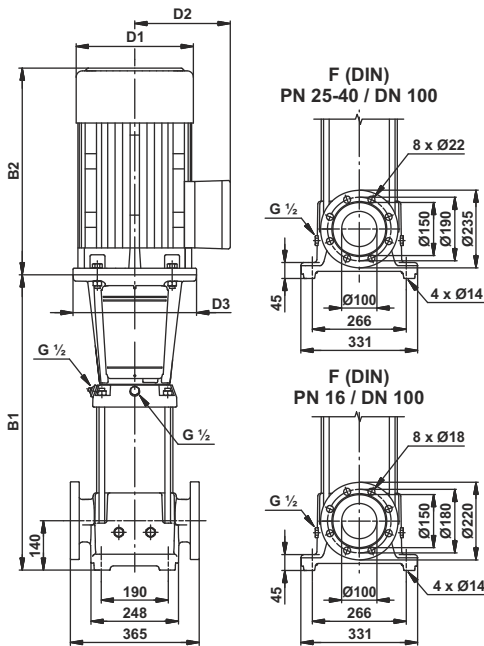


Technical Data

Vertical multistage centrifugal pumps

LCR 64

Performance Chart



| Pump Type | H.P. | kW | Q l/min m ³ /h | n = 2900 rpm | | | | | |
|------------|------|------|---------------------------------|--------------|-------|--------|--------|--------|--------|
| | | | | 666.7 | 833.3 | 1000.0 | 1083.4 | 1166.7 | 1333.4 |
| | | | | 40.0 | 50.0 | 60.0 | 65.0 | 70.0 | 80.0 |
| LCR 64/1-1 | 5.50 | 4.00 | H mts. | 19 | 17 | 14 | 13 | 12 | 8 |
| LCR 64/1 | 7.50 | 5.50 | | 27 | 25 | 22 | 21 | 20 | 17 |
| LCR 64/2-2 | 10.0 | 7.50 | | 38 | 36 | 32 | 30 | 26 | 20 |
| LCR 64/2-1 | 15.0 | 11.0 | | 46 | 43 | 39 | 37 | 36 | 29 |
| LCR 64/2 | 15.0 | 11.0 | | 53 | 50 | 46 | 44 | 42 | 37 |
| LCR 64/3-2 | 20.0 | 15.0 | | 65 | 61 | 56 | 53 | 50 | 41 |
| LCR 64/3-1 | 20.0 | 15.0 | | 72 | 68 | 62 | 59 | 56 | 47 |
| LCR 64/3 | 25.0 | 18.5 | | 81 | 76 | 71 | 68 | 65 | 57 |
| LCR 64/4-2 | 25.0 | 18.5 | | 92 | 87 | 79 | 75 | 70 | 60 |
| LCR 64/4-1 | 30.0 | 22.0 | | 100 | 95 | 87 | 82 | 77 | 66 |
| LCR 64/4 | 30.0 | 22.0 | | 108 | 102 | 94 | 90 | 85 | 75 |
| LCR 64/5-2 | 40.0 | 30.0 | | 122 | 115 | 105 | 100 | 94 | 81 |
| LCR 64/5-1 | 40.0 | 30.0 | | 130 | 123 | 113 | 108 | 102 | 88 |
| LCR 64/5 | 40.0 | 30.0 | | 137 | 130 | 120 | 115 | 109 | 96 |
| LCR 64/6-2 | 40.0 | 30.0 | | 148 | 140 | 129 | 123 | 116 | 99 |
| LCR 64/6-1 | 50.0 | 37.0 | | 156 | 149 | 137 | 131 | 124 | 108 |
| LCR 64/6 | 50.0 | 37.0 | | 164 | 156 | 144 | 138 | 131 | 116 |
| LCR 64/7-2 | 50.0 | 37.0 | | 176 | 167 | 154 | 146 | 138 | 120 |
| LCR 64/7-1 | 50.0 | 37.0 | | 183 | 174 | 161 | 154 | 145 | 128 |
| LCR 64/7 | 60.0 | 45.0 | | 194 | 185 | 172 | 165 | 157 | 138 |
| LCR 64/8-2 | 60.0 | 45.0 | 206 | 195 | 181 | 173 | 163 | 141 | |
| LCR 64/8-1 | 60.0 | 45.0 | 214 | 203 | 188 | 180 | 170 | 148 | |

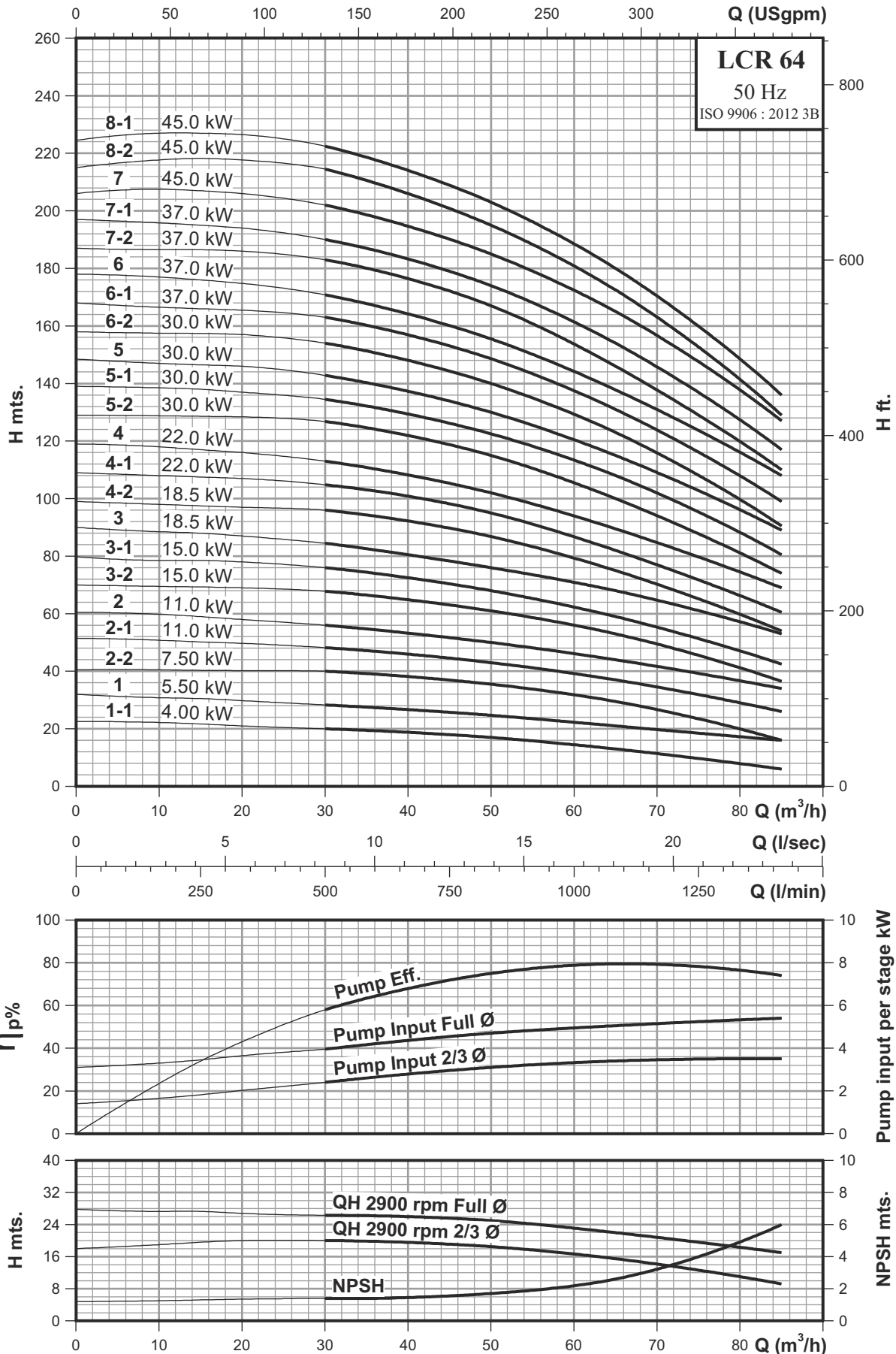
Dimensions & Weights of LCR Pump

| Pump type | Dimensions [mm] | | | | | Net weight [kg] | Gross weight [kg] | Gross volume [m ³] |
|------------|-----------------|-------|-----|-----|-----|-----------------|-------------------|--------------------------------|
| | DIN flange | | D1 | D2 | D3 | | | |
| | B1 | B1+B2 | | | | | | |
| LCR 64/1-1 | 561 | 911 | 220 | 150 | 158 | 91.0 | 149.0 | 0.3745 |
| LCR 64/1 | 561 | 971 | 262 | 177 | 298 | 102.0 | 160.0 | 0.3745 |
| LCR 64/2-2 | 644 | 1054 | 262 | 177 | 298 | 114.0 | 172.0 | 0.3745 |
| LCR 64/2-1 | 754 | 1296 | 304 | 225 | 350 | 149.0 | 207.0 | 0.3745 |
| LCR 64/2 | 754 | 1296 | 304 | 225 | 350 | 149.0 | 207.0 | 0.3745 |
| LCR 64/3-2 | 836 | 1378 | 304 | 225 | 350 | 174.0 | 232.0 | 0.3745 |
| LCR 64/3-1 | 836 | 1378 | 304 | 225 | 350 | 174.0 | 232.0 | 0.3745 |
| LCR 64/3 | 836 | 1378 | 304 | 225 | 350 | 204.0 | 262.0 | 0.3745 |
| LCR 64/4-2 | 919 | 1461 | 304 | 225 | 350 | 214.0 | 284.0 | 0.4495 |
| LCR 64/4-1 | 919 | 1529 | 363 | 262 | 350 | 245.0 | 315.0 | 0.4495 |
| LCR 64/4 | 919 | 1529 | 363 | 262 | 350 | 245.0 | 315.0 | 0.4495 |
| LCR 64/5-2 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCR 64/5-1 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCR 64/5 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCR 64/6-2 | 1084 | 1730 | 415 | 300 | 400 | 336.0 | 419.0 | 0.5370 |
| LCR 64/6-1 | 1084 | 1787 | 415 | 300 | 400 | 356.0 | 439.0 | 0.5370 |
| LCR 64/6 | 1084 | 1787 | 415 | 300 | 400 | 356.0 | 439.0 | 0.5370 |
| LCR 64/7-2 | 1166 | 1869 | 415 | 300 | 400 | 376.0 | 459.0 | 0.5370 |
| LCR 64/7-1 | 1166 | 1869 | 415 | 300 | 400 | 376.0 | 459.0 | 0.5370 |
| LCR 64/7 | 1166 | 1875 | 442 | 325 | 450 | 440.0 | 523.0 | 0.5370 |
| LCR 64/8-2 | 1249 | 1958 | 442 | 325 | 450 | 473.0 | 556.0 | 0.5370 |
| LCR 64/8-1 | 1249 | 1958 | 442 | 325 | 450 | 473.0 | 556.0 | 0.5370 |

Performance Curves

Vertical multistage centrifugal pumps

LCR 64

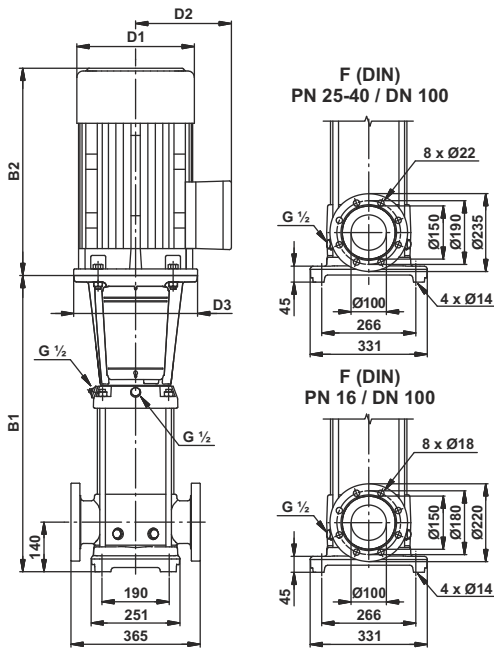


Technical Data

Vertical multistage centrifugal pumps

LCRI, LCRN 64

Performance Chart



| Pump Type | H.P. | kW | Q l/min m ³ /h | n = 2900 rpm | | | | | |
|-------------------|------|------|---------------------------------|--------------|-------|--------|--------|--------|--------|
| | | | | 666.7 | 833.3 | 1000.0 | 1083.4 | 1166.7 | 1333.4 |
| | | | | 40.0 | 50.0 | 60.0 | 65.0 | 70.0 | 80.0 |
| LCRI, LCRN 64/1-1 | 5.50 | 4.00 | H mts. | 19 | 17 | 14 | 13 | 12 | 8 |
| LCRI, LCRN 64/1 | 7.50 | 5.50 | | 27 | 25 | 22 | 21 | 20 | 17 |
| LCRI, LCRN 64/2-2 | 10.0 | 7.50 | | 38 | 36 | 32 | 30 | 26 | 20 |
| LCRI, LCRN 64/2-1 | 15.0 | 11.0 | | 46 | 43 | 39 | 37 | 36 | 29 |
| LCRI, LCRN 64/2 | 15.0 | 11.0 | | 53 | 50 | 46 | 44 | 42 | 37 |
| LCRI, LCRN 64/3-2 | 20.0 | 15.0 | | 65 | 61 | 56 | 53 | 50 | 41 |
| LCRI, LCRN 64/3-1 | 20.0 | 15.0 | | 72 | 68 | 62 | 59 | 56 | 47 |
| LCRI, LCRN 64/3 | 25.0 | 18.5 | | 81 | 76 | 71 | 68 | 65 | 57 |
| LCRI, LCRN 64/4-2 | 25.0 | 18.5 | | 92 | 87 | 79 | 75 | 70 | 60 |
| LCRI, LCRN 64/4-1 | 30.0 | 22.0 | | 100 | 95 | 87 | 82 | 77 | 66 |
| LCRI, LCRN 64/4 | 30.0 | 22.0 | | 108 | 102 | 94 | 90 | 85 | 75 |
| LCRI, LCRN 64/5-2 | 40.0 | 30.0 | | 122 | 115 | 105 | 100 | 94 | 81 |
| LCRI, LCRN 64/5-1 | 40.0 | 30.0 | | 130 | 123 | 113 | 108 | 102 | 88 |
| LCRI, LCRN 64/5 | 40.0 | 30.0 | | 137 | 130 | 120 | 115 | 109 | 96 |
| LCRI, LCRN 64/6-2 | 40.0 | 30.0 | | 148 | 140 | 129 | 123 | 116 | 99 |
| LCRI, LCRN 64/6-1 | 50.0 | 37.0 | | 156 | 149 | 137 | 131 | 124 | 108 |
| LCRI, LCRN 64/6 | 50.0 | 37.0 | | 164 | 156 | 144 | 138 | 131 | 116 |
| LCRI, LCRN 64/7-2 | 50.0 | 37.0 | | 176 | 167 | 154 | 146 | 138 | 120 |
| LCRI, LCRN 64/7-1 | 50.0 | 37.0 | | 183 | 174 | 161 | 154 | 145 | 128 |
| LCRI, LCRN 64/7 | 60.0 | 45.0 | | 194 | 185 | 172 | 165 | 157 | 138 |
| LCRI, LCRN 64/8-2 | 60.0 | 45.0 | 206 | 195 | 181 | 173 | 163 | 141 | |
| LCRI, LCRN 64/8-1 | 60.0 | 45.0 | 214 | 203 | 188 | 180 | 170 | 148 | |

Dimensions & Weights of LCRI, LCRN Pump

| Pump type | Dimensions [mm] | | | | | Net weight [kg] | Gross weight [kg] | Gross volume [m ³] |
|-------------------|-----------------|-------|-----|-----|-----|-----------------|-------------------|--------------------------------|
| | DIN flange | | D1 | D2 | D3 | | | |
| | B1 | B1+B2 | | | | | | |
| LCRI, LCRN 64/1-1 | 561 | 911 | 220 | 150 | 158 | 91.0 | 149.0 | 0.3745 |
| LCRI, LCRN 64/1 | 561 | 971 | 262 | 177 | 298 | 102.0 | 160.0 | 0.3745 |
| LCRI, LCRN 64/2-2 | 644 | 1054 | 262 | 177 | 298 | 114.0 | 172.0 | 0.3745 |
| LCRI, LCRN 64/2-1 | 754 | 1296 | 304 | 225 | 350 | 149.0 | 207.0 | 0.3745 |
| LCRI, LCRN 64/2 | 754 | 1296 | 304 | 225 | 350 | 149.0 | 207.0 | 0.3745 |
| LCRI, LCRN 64/3-2 | 836 | 1378 | 304 | 225 | 350 | 174.0 | 232.0 | 0.3745 |
| LCRI, LCRN 64/3-1 | 836 | 1378 | 304 | 225 | 350 | 174.0 | 232.0 | 0.3745 |
| LCRI, LCRN 64/3 | 836 | 1378 | 304 | 225 | 350 | 204.0 | 262.0 | 0.3745 |
| LCRI, LCRN 64/4-2 | 919 | 1461 | 304 | 225 | 350 | 214.0 | 284.0 | 0.4495 |
| LCRI, LCRN 64/4-1 | 919 | 1529 | 363 | 262 | 350 | 245.0 | 315.0 | 0.4495 |
| LCRI, LCRN 64/4 | 919 | 1529 | 363 | 262 | 350 | 245.0 | 315.0 | 0.4495 |
| LCRI, LCRN 64/5-2 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCRI, LCRN 64/5-1 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCRI, LCRN 64/5 | 1001 | 1647 | 415 | 300 | 400 | 316.0 | 386.0 | 0.4495 |
| LCRI, LCRN 64/6-2 | 1084 | 1730 | 415 | 300 | 400 | 336.0 | 419.0 | 0.5370 |
| LCRI, LCRN 64/6-1 | 1084 | 1787 | 415 | 300 | 400 | 356.0 | 439.0 | 0.5370 |
| LCRI, LCRN 64/6 | 1084 | 1787 | 415 | 300 | 400 | 356.0 | 439.0 | 0.5370 |
| LCRI, LCRN 64/7-2 | 1166 | 1869 | 415 | 300 | 400 | 376.0 | 459.0 | 0.5370 |
| LCRI, LCRN 64/7-1 | 1166 | 1869 | 415 | 300 | 400 | 376.0 | 459.0 | 0.5370 |
| LCRI, LCRN 64/7 | 1166 | 1875 | 442 | 325 | 450 | 440.0 | 523.0 | 0.5370 |
| LCRI, LCRN 64/8-2 | 1249 | 1958 | 442 | 325 | 450 | 473.0 | 556.0 | 0.5370 |
| LCRI, LCRN 64/8-1 | 1249 | 1958 | 442 | 325 | 450 | 473.0 | 556.0 | 0.5370 |

Performance Curves

Vertical multistage centrifugal pumps

LCRI, LCRN 64

