 15 | 15 | 14 | 14 |
| | max | 9.7 | 17 | 17 | 16 | 16 |

| Series | | NLHR-200 | NLHR-250 | NLHR-315 | NLHR-400 |
|-------------------|-------|----------|----------|----------|----------|
| Flow (lpm) | rated | 60 | 60 | 60 | 60 |
| | max | 75 | 75 | 75 | 75 |
| Speed (rpm) | rated | 300 | 240 | 190 | 160 |
| | max | 375 | 300 | 240 | 200 |
| Pressure (bar) | rated | 130 | 100 | 85 | 85 |
| | max | 175 | 140 | 115 | 115 |
| Torque (Nm) | rated | 358 | 352 | 360 | 420 |
| | max | 448 | 470 | 470 | 548 |
| Power (kW) | rated | 11 | 9 | 7 | 8.8 |
| | max | 14 | 12 | 9 | 12 |

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| Series | | NLHV-195 | NLHV-245 | NLHV-310 | NLHV-390 | NLHV-490 | NLHV-625 | NLHV-800 | NLHV985 |
|-------------------|-------|----------|----------|----------|----------|----------|----------|----------|---------|
| Flow (lpm) | rated | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | max | 170 | 210 | 225 | 225 | 225 | 225 | 225 | 225 |
| Speed (rpm) | rated | 775 | 615 | 698 | 387 | 307 | 241 | 184 | 153 |
| | max | 866 | 834 | 485 | 570 | 454 | 355 | 278 | 230 |
| Pressure (bar) | rated | 170 | 170 | 170 | 170 | 170 | 120 | 120 | 120 |
| | max | 275 | 275 | 275 | 275 | 240 | 140 | 140 | 140 |
| Torque (Nm) | rated | 475 | 615 | 775 | 965 | 1215 | 1125 | 1380 | 1570 |
| | max | 770 | 980 | 1225 | 1455 | 1685 | 1330 | 1650 | 1875 |
| Power (kW) | rated | 38.6 | 39.6 | 56.7 | 39.1 | 39.1 | 28.4 | 26.6 | 25.2 |
| | max | 69.9 | 85.6 | 62.3 | 86.99 | 80.2 | 49.5 | 48.1 | 45.2 |