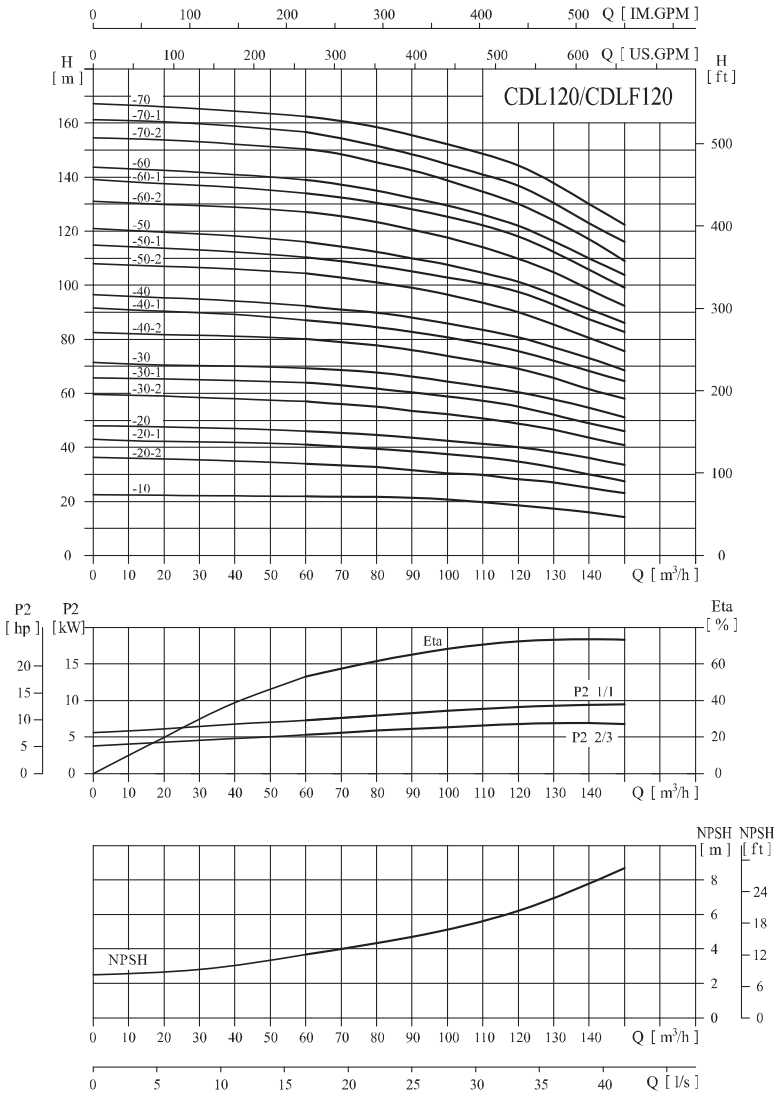
## Performance curve

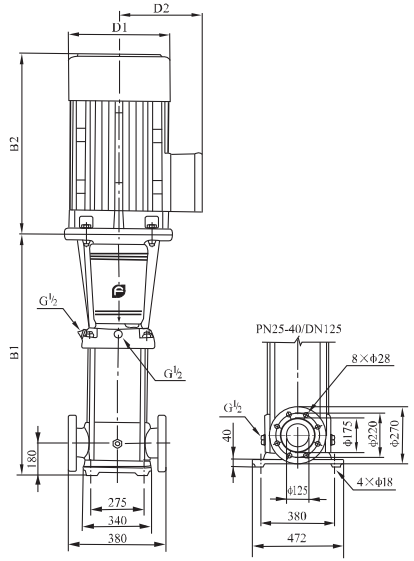
ISO9906 Annex A 2950rpm




## Performance table

| Model | Driving motor (kW) | Driving motor (hp) | Q ($m^3/h$) | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CDL120-10 | 11 | 15 | H (m) | 22 | 21.8 | 21.6 | 21 | 20.5 | 19.5 | 18.5 | 17 | 16 | 15 |
| CDL120-20-2 | 15 | 20 | | 34 | 33.6 | 33 | 31 | 30.2 | 30 | 28.5 | 27 | 25 | 24 |
| CDL120-20-1 | 18.5 | 25 | | 41 | 40 | 39.5 | 38.5 | 37 | 36.5 | 34.5 | 32.5 | 30 | 27.5 |
| CDL120-20 | 22 | 30 | | 46 | 45 | 44.5 | 43.5 | 42.4 | 41 | 40 | 38 | 36 | 33.5 |
| CDL120-30-2 | 30 | 40 | | 57 | 56 | 55 | 53.5 | 52 | 51 | 49 | 46.5 | 43.5 | 41 |
| CDL120-30-1 | 30 | 40 | | 64 | 63 | 62 | 60 | 58.5 | 57.5 | 55.5 | 52 | 49 | 46 |
| CDL120-30 | 30 | 40 | | 69.5 | 68.5 | 67.5 | 66 | 64.4 | 62.5 | 61 | 57.5 | 54.5 | 51 |
| CDL120-40-2 | 37 | 50 | | 80.5 | 79 | 78 | 76 | 73.5 | 72 | 69 | 66 | 61.5 | 58 |
| CDL120-40-1 | 37 | 50 | | 87 | 86 | 84.5 | 82 | 80 | 78 | 76 | 72 | 68 | 64.5 |
| CDL120-40 | 45 | 60 | | 92.5 | 91 | 90 | 88 | 85.5 | 83 | 81 | 77 | 73 | 68.5 |
| CDL120-50-2 | 45 | 60 | | 104.5 | 103 | 101 | 99 | 96 | 93 | 90 | 85.5 | 80.5 | 75.5 |
| CDL120-50-1 | 45 | 60 | | 110.5 | 109 | 107.5 | 105 | 102 | 100 | 97 | 92 | 86.5 | 83 |
| CDL120-50 | 55 | 75 | | 115.5 | 114 | 113 | 110 | 107.5 | 104.5 | 101.5 | 96 | 91 | 86 |
| CDL120-60-2 | 55 | 75 | | 128 | 125.5 | 123 | 121 | 117.3 | 113.5 | 110 | 104.5 | 98.5 | 92.5 |
| CDL120-60-1 | 55 | 75 | | 134 | 132 | 130.5 | 127 | 124 | 121 | 118 | 111 | 105 | 100 |
| CDL120-60 | 75 | 100 | | 139 | 137 | 135 | 132 | 128.8 | 126 | 123 | 116 | 110 | 104 |
| CDL120-70-2 | 75 | 100 | | 151 | 148 | 145.5 | 143 | 138.6 | 134 | 130 | 123.5 | 116.5 | 109 |
| CDL120-70-1 | 75 | 100 | | 156.5 | 154 | 152 | 148.5 | 144.5 | 141 | 137.5 | 130 | 123 | 116.5 |
| CDL120-70 | 75 | 100 | | 162.5 | 160.5 | 158.5 | 155 | 151 | 148 | 145 | 137 | 129 | 123 |

## Installation sketch




## Size and weight

| Model | Size (mm) B1 | B2 | B1+B2 | D1 | D2 | Weight (kg) |
|---|---|---|---|---|---|---|
| CDL120-10 | 840 | 500 | 1340 | 330 | 255 | 230 |
| CDL120-20-2 | 1000 | 500 | 1500 | 330 | 255 | 245 |
| CDL120-20-1 | 1000 | 550 | 1550 | 330 | 255 | 250 |
| CDL120-20 | 1000 | 575 | 1575 | 360 | 285 | 285 |
| CDL120-30-2 | 1160 | 650 | 1810 | 400 | 310 | 360 |
| CDL120-30-1 | 1160 | 650 | 1810 | 400 | 310 | 360 |
| CDL120-30 | 1160 | 650 | 1810 | 400 | 310 | 360 |
| CDL120-40-2 | 1320 | 650 | 1970 | 400 | 310 | 400 |
| CDL120-40-1 | 1320 | 650 | 1970 | 400 | 310 | 400 |
| CDL120-40 | 1320 | 685 | 2005 | 460 | 340 | 460 |
| CDL120-50-2 | 1480 | 685 | 2165 | 460 | 340 | 470 |
| CDL120-50-1 | 1480 | 685 | 2165 | 460 | 340 | 470 |
| CDL120-50 | 1510 | 760 | 2270 | 540 | 370 | 575 |
| CDL120-60-2 | 1670 | 760 | 2430 | 540 | 370 | 585 |
| CDL120-60-1 | 1670 | 760 | 2430 | 540 | 370 | 585 |
| CDL120-60 | 1670 | 845 | 2515 | 580 | 410 | 705 |
| CDL120-70-2 | 1830 | 845 | 2675 | 580 | 410 | 715 |
| CDL120-70-1 | 1830 | 845 | 2675 | 580 | 410 | 715 |
| CDL120-70 | 1830 | 845 | 2675 | 580 | 410 | 715 |

The overall dimensions of explosion-proof motor is a little different. Pls contact us for details.