# CDM
# CDMF

# 50Hz

## Light Vertical Multistage Centrifugal Pump

Stock code:300145

**Pumping Water Pumping Honor**

CNP

## Company profile

Founded in 1991,CNP has been listed on Shenzhen Stock Exchange on 9th December,2010;Stock name:CNP;Stock code:300145

In 2017,CNP's annual output has exceeded 700,000 units/set, with sales over 2 billion, and continues to grow at a double-digit annual rate. CNP has a national-level enterprise technology center, launched ultra-high efficient,new generation CDM (F) light vertical multi-stage centrifugal pump in 2017, All series of light stainless steel pump products grow stably. Advanced frequency conversion water supply equipment has been innovated to the 6th generation. Fire pump and diesel engine have obtained UL certification.TD in-line pump, NIS/NISO end suction pump, NSC split casing pump, WQ sewage pump, metering pump, oil pump and other pump products, can meet various application needs of different fields.

With over 300 domestic offices and foreign agents, CNP has a complete network of marketing services to meet the requirements of overseas and domestic needs. The products have been widely applied in the area of pressurization, industry, living water, cycling of air-conditioning water, heat supply, fire extinguishing system, pumping of underground water, treatment of sewage and waste water, chemical industry and desalination of sea water,etc.

CNP, a green water expert beside you.

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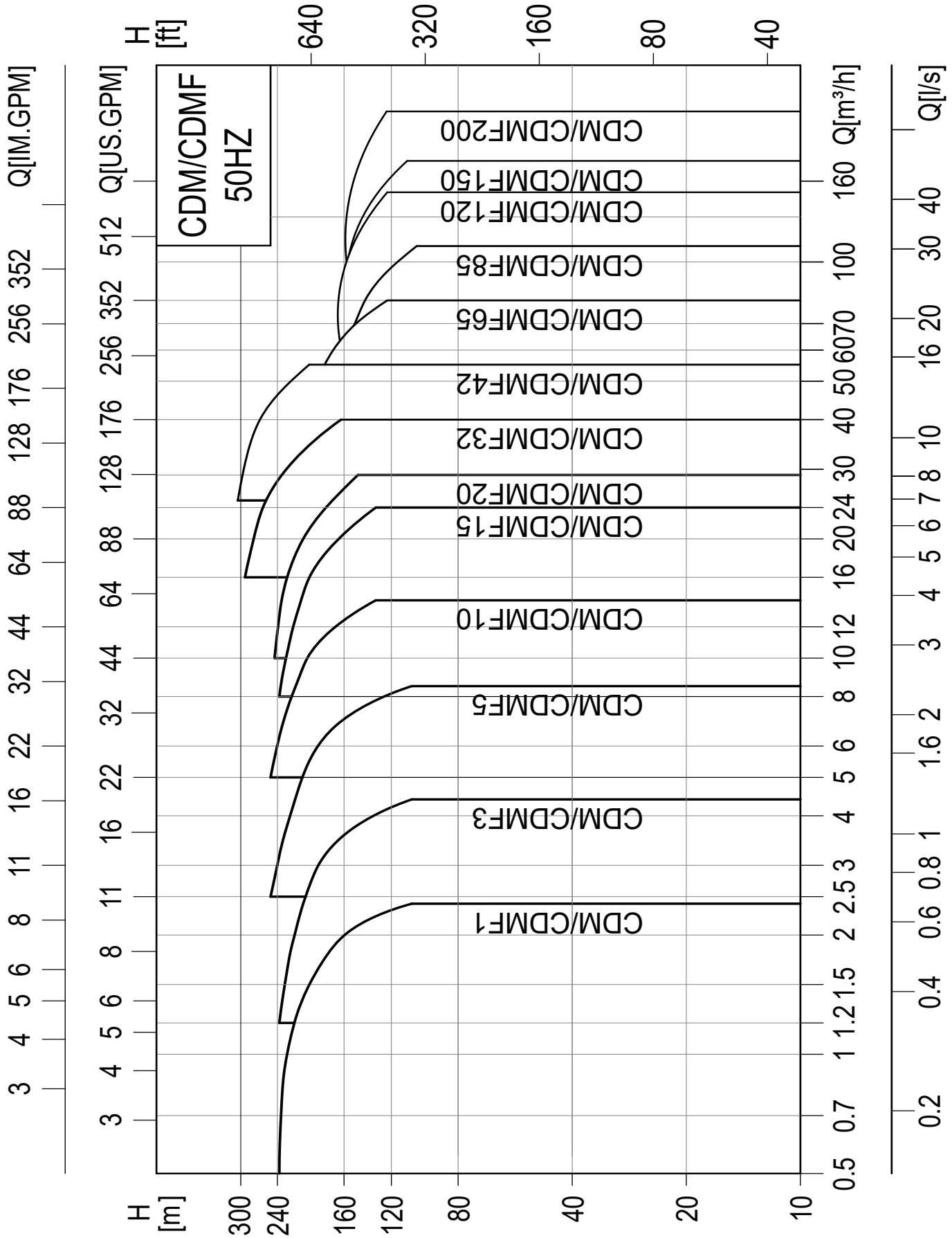
## Performance scope



# Performance range

| Description | | CDM/CDMF | | | | | |
|---|---|---|---|---|---|---|---|
| Rated flow [m³/h] | | 1 | 3 | 5 | 10 | 15 | 20 |
| Rated flow [l/s] | | 0.28 | 0.83 | 1.39 | 2.78 | 4.17 | 5.56 |
| Flow range [ m³/h] | | 0.5~2.4 | 1.2~4.4 | 2.5~8.5 | 5~14 | 8~24 | 10~29 |
| Flow range [l/s] | | 0.14~0.67 | 0.33~1.22 | 0.69~2.36 | 1.39~3.89 | 2.22~6.67 | 2.78~8.06 |
| Max. pressure [bar] | | 22 | 23 | 24 | 24 | 22 | 25 |
| Motor power [kW] | | 0.37~2.2 | 0.37~3 | 0.37~5.5 | 0.75~11 | 1.1~15 | 1.1~18.5 |
| Temp [˚C ] | | -15 ~ +120 | | | | | |
| Max. efficiency [%] | | 48 | 58 | 70 | 72 | 73 | 73 |
| CDM Pipelines | DIN flange | DN25 | DN25 | DN32 | DN40 | DN50 | DN50 |
| | Oval flange | G1 | G1 | G1¼ | G1½ | | |
| CDMF Pipelines | DIN flange | DN25 | DN25 | DN32 | DN40 | DN50 | DN50 |
| | Cutting ferrule joint | DN32 | DN32 | DN32 | DN50 | DN50 | DN50 |
| | Pipe thread | R1¼ | R1¼ | R1¼ | R2 | R2 | R2 |
| | Oval flange | G1 | G1 | G1¼ | G1½ | | |

| Description | | CDM/CDMF | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Rated flow [m³/h] | | 32 | 42 | 65 | 85 | 120 | 150 | 200 |
| Rated flow [l/s] | | 8.89 | 11.67 | 18.06 | 23.61 | 33.33 | 41.67 | 55.56 |
| Flow range [ m³/h] | | 16~40 | 25~55 | 30~80 | 50~110 | 60~150 | 80~180 | 100~240 |
| Flow range [l/s] | | 4.44~11.11 | 6.94~15.28 | 8.33~22.22 | 13.89~30.56 | 16.67~41.67 | 22.22~50 | 27.78~66.67 |
| Max. pressure [bar] | | 29 | 30 | 22 | 17 | 16 | 16 | 16 |
| Motor power [kW] | | 1.5~30 | 3~45 | 4~45 | 5.5~45 | 11~75 | 11~75 | 18.5~110 |
| Temp [˚C ] | | -15~+120 | | | | | | |
| Max. efficiency [%] | | 73 | 75 | 76 | 77 | 74 | 73 | 79 |
| Pipelines | DIN flange | DN65 | DN80 | DN100 | DN100 | DN125 | DN125 | DN150 |

## Summary

CDM/CDMF pumps are new generation, high efficiency, non-self-priming vertical multistage centrifugal pumps (Abbr. as pumps). It referred European standard, used entirely new industrial design. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light, easy for service, high reliability.

## Motor

Totally enclosed, fan cooled, 2 pole standard motor
IP class: IP55
Insulation class: F
Voltage: 50Hz:1×200-230/240V
3×200-220/346-380V
3×220-240/380-415V

## Working conditions

Thin, clean, non-flammable, non-explosive, solid free, fiber free, physically and chemically water-like liquid.

Liquid temperature:
Normal temperature type: -15˚C to 70˚C
Hot water type:-15˚C to 120˚C
Ambient temperature:up to +40˚C
Altitude: up to 1000m

## Application

CDM/CDMF pumps are designed for a variety of applications from the pumping of potable water to the pumping of industrial liquids. Applied for liquids of different temperature, different rated flow, different pressure range. CDM is suitable for non-corrosive liquid, CDMF is suitable for light corrosive liquid.

Boosting: Filtering and transferring water in water factories, delivering water in different zone, pressuring for major pipelines, boosting for high buildings.

Pressuring: Water circulating system, washing system, high pressure flushing system, fire-fighting system.

HVAC: Air condition system

Water treatment: Ultrafiltration system, R/O system, distillation system, separator, swimming pool.

## Performance curve

Following conditions are suitable for performance curve below.

1.All curves are based on the measured values of 50Hz;constant motor speed 2900rpm or 2950rpm.

2.Curve tolerance in conformity with ISO9906:2012, Grade 3B.

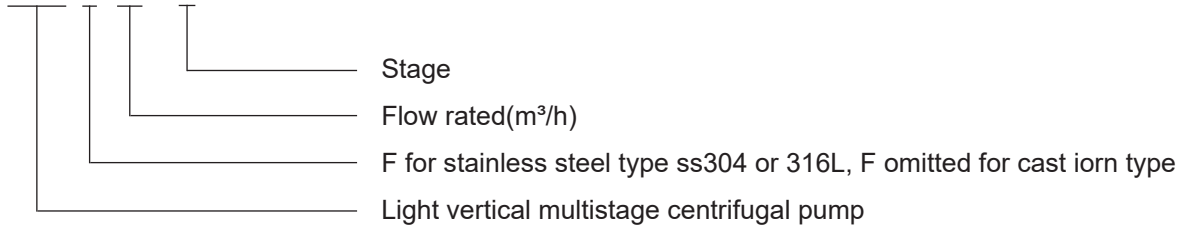
3.Measurement is done with 20˚C air-free water, kinematic viscosity of 1$mm^2$/sec.

4.The operation of pump shall refer to the performance region indicated by the thickened curve to prevent overheating due to too small flow rate or overload of motor due to too large flow rate.

# Model definition

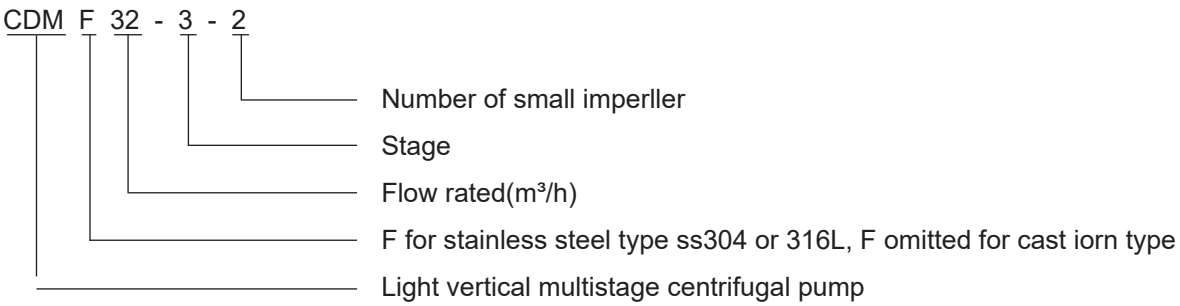
CDM/CDMF 1,3,5,10,15&20

CDM F 10 - 2



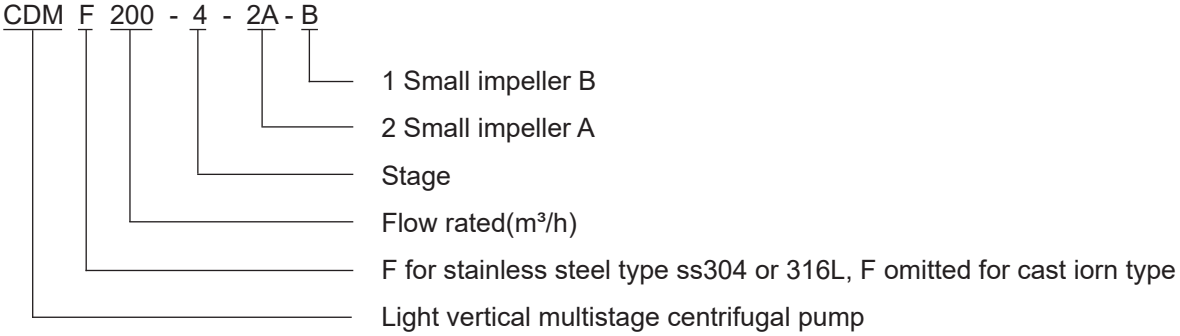

CDM/CDMF 32,42,65,85,120&150

CDM F 32 - 3 - 2




CDM/CDMF 200

CDM F 200 - 4 - 2A - B

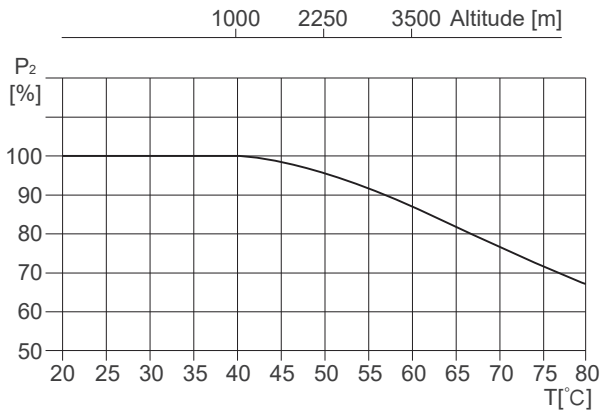


# Max.working perssure

| Model | Max working(bar) |
|---|---|
| CDM/CDMF1,3,5,10,15,20 Flange, cutting ferrule, pipe thread | 25 |
| CDM/CDMF1,3,5,10 oval flange | 16 |
| CDM32 | |
| 32-1-1~32-8 | 16(30) |
| 32-9-2~32-16 | 30 |
| CDMF32 | 30 |
| CDM42 | |
| 42-1-1~42-6-2 | 16(30) |
| 42-6~42-9 | 25(30) |
| 42-10-2~42-13-2 | 30 |
| CDMF42 | |
| 42-1-1~42-9 | 16(25) |
| 42-10-2~42-13-2 | 25 |
| CDM65 | |
| 65-1-1~65-5-2 | 16(25) |
| 65-5-1~65-8-1 | 25 |
| CDM85 | |
| 85-1-1~85-4-2 | 16(25) |
| 85-4~85-6 | 25 |
| CDMF65,85 | 25 |
| CDM/CDMF120,150,200 | 20 |
| ()Need to specify especially. | |

# Max ambient temperature, altitude above sea level

When pumps working in the condition of higher than 40˚C or higher than 1000m altitude, because the air density lessened, cooling performance is reduced, motor output power $P_2$ is reduced also. The motor power shall be enlarged in those working conditions.




# Min.inlet pressure

In case that the pressure in pump is lower than the steam pressure used to convey liquid, the cavitations will occur. To avoid cavitations, a minimum pressure at the inlet side of the pump shall be guaranteed. The maximum suction stroke can be calculated with following formula:

H=Pb×10.2-NPSH-Hf-Hv-Hs

pb = Barometric pressure in bar.

(Barometric pressure can be set to 1 bar).

In a closed system, Pb means system pressure [bar].

NPSH = Net Positive Suction Head [m].

(It can be read from the point of possible max. flow rate shown on NPSH curve.)

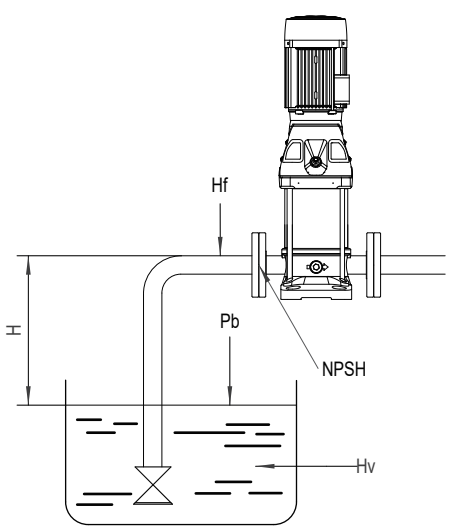
Hf =Pipe friction loss at the inlet[m].

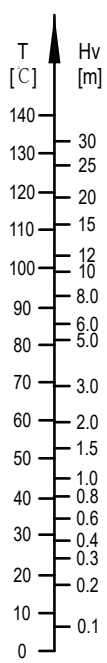
Hv = Vapour pressure [m].

Hs = Safety margin = minimum 0.5 meters head.

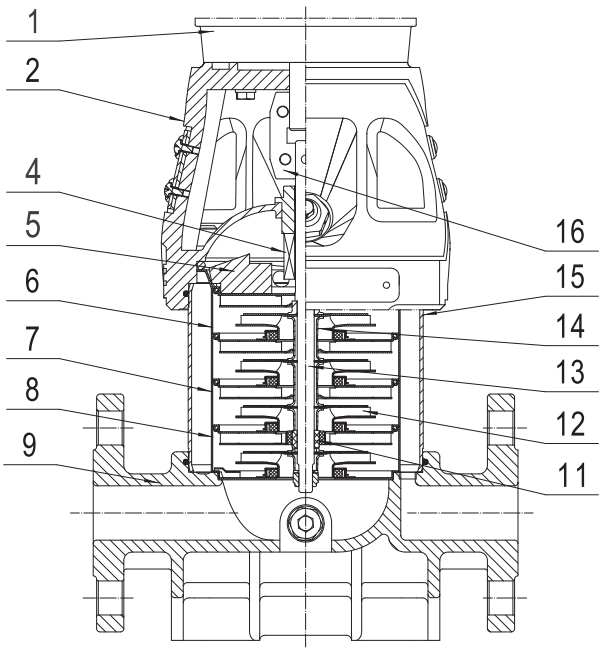
If the "H" calculated is positive, the pump may run under the max. suction stroke H.

If the "H" calculated is negative, A head of minimum inlet pressure H is required.

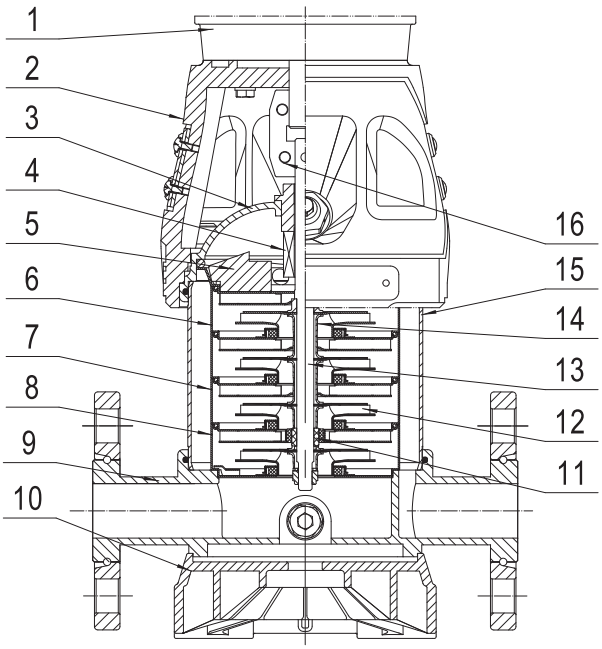


# CDM/CDMF 1,3,5 Sectional drawing




CDM




CDMF

## CDM 1,3,5 Material list

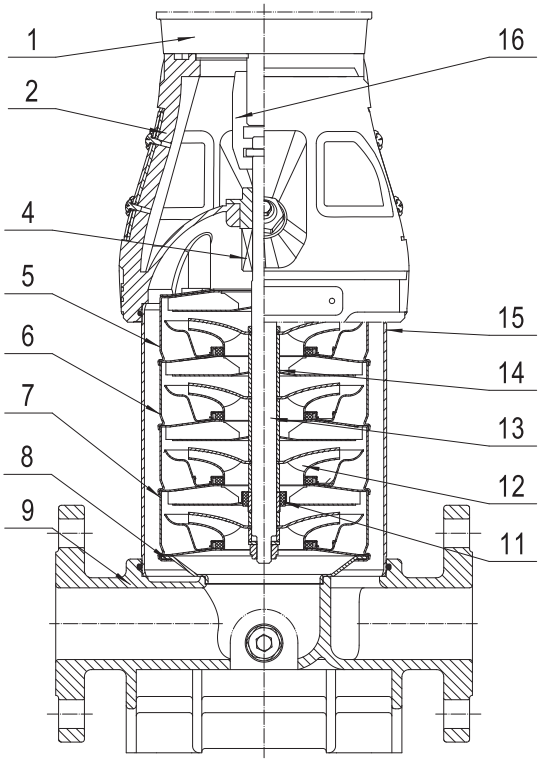
| Pos. | Name | Materials | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Pump head | Cast iron | ASTM25B |
| 4 | Mechanical seal | Tungsten carbide /Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Cast iron | ASTM25B |
| 11 | Bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Impeller sleeve | Stainless steel | AISI304 |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

Please check with us for other materials.

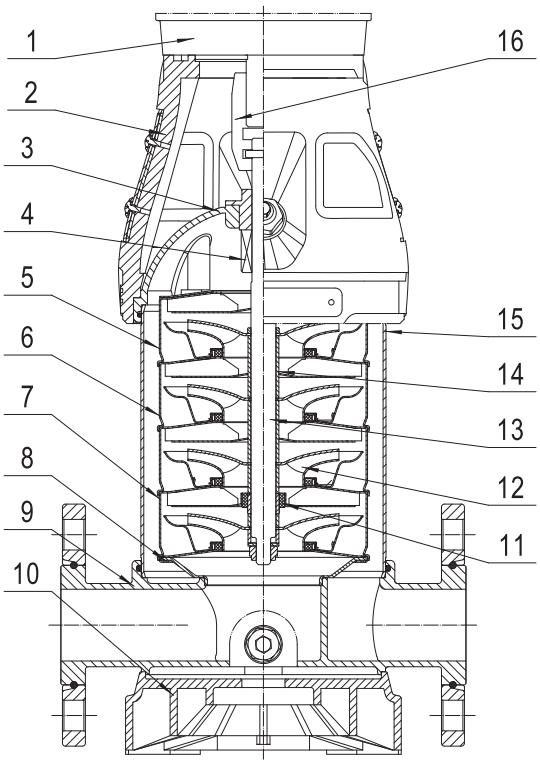
## CDMF 1,3,5 Material list

| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Pump head | Cast iron | ASTM25B |
| 3 | Lining | Stainless steel | AISI304 |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | AISI304 |
| 10 | Base plate | Cast aluminum | |
| 11 | Bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Impeller sleeve | Stainless steel | AISI304 |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

# CDM/CDMF 10,15,20 Sectional drawing




CDM




CDMF

## CDM 10,15,20 Material list

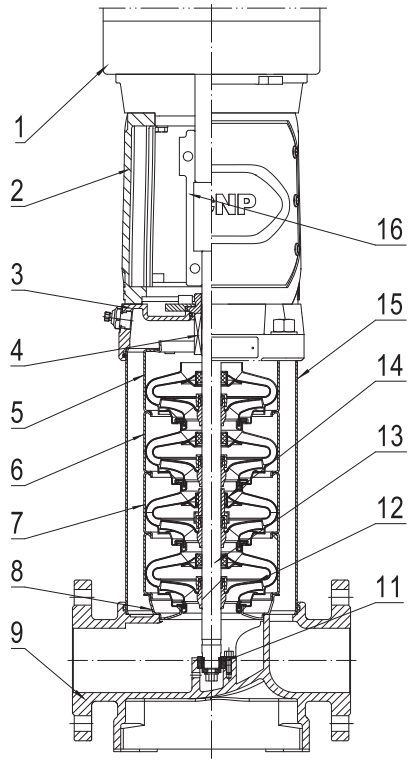
| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Pump head | Cast iron | ASTM25B |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Cast iron | ASTM25B |
| 11 | Bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Impeller sleeve | Stainless steel | AISI304 |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

Please check with us for other materials.

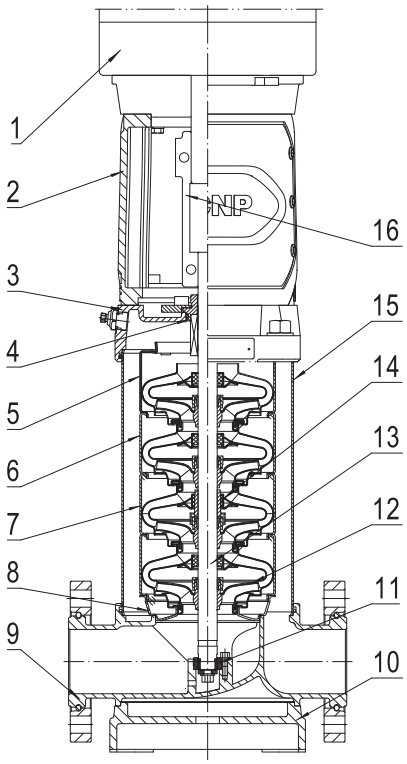
## CDMF 10,15,20 Material list

| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Pump head | Cast iron | ASTM25B |
| 3 | Lining | Stainless steel | AISI304 |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | AISI304 |
| 10 | Base plate | Cast aluminum | |
| 11 | Bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Impeller sleeve | Stainless steel | AISI304 |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

# CDM/CDMF 32,42,65,85 Sectional drawing




CDM




CDMF

# CDM 32,42,65,85 Material list

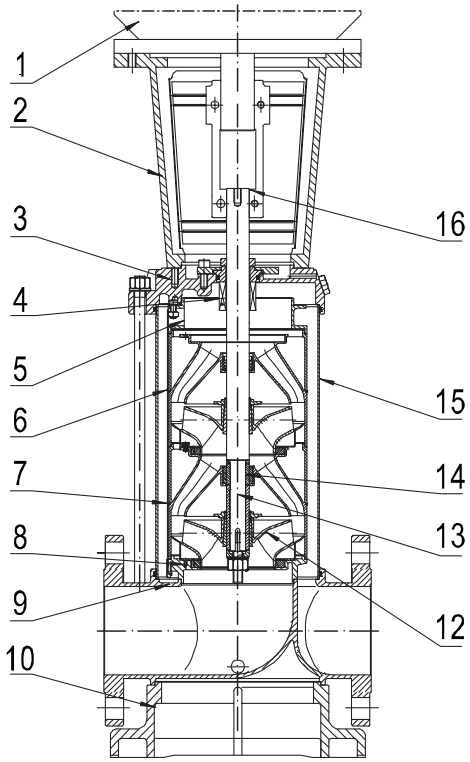
| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Bracket | Cast iron | ASTM25B |
| 3 | Pump head | Cast iron | ASTM25B |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | AISI304 |
| 11 | Bottom bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Intermediate bearing | Tungsten carbide | |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

Please check with us for other materials.

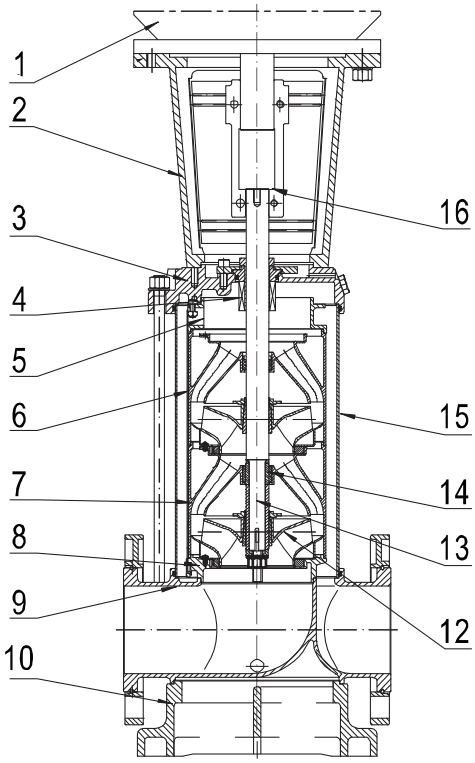
# CDMF 32,42,65,85 Material list

| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Bracket | Cast iron | ASTM25B |
| 3 | Pump head | Stainless steel | AISI304 |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Top diffuser | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | AISI304 |
| 10 | Base plate | Cast iron | ASTM25B |
| 11 | Bottom bearing | Tungsten carbide | |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | Intermediate bearing | Tungsten carbide | |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

# CDM/CDMF 120,150,200 Sectional drawing




CDM




CDMF

## CDM 120,150,200 Material list

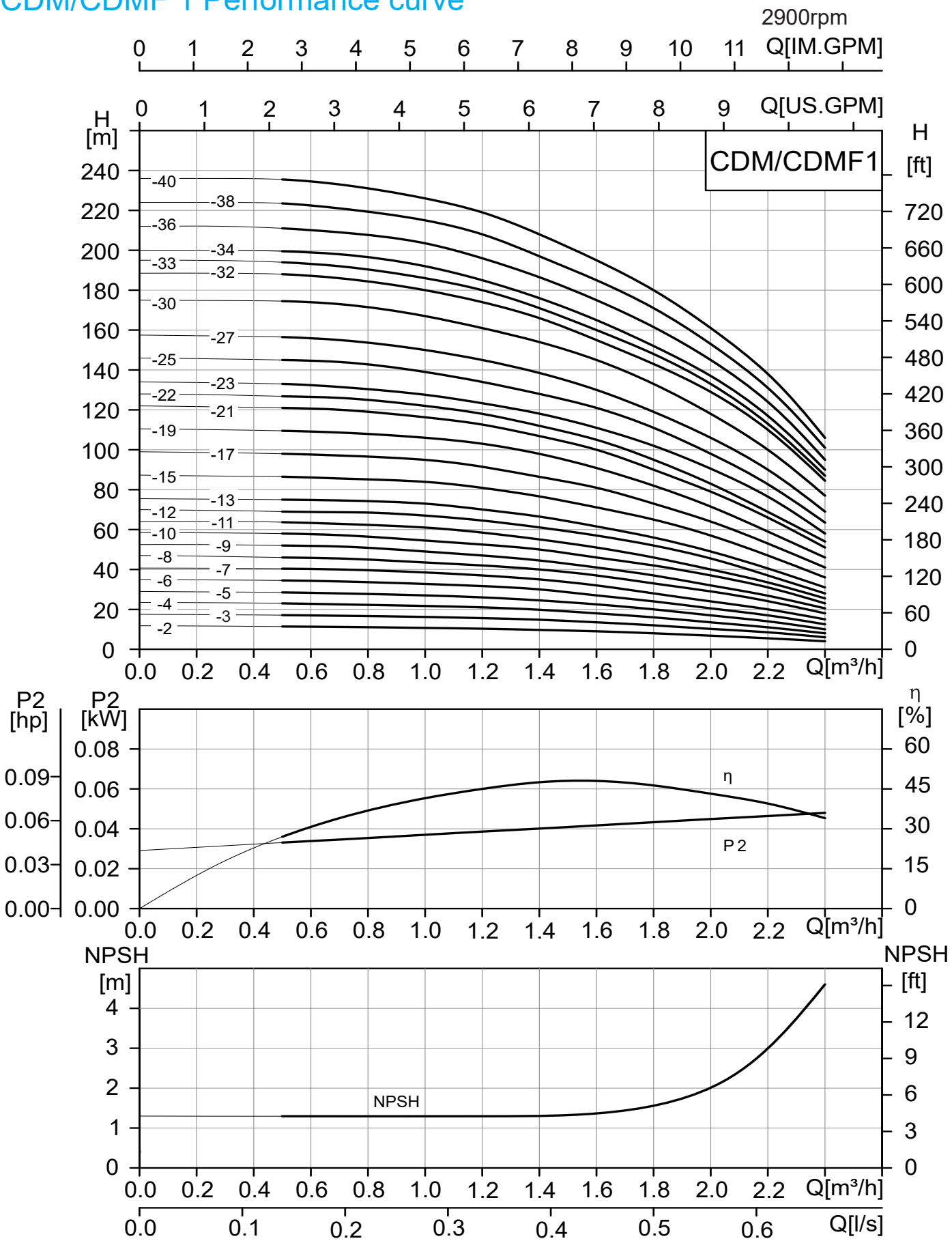
| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Bracket | Cast iron | ASTM25B |
| 3 | Pump head | Cast iron | ASTM25B |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Discharge | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | ASTM25B |
| 10 | Base plate | Cast iron | ASTM25B |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | bearing | Tungsten carbide | |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

Please check with us for other materials.
CDM200 series has no NO.10

## CDMF 120,150,200 Material list

| Pos. | Name | Material | AISI/ASTM |
|---|---|---|---|
| 1 | Motor | | |
| 2 | Bracket | Cast iron | ASTM25B |
| 3 | Pump head | Stainless steel | AISI304 |
| 4 | Mechanical seal | Tungsten carbide/ Carbon | |
| 5 | Discharge | Stainless steel | AISI304 |
| 6 | Diffuser | Stainless steel | AISI304 |
| 7 | Support diffuser | Stainless steel | AISI304 |
| 8 | Inducer | Stainless steel | AISI304 |
| 9 | Inlet & outlet chamber | Stainless steel | AISI304 |
| 10 | Base plate | Cast iron | ASTM25B |
| 12 | Impeller | Stainless steel | AISI304 |
| 13 | Shaft | Stainless steel | AISI304 |
| 14 | bearing | Tungsten carbide | |
| 15 | Cylinder | Stainless steel | AISI304 |
| 16 | Coupling | Carbon steel/ Powder metallurgy | |

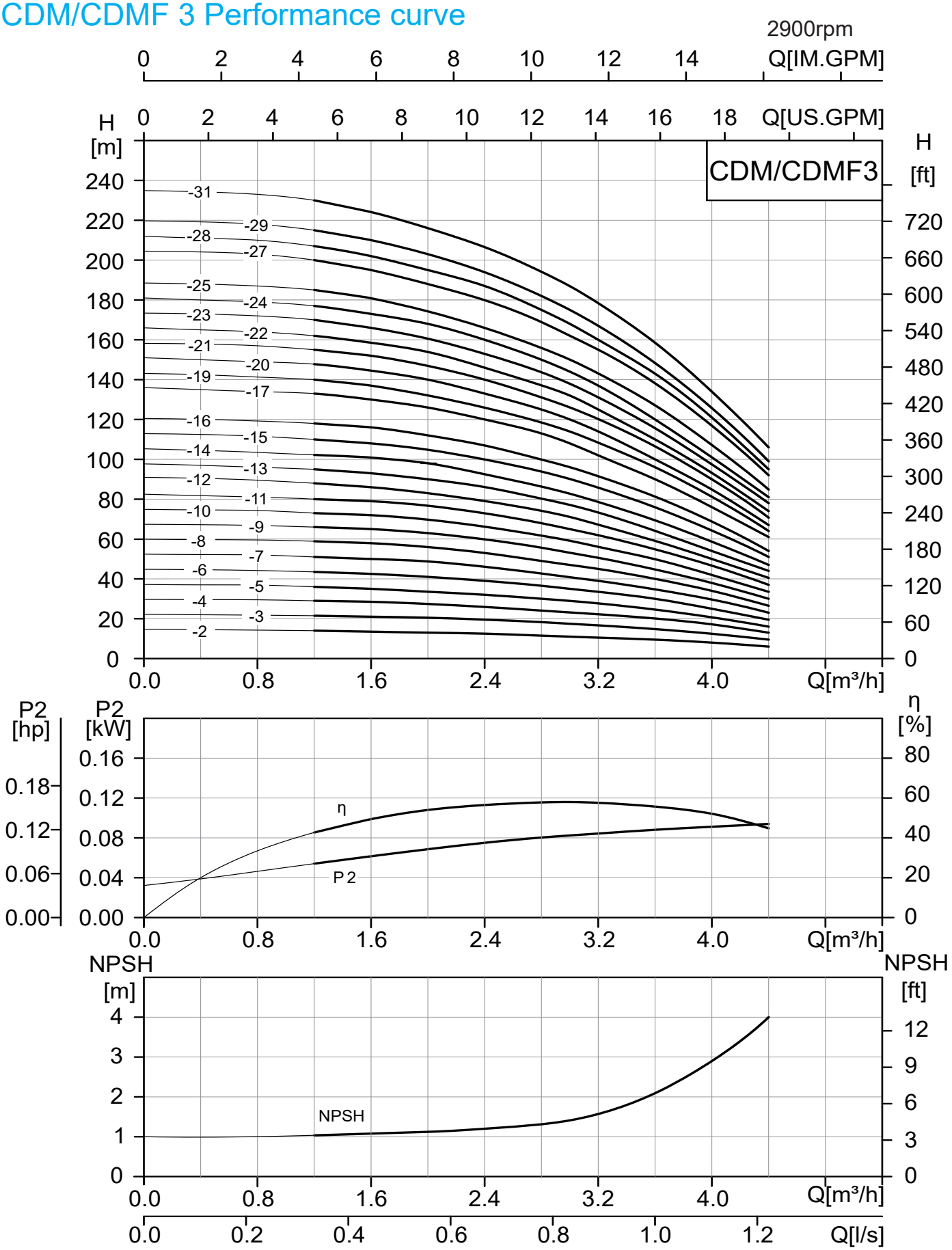
# CDM/CDMF 1 Performance curve



# CDM/CDMF 1 Performance table

| Model | Motor | | Q (m³/h) | 0 | 0.5 | 0.7 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | 2.2 | 2.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | | | | | |
| 1-2 | 0.37 | 0.5 | | 11.8 | 11.5 | 11.2 | 10.5 | 10.3 | 9.7 | 9 | 8 | 6.8 | 5.5 | 4 |
| 1-3 | 0.37 | 0.5 | | 17.5 | 17 | 16.8 | 16 | 15.6 | 14.8 | 13.5 | 12 | 10 | 8.5 | 6 |
| 1-4 | 0.37 | 0.5 | | 23.5 | 23 | 22.5 | 21.5 | 21 | 19.8 | 18 | 16 | 13.5 | 11 | 8 |
| 1-5 | 0.37 | 0.5 | | 29 | 28.5 | 28 | 27 | 26 | 24.5 | 22.5 | 20 | 17 | 14 | 10 |
| 1-6 | 0.37 | 0.5 | | 35 | 34.5 | 34 | 32.5 | 31.5 | 30 | 27 | 24 | 20.5 | 17 | 12.5 |
| 1-7 | 0.37 | 0.5 | | 41 | 40.5 | 40 | 39 | 37 | 35 | 32 | 28 | 24 | 20 | 15 |
| 1-8 | 0.55 | 0.75 | | 47 | 46 | 45.5 | 43.5 | 42 | 40 | 37 | 33 | 29 | 24.5 | 18 |
| 1-9 | 0.55 | 0.75 | | 52.5 | 52 | 51.5 | 49 | 47 | 44.5 | 41 | 37 | 32 | 27 | 20.5 |
| 1-10 | 0.55 | 0.75 | | 58.5 | 58 | 57 | 55 | 52.5 | 50 | 46 | 42 | 37 | 31 | 23 |
| 1-11 | 0.55 | 0.75 | | 64 | 63.5 | 63 | 61 | 58.5 | 55 | 51 | 46 | 40 | 33.5 | 25.5 |
| 1-12 | 0.75 | 1 | | 70 | 69 | 68.5 | 67 | 64.5 | 61 | 57 | 52 | 45.5 | 37 | 28 |
| 1-13 | 0.75 | 1 | | 75.5 | 75 | 74.5 | 73 | 70 | 66.5 | 61.5 | 56 | 49 | 40.5 | 31 |
| 1-15 | 0.75 | 1 | | 87.5 | 86.5 | 85.5 | 84 | 81 | 76.5 | 71 | 65 | 57 | 47 | 36 |
| 1-17 | 1.1 | 1.5 | H (m) | 99 | 98 | 97 | 95 | 91.5 | 86.5 | 81 | 73 | 64 | 53 | 41 |
| 1-19 | 1.1 | 1.5 | | 110 | 109 | 108 | 106 | 103 | 98 | 91 | 82 | 72 | 59 | 46 |
| 1-21 | 1.1 | 1.5 | | 122 | 121 | 120 | 117 | 113 | 107 | 100 | 90 | 78 | 65 | 50 |
| 1-22 | 1.1 | 1.5 | | 128 | 127 | 126 | 122 | 118 | 112 | 105 | 95 | 83 | 69 | 54 |
| 1-23 | 1.5 | 2 | | 134 | 133 | 132 | 128 | 123 | 118 | 111 | 102 | 90.5 | 76.5 | 58 |
| 1-25 | 1.5 | 2 | | 146 | 145 | 144 | 139 | 134 | 128 | 121 | 111 | 98 | 83 | 63 |
| 1-27 | 1.5 | 2 | | 158 | 157 | 155 | 150 | 145 | 138 | 130 | 119 | 106 | 90 | 69 |
| 1-30 | 1.5 | 2 | | 175 | 174 | 172 | 167 | 161 | 154 | 145 | 133 | 118 | 100 | 77 |
| 1-32 | 2.2 | 3 | | 189 | 188 | 186 | 180 | 174 | 166 | 155 | 143 | 129 | 110 | 85 |
| 1-33 | 2.2 | 3 | | 195 | 194 | 192 | 186 | 180 | 171 | 160 | 148 | 133 | 113 | 87 |
| 1-34 | 2.2 | 3 | | 200 | 199 | 198 | 192 | 185 | 176 | 165 | 152 | 137 | 117 | 90 |
| 1-36 | 2.2 | 3 | | 212 | 211 | 209 | 203 | 196 | 186 | 175 | 161 | 145 | 124 | 95 |
| 1-38 | 2.2 | 3 | | 225 | 224 | 221 | 215 | 208 | 197 | 185 | 171 | 153 | 131 | 101 |
| 1-40 | 2.2 | 3 | | 237 | 236 | 233 | 226 | 219 | 208 | 195 | 180 | 161 | 138 | 106 |

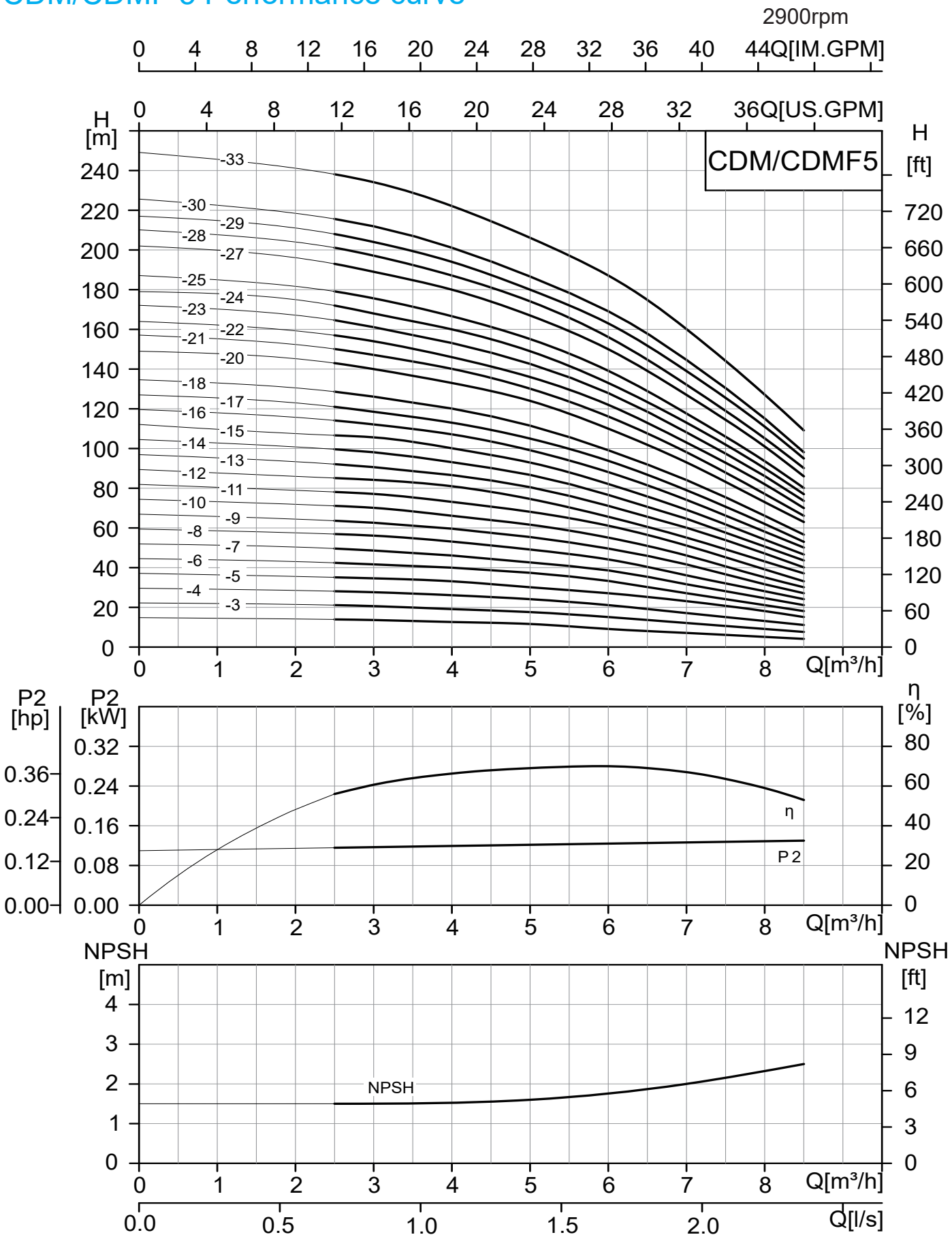
# CDM/CDMF 3 Performance curve



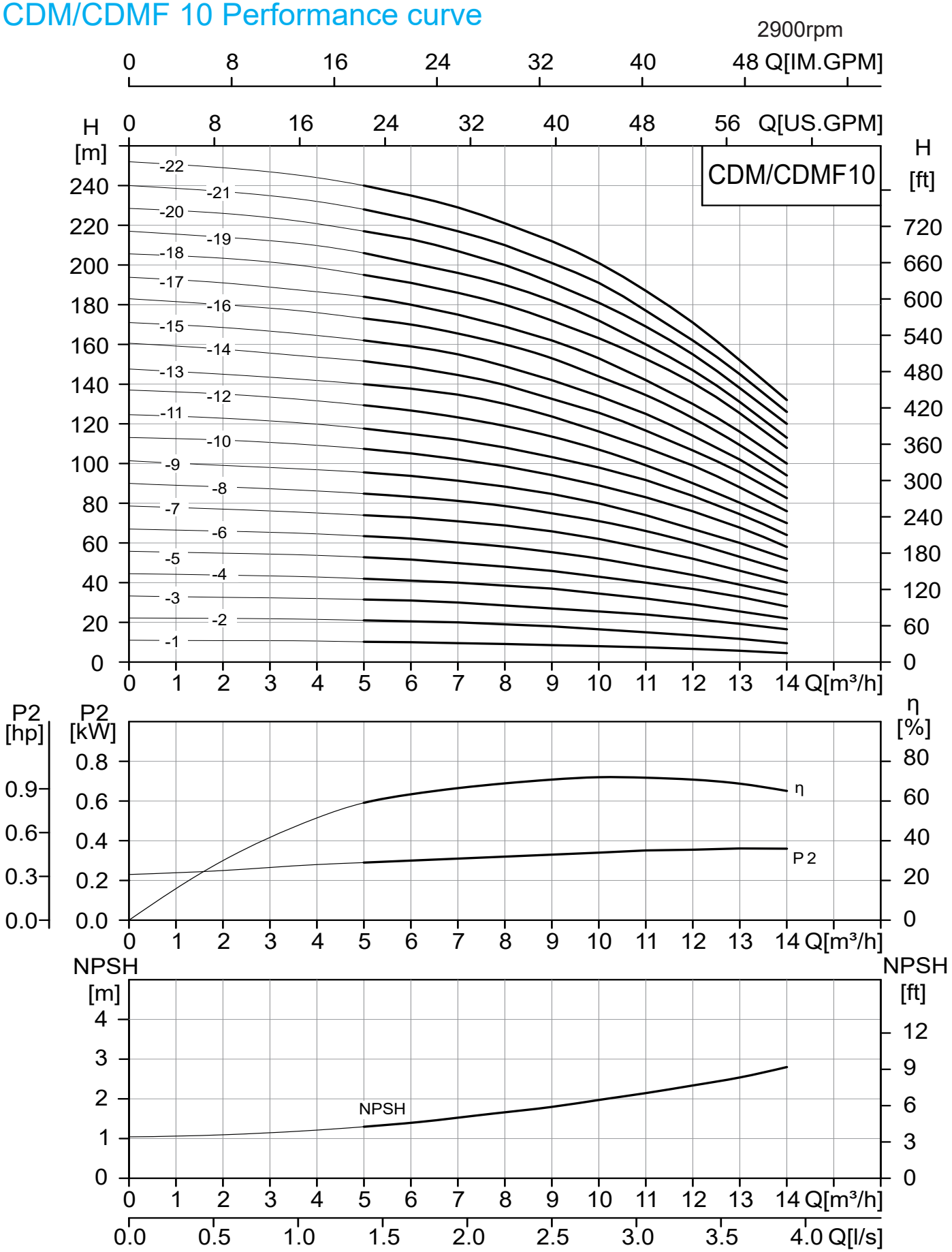
# CDM/CDMF 3 Performance table

| Model | Motor | | Q (m³/h) | 0 | 1.2 | 1.6 | 2 | 2.4 | 2.8 | 3 | 3.2 | 3.6 | 4 | 4.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | | | | | |
| 3-2 | 0.37 | 0.5 | | 14.7 | 14 | 13.5 | 13 | 12.5 | 11.5 | 11 | 10.5 | 9.5 | 8 | 6 |
| 3-3 | 0.37 | 0.5 | | 22.2 | 21.5 | 21 | 20.5 | 19.5 | 18 | 17 | 16.5 | 15 | 12.5 | 9.5 |
| 3-4 | 0.37 | 0.5 | | 29.7 | 29 | 28.5 | 27.5 | 26 | 24 | 23 | 22 | 20 | 17 | 13 |
| 3-5 | 0.55 | 0.75 | | 37.2 | 36 | 35 | 33.5 | 32 | 30 | 29 | 28 | 25 | 21 | 16 |
| 3-6 | 0.55 | 0.75 | | 45 | 43.5 | 42.5 | 41 | 39 | 36.5 | 35 | 33.5 | 30 | 25 | 19.5 |
| 3-7 | 0.75 | 1 | | 52.5 | 51 | 50 | 49 | 46 | 43 | 41 | 39.5 | 35 | 30 | 23 |
| 3-8 | 0.75 | 1 | | 60 | 58.5 | 58 | 56 | 53 | 49 | 47 | 45 | 40 | 34 | 26.5 |
| 3-9 | 1.1 | 1.5 | | 67.5 | 66 | 65 | 63 | 60 | 56 | 53 | 51 | 45 | 38 | 30 |
| 3-10 | 1.1 | 1.5 | | 75 | 73 | 72 | 70 | 66 | 61 | 59 | 56 | 50 | 42 | 33.5 |
| 3-11 | 1.1 | 1.5 | | 82.5 | 80 | 79 | 77 | 73 | 68 | 65 | 62 | 55 | 47 | 37 |
| 3-12 | 1.1 | 1.5 | | 90 | 88 | 86 | 83 | 79 | 74 | 71 | 67 | 59 | 50 | 40.5 |
| 3-13 | 1.5 | 2 | | 98 | 95 | 93 | 90 | 86 | 80 | 77 | 73 | 64 | 54 | 44 |
| 3-14 | 1.5 | 2 | | 105 | 102 | 101 | 98 | 92.5 | 86 | 83 | 78 | 69 | 58 | 47 |
| 3-15 | 1.5 | 2 | H (m) | 113 | 110 | 108 | 105 | 100 | 94 | 90 | 86 | 76 | 64 | 51 |
| 3-16 | 1.5 | 2 | | 120 | 118 | 116 | 112 | 107 | 100 | 96 | 92 | 81 | 69 | 54 |
| 3-18 | 2.2 | 3 | | 136 | 133 | 130 | 126 | 120 | 113 | 108 | 102 | 90 | 76 | 61 |
| 3-19 | 2.2 | 3 | | 143 | 140 | 137 | 132 | 126 | 119 | 114 | 108 | 96 | 82 | 64 |
| 3-20 | 2.2 | 3 | | 151 | 148 | 144 | 140 | 133 | 125 | 120 | 114 | 100 | 85 | 67 |
| 3-21 | 2.2 | 3 | | 158 | 155 | 152 | 147 | 140 | 131 | 126 | 120 | 106 | 90 | 71 |
| 3-22 | 2.2 | 3 | | 166 | 162 | 158 | 154 | 146 | 137 | 132 | 125 | 110 | 93 | 74 |
| 3-23 | 2.2 | 3 | | 173 | 170 | 166 | 161 | 153 | 144 | 138 | 131 | 115 | 97 | 78 |
| 3-24 | 2.2 | 3 | | 181 | 177 | 173 | 168 | 160 | 150 | 144 | 137 | 120 | 101 | 81 |
| 3-25 | 3 | 4 | | 188 | 185 | 181 | 175 | 166 | 156 | 150 | 142 | 125 | 105 | 85 |
| 3-27 | 3 | 4 | | 204 | 200 | 195 | 188 | 180 | 169 | 162 | 155 | 138 | 117 | 92 |
| 3-28 | 3 | 4 | | 212 | 207 | 202 | 195 | 187 | 175 | 168 | 160 | 143 | 121 | 95 |
| 3-29 | 3 | 4 | | 220 | 215 | 210 | 203 | 194 | 182 | 175 | 167 | 148 | 126 | 99 |
| 3-31 | 3 | 4 | | 235 | 230 | 224 | 216 | 207 | 194 | 187 | 178 | 159 | 134 | 106 |

# CDM/CDMF 5 Performance curve



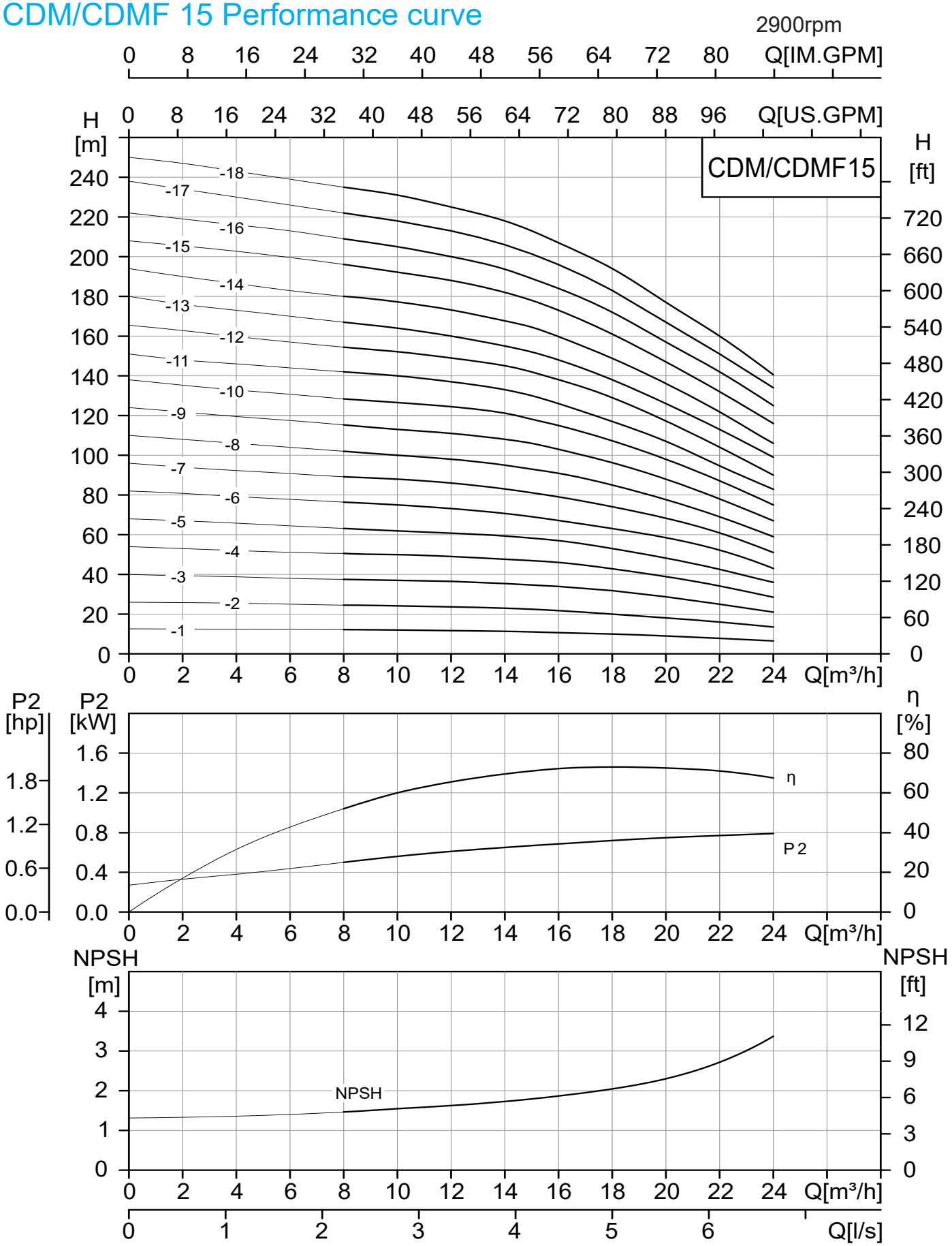
# CDM/CDMF 10 Performance curve



# CDM/CDMF 10 Performance table

| Model | Motor | | Q (m³/h) | 0 | 5 | 6 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | |
| 10-1 | 0.75 | 1 | | 11 | 10.2 | 10 | 9 | 8 | 7 | 4.5 |
| 10-2 | 0.75 | 1 | | 22.2 | 21 | 20.5 | 19 | 16.5 | 13.5 | 9.5 |
| 10-3 | 1.1 | 1.5 | | 33.3 | 31.5 | 31 | 28.5 | 25.5 | 22 | 16.5 |
| 10-4 | 1.5 | 2 | | 44.5 | 42 | 41 | 38 | 34 | 29 | 22 |
| 10-5 | 2.2 | 3 | | 56 | 52.5 | 51 | 48 | 43 | 37 | 28 |
| 10-6 | 2.2 | 3 | | 67 | 63 | 62 | 58 | 52 | 44 | 34 |
| 10-7 | 3 | 4 | | 78.5 | 74 | 73 | 69 | 62 | 52 | 40 |
| 10-8 | 3 | 4 | | 90 | 85 | 84 | 79 | 71 | 60 | 46 |
| 10-9 | 4 | 5.5 | | 101.5 | 96 | 94 | 89 | 80 | 67 | 52 |
| 10-10 | 4 | 5.5 | | 113 | 107 | 105 | 98 | 89 | 76 | 58 |
| 10-11 | 4 | 5.5 | H (m) | 124 | 118 | 115 | 108 | 98 | 84 | 64 |
| 10-12 | 4.5 | | | 137 | 129 | 127 | 119 | 107 | 91 | 70 |
| 10-13 | 5.5 | 7.5 | | 147 | 140 | 138 | 130 | 116 | 99 | 76 |
| 10-14 | 5.5 | 7.5 | | 160 | 151 | 148 | 139 | 125 | 106 | 82 |
| 10-15 | 5.5 | 7.5 | | 171 | 162 | 159 | 149 | 134 | 114 | 88 |
| 10-16 | 7.5 | 10 | | 183 | 173 | 170 | 159 | 144 | 123 | 94 |
| 10-17 | 7.5 | 10 | | 194 | 184 | 180 | 169 | 153 | 130 | 100 |
| 10-18 | 7.5 | 10 | | 205 | 195 | 191 | 180 | 163 | 141 | 108 |
| 10-19 | 7.5 | 10 | | 217 | 206 | 201 | 190 | 172 | 147 | 113 |
| 10-20 | 7.5 | 10 | | 228 | 217 | 213 | 200 | 181 | 155 | 120 |
| 10-21 | 7.5 | 10 | | 240 | 228 | 223 | 210 | 191 | 162 | 126 |
| 10-22 | 11 | 15 | | 250 | 240 | 235 | 221 | 201 | 171 | 132 |

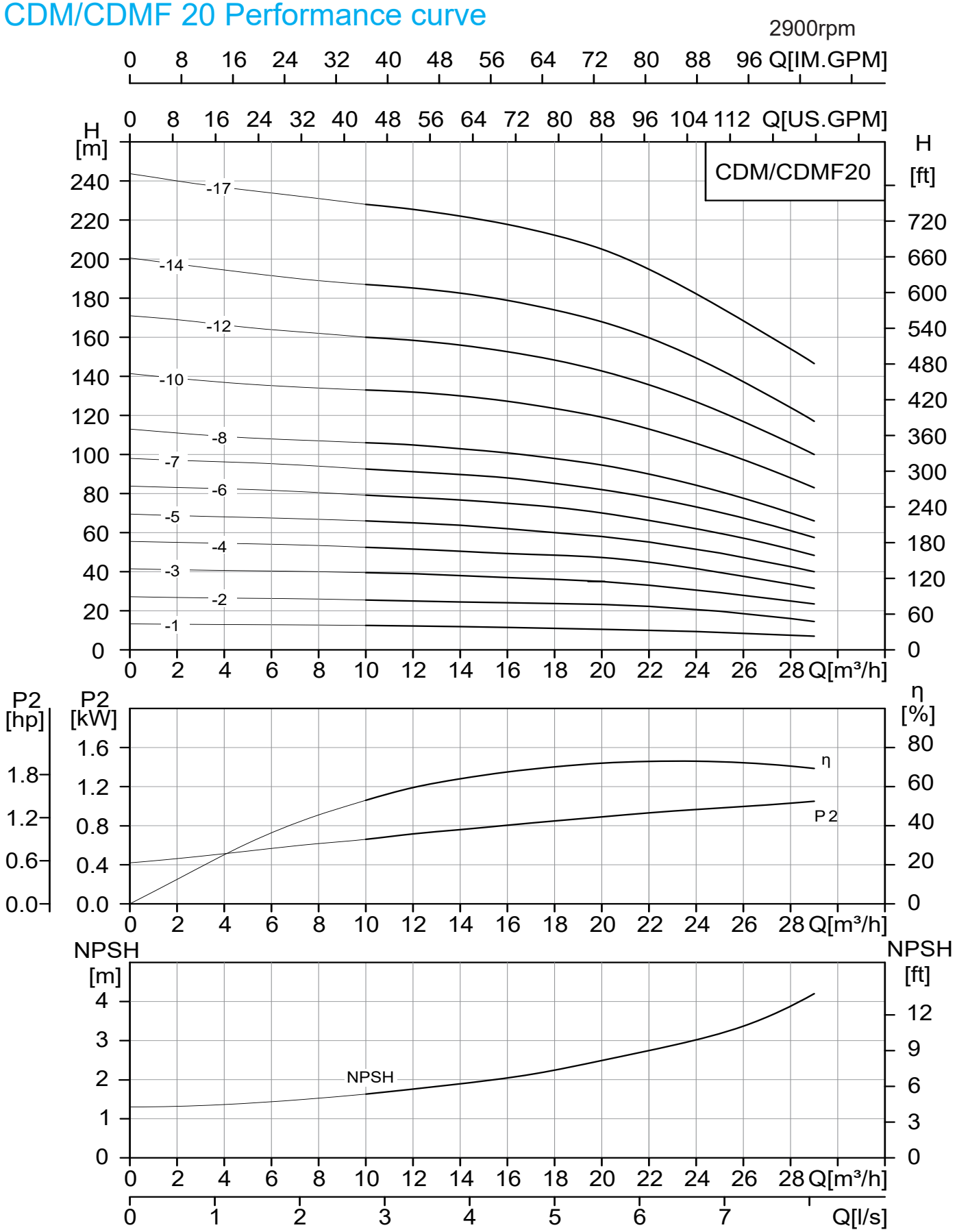
# CDM/CDMF 15 Performance curve



# CDM/CDMF 15 Performance table

| Model | Motor | | Q (m³/h) | 0 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | | | | | |
| 15-1 | 1.1 | 1.5 | | 12.6 | 12.2 | 12 | 11.8 | 11.5 | 11 | 10.5 | 10 | 9 | 8 | 6.5 |
| 15-2 | 2.2 | 3 | | 26 | 24.5 | 24 | 23.5 | 23 | 22.5 | 21.5 | 20 | 18 | 16 | 13.5 |
| 15-3 | 3 | 4 | | 40 | 37.5 | 37 | 36.5 | 35.5 | 34.5 | 34 | 32 | 29 | 25 | 21 |
| 15-4 | 4 | 5.5 | | 54 | 50.5 | 50 | 49 | 47.5 | 47 | 46 | 43 | 39 | 34 | 28.5 |
| 15-5 | 4 | 5.5 | | 68 | 63 | 62 | 61 | 59 | 58 | 57 | 53 | 48 | 42.5 | 36 |
| 15-6 | 5.5 | 7.5 | | 82 | 76 | 75 | 73 | 71 | 69 | 67 | 63 | 58 | 52 | 43 |
| 15-7 | 5.5 | 7.5 | | 96 | 89 | 88 | 86 | 83 | 81 | 79 | 74 | 68 | 61 | 51 |
| 15-8 | 7.5 | 10 | | 110 | 102 | 100 | 98 | 95 | 93 | 91 | 85 | 78 | 69 | 59 |
| 15-9 | 7.5 | 10 | H (m) | 124 | 115 | 113 | 111 | 108 | 106 | 103 | 96 | 88 | 78 | 67 |
| 15-10 | 11 | 15 | | 138 | 128 | 126 | 124 | 121 | 118 | 115 | 107 | 98 | 87 | 75 |
| 15-11 | 11 | 15 | | 151 | 142 | 140 | 137 | 133 | 130 | 126 | 117 | 107 | 95 | 83 |
| 15-12 | 11 | 15 | | 166 | 154 | 152 | 149 | 145 | 142 | 138 | 129 | 117 | 104 | 90 |
| 15-13 | 11 | 15 | | 180 | 167 | 164 | 160 | 155 | 152 | 148 | 138 | 126 | 113 | 99 |
| 15-14 | 11 | 15 | | 194 | 180 | 177 | 173 | 168 | 165 | 160 | 149 | 136 | 122 | 106 |
| 15-15 | 15 | 20 | | 208 | 196 | 192 | 188 | 182 | 178 | 173 | 161 | 147 | 132 | 116 |
| 15-16 | 15 | 20 | | 222 | 209 | 205 | 200 | 194 | 189 | 184 | 172 | 157 | 142 | 125 |
| 15-17 | 15 | 20 | | 236 | 222 | 218 | 213 | 206 | 201 | 196 | 183 | 167 | 151 | 132 |
| 15-18 | 15 | 20 | | 250 | 235 | 231 | 225 | 218 | 213 | 207 | 194 | 177 | 160 | 141 |

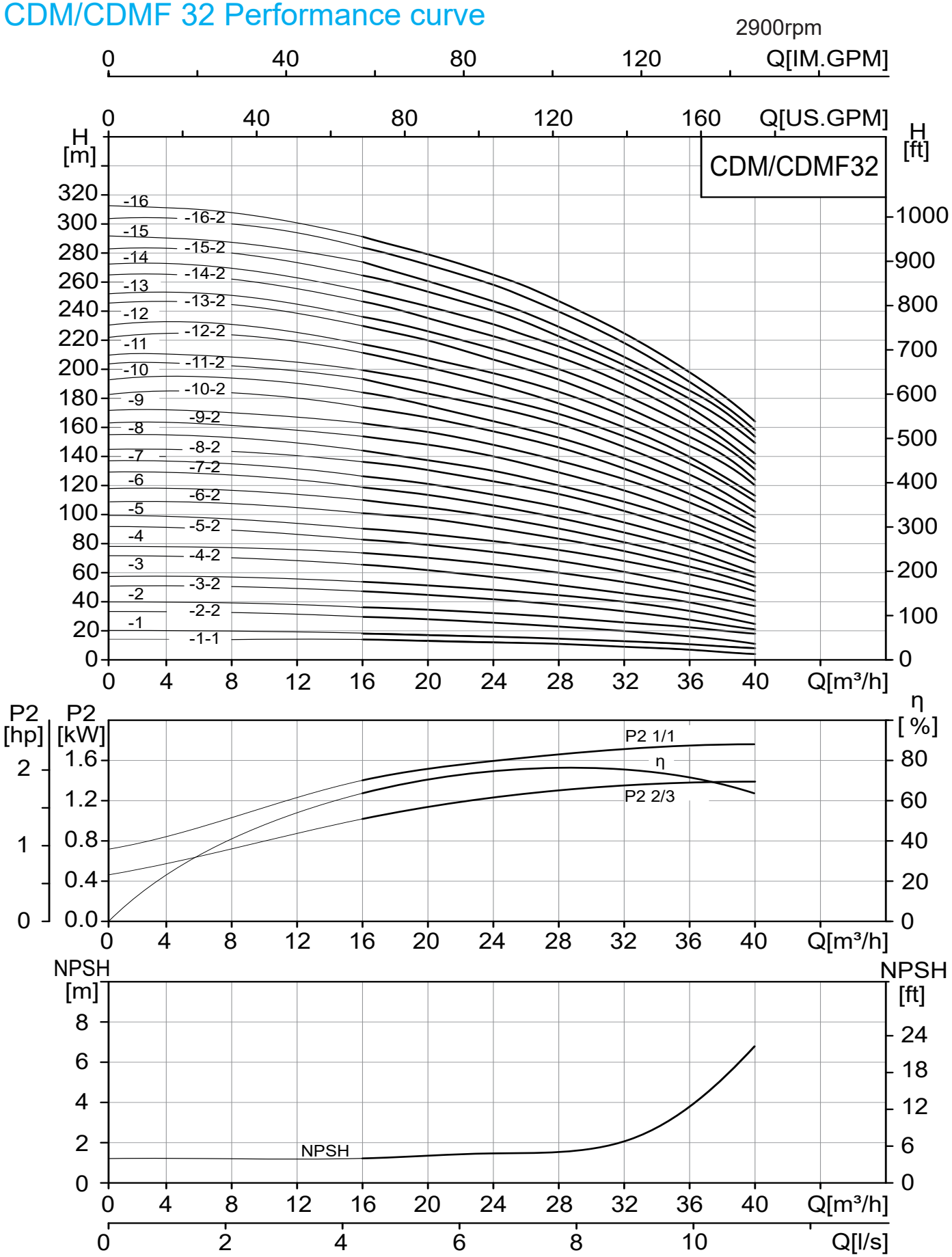
# CDM/CDMF 20 Performance curve



# CDM/CDMF 20 Performance table

| Model | Motor | | Q (m³/h) | 0 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | | | | | | |
| 20-1 | 1.1 | 1.5 | H (m) | 13.3 | 12.5 | 12.3 | 12 | 11.5 | 11 | 10.5 | 10 | 9.5 | 9 | 8 | 7 |
| 20-2 | 2.2 | 3 | | 27.2 | 25.5 | 25 | 24.5 | 24 | 23 | 22 | 21 | 20 | 18 | 16 | 14.5 |
| 20-3 | 4 | 5.5 | | 41.5 | 39.5 | 39 | 38 | 37 | 36 | 34.5 | 33 | 31 | 28 | 25 | 23.5 |
| 20-4 | 5.5 | 7.5 | | 55.5 | 52.5 | 51 | 50 | 49 | 48 | 46 | 44 | 41 | 37 | 33 | 31.5 |
| 20-5 | 5.5 | 7.5 | | 69.5 | 66 | 65 | 64 | 62 | 60 | 58 | 55 | 51 | 47 | 42 | 40 |
| 20-6 | 7.5 | 10 | | 83.8 | 79 | 78 | 77 | 75 | 73 | 70 | 66 | 62 | 58 | 52 | 48 |
| 20-7 | 7.5 | 10 | | 98 | 92.5 | 91 | 90 | 88 | 85 | 82 | 78 | 73 | 68 | 61 | 57.5 |
| 20-8 | 11 | 15 | | 113 | 106 | 105 | 103 | 101 | 98 | 95 | 90 | 84 | 77 | 70 | 66 |
| 20-10 | 11 | 15 | | 141 | 133 | 132 | 130 | 127 | 123 | 119 | 113 | 106 | 97 | 88 | 83 |
| 20-12 | 15 | 20 | | 171 | 160 | 158 | 156 | 153 | 149 | 143 | 137 | 127 | 117 | 106 | 100 |
| 20-14 | 15 | 20 | | 201 | 187 | 185 | 183 | 179 | 174 | 168 | 160 | 149 | 137 | 124 | 117 |
| 20-17 | 18.5 | 25 | | 244 | 228 | 225 | 222 | 218 | 212 | 205 | 195 | 182 | 168 | 154 | 147 |

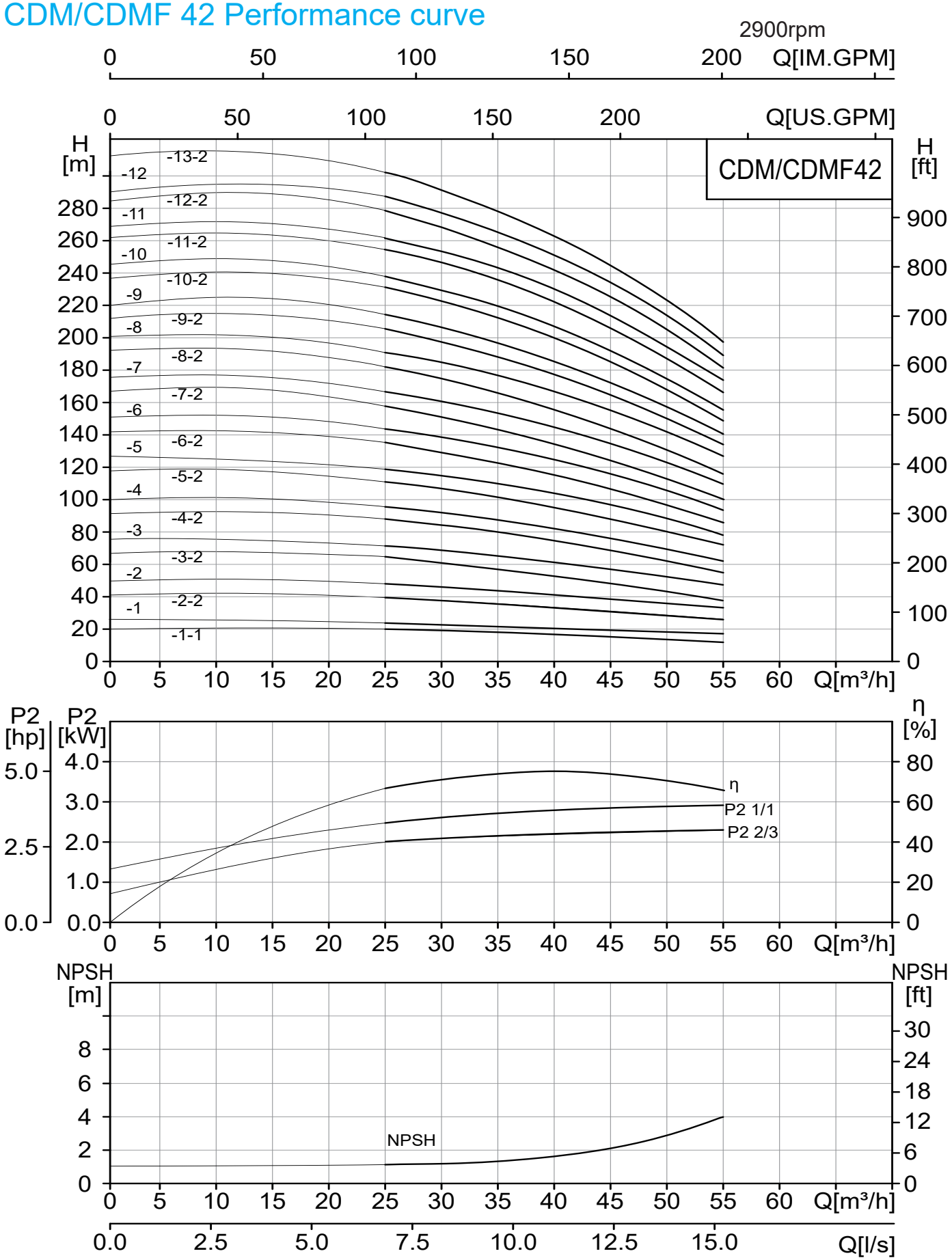
# CDM/CDMF 32 Performance curve



# CDM/CDMF 32 Performance table

| Model | Motor | | Q | 0 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | ($m^3/h$) | | | | | | | | |
| 32-1-1 | 1.5 | 2 | | 15 | 14 | 13 | 12 | 11 | 9 | 7 | 4 |
| 32-1 | 2.2 | 3 | | 20 | 18 | 17 | 15 | 14 | 13 | 11 | 8 |
| 32-2-2 | 3 | 4 | | 33 | 29 | 28 | 26 | 23 | 20 | 16 | 11 |
| 32-2 | 4 | 5.5 | | 40 | 36 | 34 | 32 | 29 | 27 | 23 | 18 |
| 32-3-2 | 5.5 | 7.5 | | 50 | 47 | 44 | 41 | 38 | 33 | 28 | 21 |
| 32-3 | 5.5 | 7.5 | | 57 | 54 | 51 | 48 | 44 | 40 | 35 | 27 |
| 32-4-2 | 7.5 | 10 | | 72 | 65 | 62 | 58 | 53 | 46 | 40 | 30 |
| 32-4 | 7.5 | 10 | | 78 | 72 | 69 | 65 | 59 | 53 | 47 | 37 |
| 32-5-2 | 11 | 15 | | 92 | 83 | 79 | 74 | 68 | 60 | 52 | 41 |
| 32-5 | 11 | 15 | | 99 | 90 | 86 | 81 | 74 | 67 | 59 | 47 |
| 32-6-2 | 11 | 15 | | 108 | 101 | 97 | 90 | 83 | 74 | 65 | 51 |
| 32-6 | 11 | 15 | | 118 | 108 | 104 | 97 | 90 | 81 | 72 | 57 |
| 32-7-2 | 15 | 20 | | 129 | 119 | 114 | 107 | 98 | 88 | 78 | 60 |
| 32-7 | 15 | 20 | | 138 | 126 | 121 | 113 | 105 | 95 | 85 | 67 |
| 32-8-2 | 15 | 20 | | 145 | 136 | 131 | 123 | 114 | 102 | 90 | 71 |
| 32-8 | 15 | 20 | H | 154 | 144 | 138 | 130 | 120 | 109 | 97 | 77 |
| 32-9-2 | 18.5 | 25 | (m) | 163 | 154 | 148 | 140 | 129 | 117 | 102 | 80 |
| 32-9 | 18.5 | 25 | | 172 | 162 | 156 | 147 | 136 | 124 | 109 | 88 |
| 32-10-2 | 18.5 | 25 | | 182 | 175 | 166 | 157 | 146 | 131 | 115 | 91 |
| 32-10 | 18.5 | 25 | | 193 | 182 | 173 | 164 | 152 | 138 | 122 | 98 |
| 32-11-2 | 22 | 30 | | 204 | 193 | 184 | 173 | 164 | 146 | 128 | 102 |
| 32-11 | 22 | 30 | | 210 | 200 | 191 | 180 | 168 | 153 | 135 | 109 |
| 32-12-2 | 22 | 30 | | 222 | 211 | 201 | 189 | 178 | 160 | 140 | 113 |
| 32-12 | 22 | 30 | | 231 | 218 | 208 | 196 | 184 | 167 | 147 | 120 |
| 32-13-2 | 30 | 40 | | 246 | 230 | 218 | 206 | 193 | 174 | 153 | 124 |
| 32-13 | 30 | 40 | | 253 | 237 | 225 | 213 | 200 | 181 | 160 | 131 |
| 32-14-2 | 30 | 40 | | 265 | 247 | 235 | 222 | 210 | 189 | 165 | 135 |
| 32-14 | 30 | 40 | | 273 | 255 | 242 | 229 | 216 | 196 | 172 | 142 |
| 32-15-2 | 30 | 40 | | 284 | 266 | 253 | 239 | 224 | 203 | 178 | 145 |
| 32-15 | 30 | 40 | | 292 | 274 | 260 | 246 | 231 | 210 | 185 | 152 |
| 32-16-2 | 30 | 40 | | 304 | 284 | 270 | 255 | 240 | 218 | 190 | 156 |
| 32-16 | 30 | 40 | | 312 | 292 | 277 | 262 | 246 | 225 | 197 | 163 |

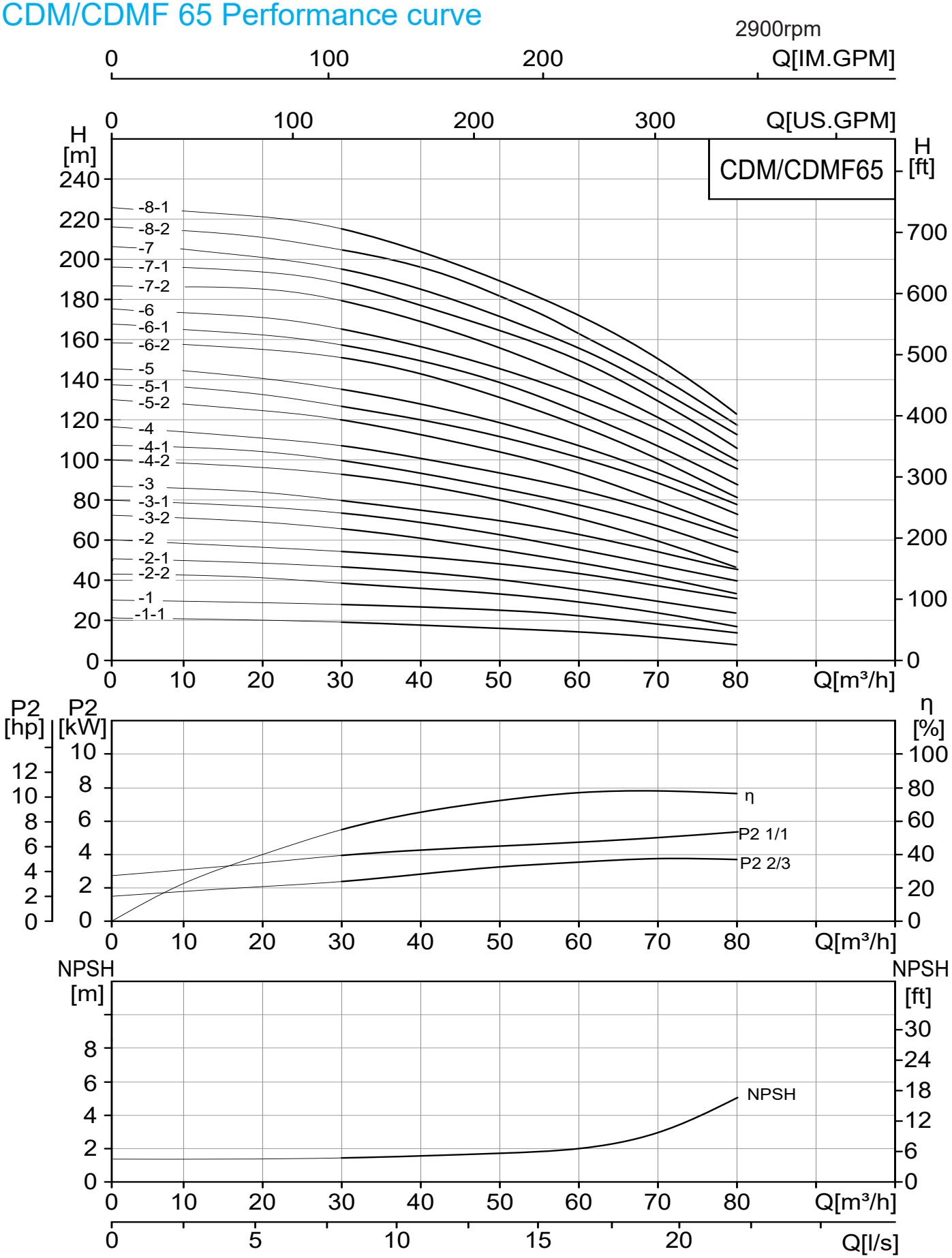
# CDM/CDMF 42 Performance curve



# CDM/CDMF 42 Performance table

| Model | Motor | | Q (m³/h) | 0 | 25 | 30 | 35 | 40 | 42 | 45 | 50 | 55 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | | | | | | | | | | |
| 42-1-1 | 3.0 | 4 | | 20 | 20 | 19 | 18 | 17 | 16 | 15 | 13 | 11 |
| 42-1 | 4.0 | 5.5 | | 27 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 16 |
| 42-2-2 | 5.5 | 7.5 | | 42 | 40 | 38 | 36 | 33 | 32 | 30 | 27 | 23 |
| 42-2 | 7.5 | 10 | | 50 | 48 | 46 | 44 | 42 | 41 | 39 | 35 | 31 |
| 42-3-2 | 11 | 15 | | 66 | 63 | 61 | 58 | 54 | 52 | 50 | 44 | 38 |
| 42-3 | 11 | 15 | | 75 | 71 | 69 | 66 | 63 | 61 | 58 | 53 | 47 |
| 42-4-2 | 15 | 20 | | 92 | 87 | 84 | 80 | 75 | 73 | 69 | 62 | 54 |
| 42-4 | 15 | 20 | | 100 | 95 | 92 | 88 | 84 | 81 | 78 | 71 | 62 |
| 42-5-2 | 18.5 | 25 | | 118 | 111 | 107 | 102 | 96 | 93 | 88 | 80 | 69 |
| 42-5 | 18.5 | 25 | | 125 | 119 | 115 | 110 | 105 | 101 | 97 | 88 | 78 |
| 42-6-2 | 22 | 30 | | 142 | 135 | 130 | 124 | 117 | 113 | 108 | 97 | 85 |
| 42-6 | 22 | 30 | | 150 | 143 | 138 | 132 | 125 | 122 | 116 | 106 | 93 |
| 42-7-2 | 30 | 40 | H (m) | 166 | 158 | 152 | 146 | 138 | 134 | 127 | 115 | 100 |
| 42-7 | 30 | 40 | | 175 | 166 | 161 | 154 | 146 | 142 | 135 | 124 | 109 |
| 42-8-2 | 30 | 40 | | 192 | 182 | 175 | 168 | 159 | 154 | 146 | 133 | 116 |
| 42-8 | 30 | 40 | | 202 | 190 | 184 | 176 | 167 | 162 | 154 | 141 | 124 |
| 42-9-2 | 30 | 40 | | 212 | 205 | 198 | 190 | 180 | 174 | 166 | 150 | 132 |
| 42-9 | 37 | 50 | | 220 | 214 | 207 | 198 | 188 | 183 | 174 | 159 | 140 |
| 42-10-2 | 37 | 50 | | 237 | 230 | 221 | 212 | 200 | 194 | 185 | 168 | 147 |
| 42-10 | 37 | 50 | | 245 | 238 | 230 | 220 | 209 | 203 | 193 | 177 | 155 |
| 42-11-2 | 45 | 60 | | 262 | 255 | 246 | 236 | 223 | 217 | 206 | 188 | 165 |
| 42-11 | 45 | 60 | | 269 | 263 | 255 | 244 | 232 | 225 | 214 | 196 | 173 |
| 42-12-2 | 45 | 60 | | 284 | 280 | 270 | 259 | 245 | 238 | 226 | 206 | 181 |
| 42-12 | 45 | 60 | | 290 | 289 | 280 | 268 | 255 | 247 | 236 | 216 | 190 |
| 42-13-2 | 45 | 60 | | 312 | 305 | 294 | 282 | 267 | 259 | 247 | 225 | 198 |

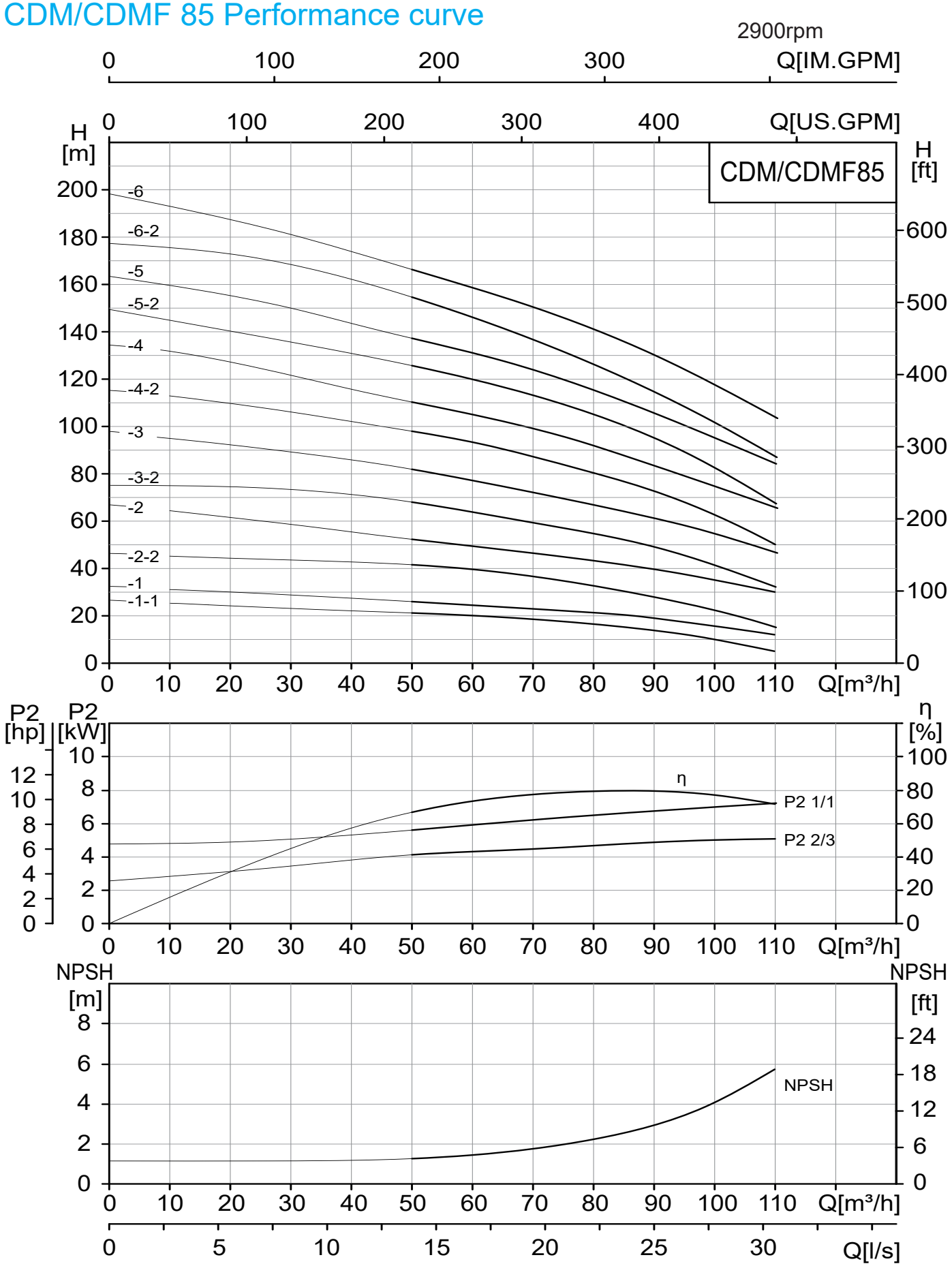
# CDM/CDMF 65 Performance curve



# CDM/CDMF 65 Performance table

| Model | Motor | | Q | 0 | 30 | 40 | 50 | 60 | 65 | 70 | 80 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | ($m^3/h$) | | | | | | | | |
| 65-1-1 | 4 | 5.5 | | 20 | 19 | 18 | 16 | 14 | 13 | 11 | 8 |
| 65-1 | 5.5 | 7.5 | | 30 | 27 | 25 | 23 | 21 | 20 | 18 | 15 |
| 65-2-2 | 7.5 | 10 | | 42 | 39 | 36 | 33 | 29 | 26 | 23 | 17 |
| 65-2-1 | 11 | 15 | | 50 | 46 | 44 | 40 | 36 | 33 | 30 | 24 |
| 65-2 | 11 | 15 | | 60 | 53 | 51 | 47 | 43 | 40 | 37 | 30 |
| 65-3-2 | 15 | 20 | | 73 | 66 | 62 | 56 | 50 | 46 | 41 | 32 |
| 65-3-1 | 15 | 20 | | 80 | 73 | 69 | 63 | 57 | 53 | 48 | 39 |
| 65-3 | 18.5 | 25 | | 87 | 80 | 76 | 70 | 64 | 60 | 55 | 46 |
| 65-4-2 | 18.5 | 25 | | 98 | 92 | 87 | 80 | 71 | 66 | 60 | 47 |
| 65-4-1 | 22 | 30 | | 107 | 100 | 94 | 87 | 78 | 73 | 67 | 54 |
| 65-4 | 22 | 30 | H (m) | 116 | 107 | 101 | 94 | 85 | 80 | 74 | 61 |
| 65-5-2 | 30 | 40 | | 130 | 121 | 114 | 105 | 95 | 88 | 80 | 64 |
| 65-5-1 | 30 | 40 | | 138 | 128 | 121 | 112 | 102 | 95 | 87 | 71 |
| 65-5 | 30 | 40 | | 146 | 136 | 129 | 119 | 109 | 102 | 94 | 78 |
| 65-6-2 | 30 | 40 | | 158 | 150 | 142 | 131 | 118 | 110 | 101 | 81 |
| 65-6-1 | 37 | 50 | | 166 | 157 | 149 | 138 | 125 | 117 | 108 | 88 |
| 65-6 | 37 | 50 | | 175 | 164 | 156 | 145 | 132 | 124 | 115 | 95 |
| 65-7-2 | 37 | 50 | | 186 | 179 | 169 | 156 | 141 | 132 | 121 | 99 |
| 65-7-1 | 37 | 50 | | 196 | 186 | 176 | 163 | 148 | 139 | 128 | 106 |
| 65-7 | 45 | 60 | | 205 | 193 | 183 | 170 | 155 | 146 | 135 | 112 |
| 65-8-2 | 45 | 60 | | 216 | 207 | 196 | 182 | 164 | 154 | 142 | 116 |
| 65-8-1 | 45 | 60 | | 225 | 215 | 203 | 189 | 171 | 161 | 149 | 123 |

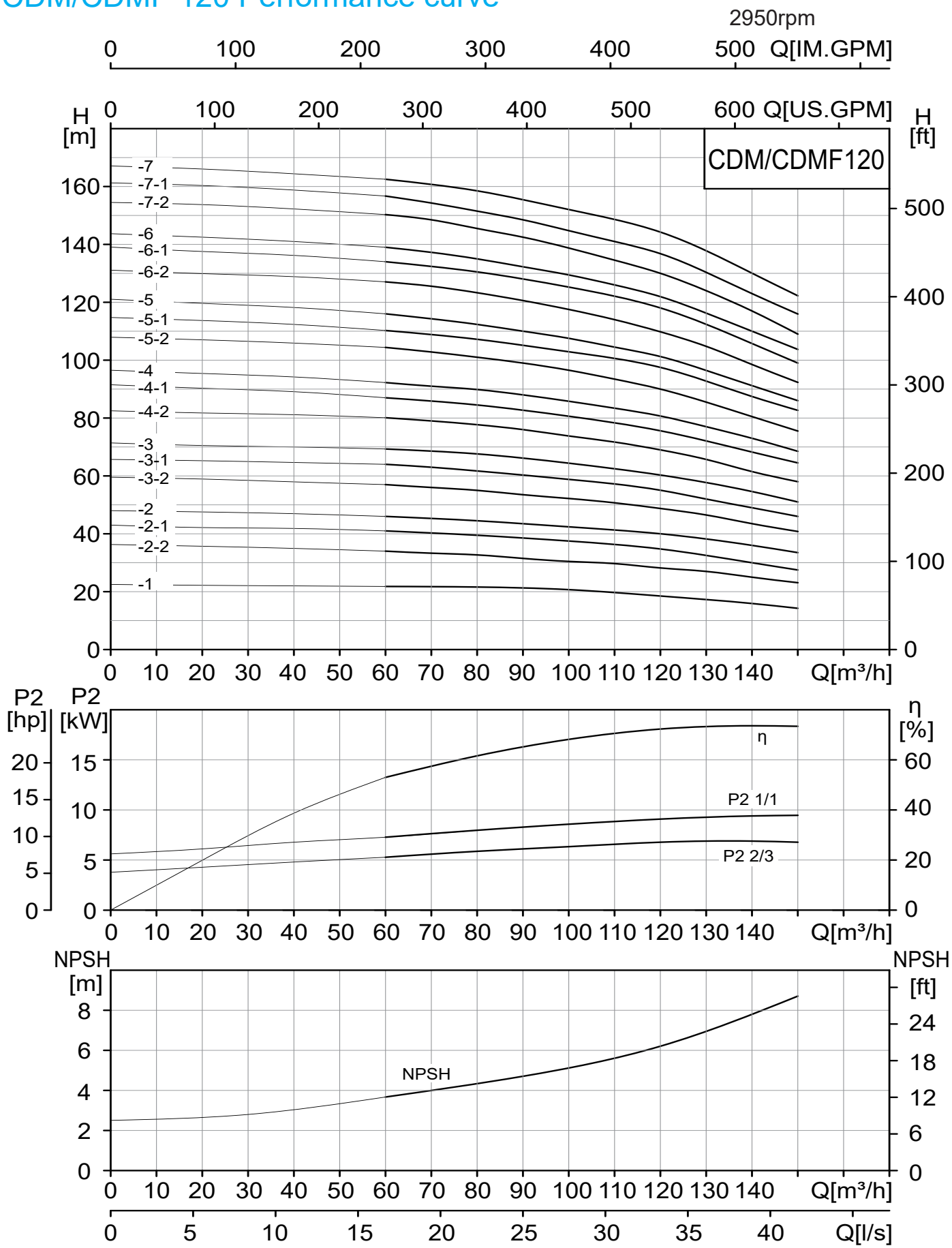
# CDM/CDMF 85 Performance curve



# CDM/CDMF 85 Performance table

| Model | Motor | | Q | 0 | 50 | 60 | 70 | 80 | 85 | 90 | 100 | 110 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | ($m^3/h$) | | | | | | | | | |
| 85-1-1 | 5.5 | 7.5 | | 26 | 22 | 19 | 17 | 16 | 14 | 13 | 10 | 6 |
| 85-1 | 7.5 | 10 | | 33 | 25 | 24 | 22 | 21 | 20 | 19 | 16 | 12 |
| 85-2-2 | 11 | 15 | | 47 | 41 | 39 | 36 | 32 | 30 | 28 | 22 | 15 |
| 85-2 | 15 | 20 | | 67 | 53 | 50 | 47 | 44 | 41 | 40 | 36 | 30 |
| 85-3-2 | 18.5 | 25 | | 75 | 68 | 65 | 60 | 55 | 52 | 49 | 41 | 32 |
| 85-3 | 22 | 30 | H | 98 | 81 | 77 | 72 | 67 | 64 | 62 | 55 | 48 |
| 85-4-2 | 30 | 40 | (m) | 115 | 98 | 93 | 87 | 80 | 75 | 72 | 62 | 50 |
| 85-4 | 30 | 40 | | 134 | 110 | 105 | 100 | 92 | 86 | 84 | 76 | 66 |
| 85-5-2 | 37 | 50 | | 150 | 126 | 120 | 113 | 104 | 98 | 93 | 81 | 68 |
| 85-5 | 37 | 50 | | 164 | 139 | 131 | 124 | 115 | 110 | 106 | 94 | 83 |
| 85-6-2 | 45 | 60 | | 177 | 155 | 148 | 139 | 129 | 122 | 117 | 102 | 86 |
| 85-6 | 45 | 60 | | 197 | 168 | 160 | 150 | 141 | 134 | 130 | 117 | 103 |

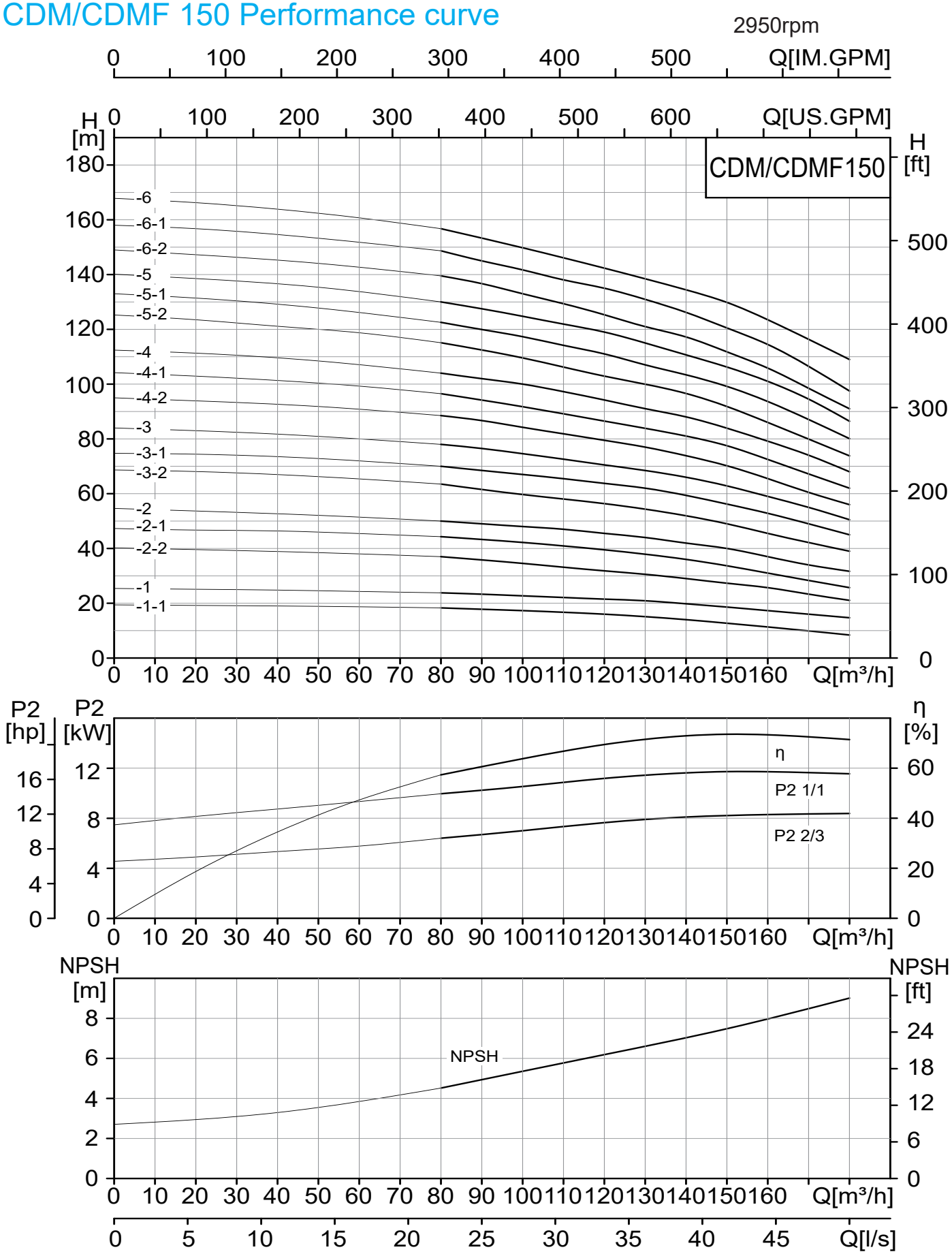
# CDM/CDMF 120 Performance curve



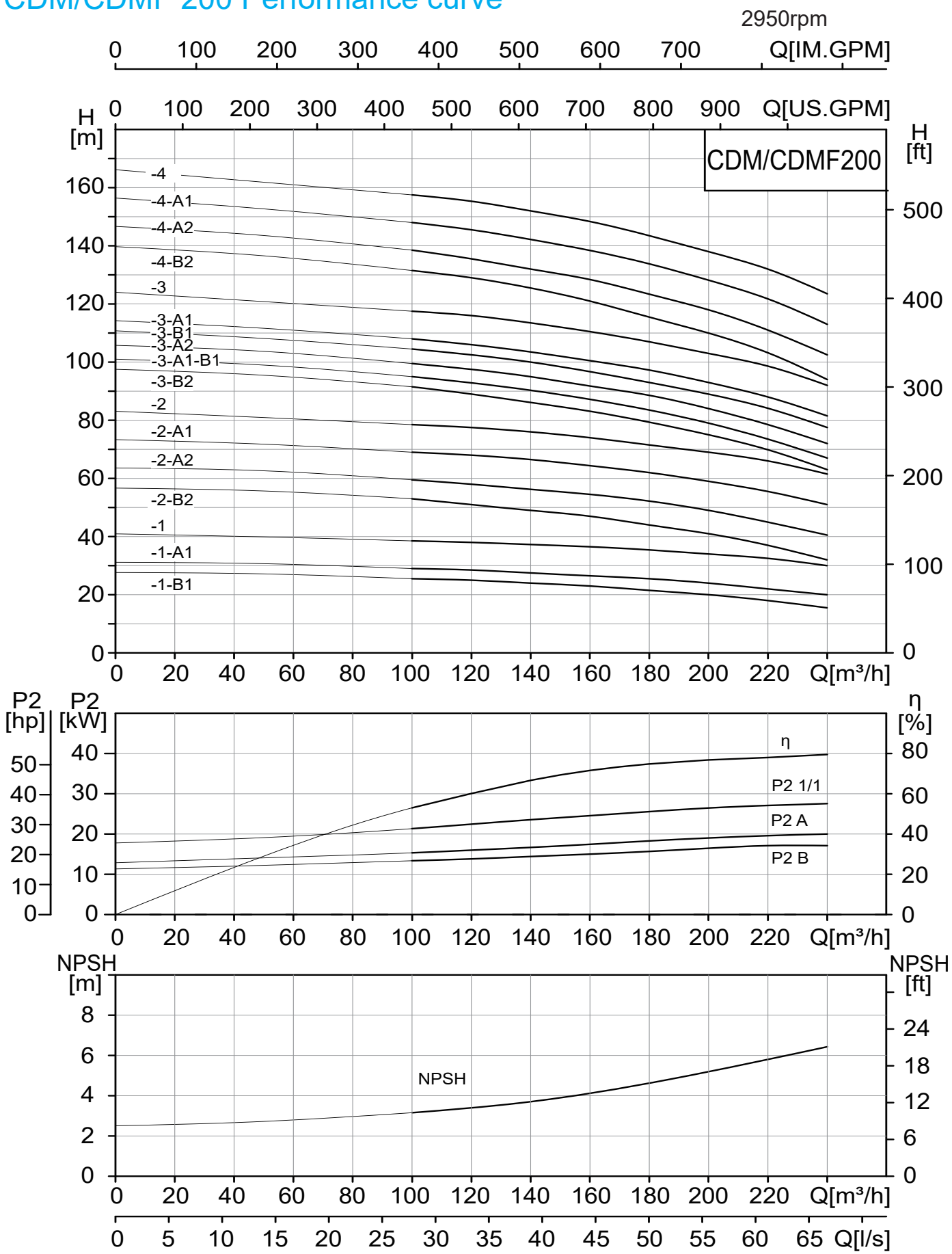
# CDM/CDMF 120 Performance table

| Model | Motor | | Q | 0 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (kW) | (hp) | ($m^3/h$) | | | | | | | | | | | |
| 120-1 | 11 | 15 | | 23 | 22 | 21.8 | 21.6 | 21 | 20.5 | 19.5 | 18.5 | 17 | 16 | 15 |
| 120-2-2 | 15 | 20 | | 37 | 34 | 33.6 | 33 | 31 | 30.2 | 30 | 28.5 | 27 | 25 | 24 |
| 120-2-1 | 18.5 | 25 | | 43 | 41 | 40 | 39.5 | 38.5 | 37 | 36.5 | 34.5 | 32.5 | 30 | 27.5 |
| 120-2 | 22 | 30 | | 48 | 46 | 45 | 44.5 | 43.5 | 42.4 | 41 | 40 | 38 | 36 | 33.5 |
| 120-3-2 | 30 | 40 | | 59.5 | 57 | 56 | 55 | 53.5 | 52 | 51 | 49 | 46.5 | 43.5 | 41 |
| 120-3-1 | 30 | 40 | | 65.5 | 64 | 63 | 62 | 60 | 58.5 | 57.5 | 55.5 | 52 | 49 | 46 |
| 120-3 | 30 | 40 | | 71 | 69.5 | 68.5 | 67.5 | 66 | 64.4 | 62.5 | 61 | 57.5 | 54.5 | 51 |
| 120-4-2 | 37 | 50 | | 82 | 80.5 | 79 | 78 | 76 | 73.5 | 72 | 69 | 66 | 61.5 | 58 |
| 120-4-1 | 37 | 50 | | 91 | 87 | 86 | 84.5 | 82 | 80 | 78 | 76 | 72 | 68 | 64.5 |
| 120-4 | 45 | 60 | H (m) | 96 | 92.5 | 91 | 90 | 88 | 85.5 | 83 | 81 | 77 | 73 | 68.5 |
| 120-5-2 | 45 | 60 | | 108 | 104.5 | 103 | 101 | 99 | 96 | 93 | 90 | 85.5 | 80.5 | 75.5 |
| 120-5-1 | 45 | 60 | | 115 | 110.5 | 109 | 107.5 | 105 | 102 | 100 | 97 | 92 | 86.5 | 83 |
| 120-5 | 55 | 75 | | 121 | 115.5 | 114 | 113 | 110 | 107.5 | 104.5 | 101.5 | 96 | 91 | 86 |
| 120-6-2 | 55 | 75 | | 131 | 128 | 125.5 | 123 | 121 | 117.3 | 113.5 | 110 | 104.5 | 98.5 | 92.5 |
| 120-6-1 | 55 | 75 | | 139 | 134 | 132 | 130.5 | 127 | 124 | 121 | 118 | 111 | 105 | 100 |
| 120-6 | 75 | 100 | | 144 | 139 | 137 | 135 | 132 | 128.8 | 126 | 123 | 116 | 110 | 104 |
| 120-7-2 | 75 | 100 | | 154 | 151 | 148 | 145.5 | 143 | 138.6 | 134 | 130 | 123.5 | 116.5 | 109 |
| 120-7-1 | 75 | 100 | | 161 | 156.5 | 154 | 152 | 148.5 | 144.5 | 141 | 137.5 | 130 | 123 | 116.5 |
| 120-7 | 75 | 100 | | 166 | 162.5 | 160.5 | 158.5 | 155 | 151 | 148 | 145 | 137 | 129 | 123 |

# CDM/CDMF 150 Performance curve

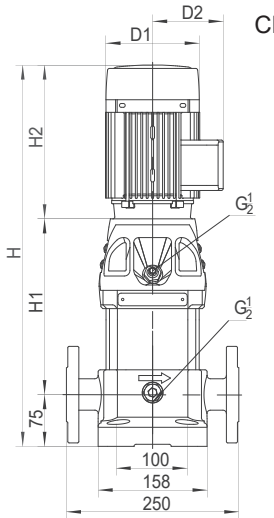


# CDM/CDMF 200 Performance curve

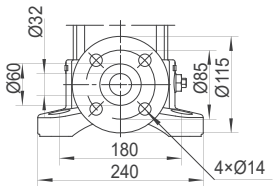


# CDM/CDMF 1 Installation sketch

CDM

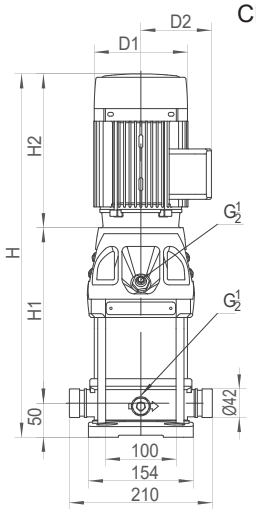



Flange PN25/DN25

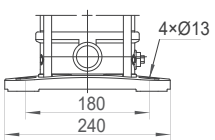



Oval flange

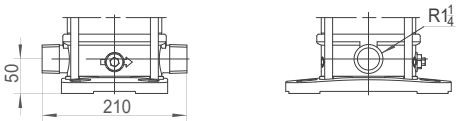
CDMF



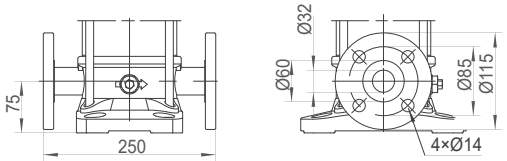

Cutting ferrule joint



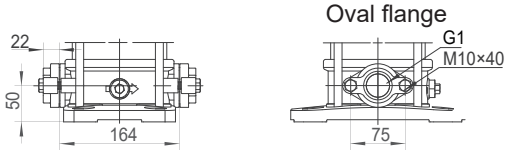

Pipe thread




Flange PN25/DN25




Oval flange



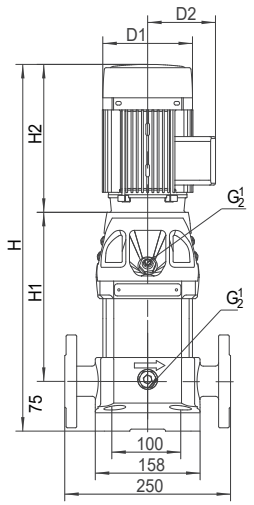

Note1：CDM/CDMF1-27~1-40 have no oval flange pipeline connection.
Note2：The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

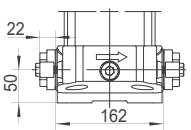
# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H(Flange/Oth.) | D1 | D2 | CDM | CDMF |
| 1-2 | 187 | 215 | 477/452 | 148 | 117 | 23 | 19 |
| 1-3 | 207 | 215 | 497/472 | 148 | 117 | 23 | 19 |
| 1-4 | 227 | 215 | 517/492 | 148 | 117 | 24 | 20 |
| 1-5 | 247 | 215 | 537/512 | 148 | 117 | 24 | 20 |
| 1-6 | 267 | 215 | 557/532 | 148 | 117 | 25 | 21 |
| 1-7 | 287 | 215 | 577/552 | 148 | 117 | 25 | 21 |
| 1-8 | 307 | 215 | 597/572 | 148 | 117 | 27 | 23 |
| 1-9 | 327 | 215 | 617/592 | 148 | 117 | 27 | 23 |
| 1-10 | 347 | 215 | 637/612 | 148 | 117 | 28 | 24 |
| 1-11 | 367 | 215 | 657/632 | 148 | 117 | 28 | 24 |
| 1-12 | 397 | 245 | 717/692 | 170 | 142 | 31 | 27 |
| 1-13 | 417 | 245 | 737/712 | 170 | 142 | 31 | 27 |
| 1-15 | 457 | 245 | 777/752 | 170 | 142 | 32 | 28 |
| 1-17 | 497 | 245 | 817/792 | 170 | 142 | 35 | 31 |
| 1-19 | 537 | 245 | 857/832 | 170 | 142 | 36 | 32 |
| 1-21 | 577 | 245 | 897/872 | 170 | 142 | 36 | 32 |
| 1-22 | 597 | 245 | 917/892 | 170 | 142 | 37 | 33 |
| 1-23 | 617 | 290 | 937/912 | 190 | 155 | 43 | 39 |
| 1-25 | 667 | 290 | 1032/1007 | 190 | 155 | 44 | 40 |
| 1-27 | 707 | 290 | 1072/1047 | 190 | 155 | 45 | 41 |
| 1-30 | 767 | 290 | 1132/1107 | 190 | 155 | 46 | 42 |
| 1-32 | 807 | 290 | 1172/1147 | 190 | 155 | 49 | 45 |
| 1-33 | 827 | 290 | 1192/1167 | 190 | 155 | 49 | 45 |
| 1-34 | 847 | 290 | 1212/1187 | 190 | 155 | 50 | 46 |
| 1-36 | 887 | 290 | 1252/1227 | 190 | 155 | 51 | 47 |
| 1-38 | 927 | 290 | 1292/1267 | 190 | 155 | 51 | 47 |
| 1-40 | 967 | 290 | 1332/1307 | 190 | 155 | 52 | 48 |

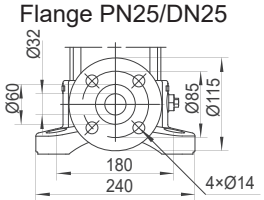
# CDM/CDMF 3 Installation sketch

CDM

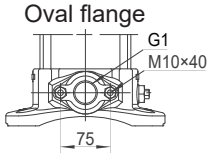


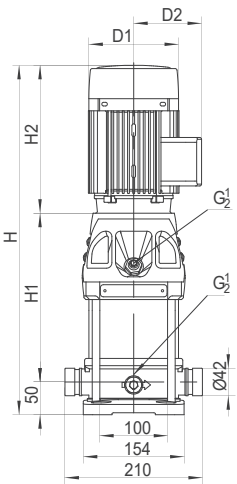

Flange PN25/DN25

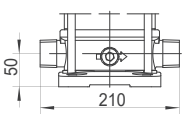


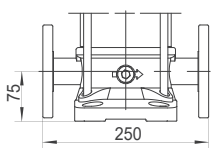

Oval flange

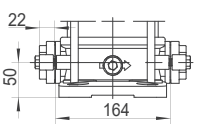



CDMF

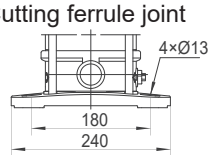


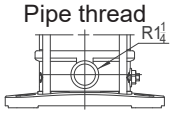



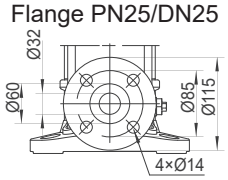

Cutting ferrule joint



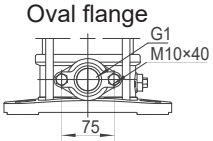

Pipe thread




Flange PN25/DN25




Oval flange



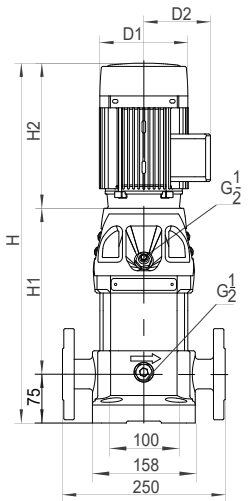

Note1: CDM/CDMF3-21~3-31 have no oval flange pipeline connection.
Note2: The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

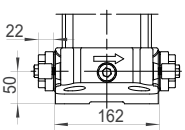
# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H(Flange/Oth.) | D1 | D2 | CDM | CDMF |
| 3-2 | 187 | 215 | 477/452 | 148 | 117 | 24 | 20 |
| 3-3 | 207 | 215 | 497/472 | 148 | 117 | 24 | 20 |
| 3-4 | 227 | 215 | 517/492 | 148 | 117 | 25 | 21 |
| 3-5 | 247 | 215 | 537/512 | 148 | 117 | 26 | 22 |
| 3-6 | 267 | 215 | 557/532 | 148 | 117 | 27 | 23 |
| 3-7 | 297 | 245 | 617/592 | 170 | 142 | 30 | 26 |
| 3-8 | 317 | 245 | 637/612 | 170 | 142 | 30 | 26 |
| 3-9 | 337 | 245 | 657/632 | 170 | 142 | 32 | 28 |
| 3-10 | 357 | 245 | 677/652 | 170 | 142 | 33 | 29 |
| 3-11 | 377 | 245 | 697/672 | 170 | 142 | 33 | 29 |
| 3-12 | 397 | 245 | 717/692 | 170 | 142 | 34 | 30 |
| 3-13 | 427 | 290 | 792/767 | 190 | 155 | 39 | 35 |
| 3-14 | 447 | 290 | 812/787 | 190 | 155 | 40 | 36 |
| 3-15 | 467 | 290 | 832/807 | 190 | 155 | 40 | 36 |
| 3-16 | 487 | 290 | 852/827 | 190 | 155 | 41 | 37 |
| 3-18 | 527 | 290 | 892/867 | 190 | 155 | 43 | 39 |
| 3-19 | 547 | 290 | 912/887 | 190 | 155 | 44 | 40 |
| 3-20 | 567 | 290 | 932/907 | 190 | 155 | 44 | 40 |
| 3-21 | 587 | 290 | 952/927 | 190 | 155 | 45 | 41 |
| 3-22 | 607 | 290 | 972/947 | 190 | 155 | 45 | 41 |
| 3-23 | 627 | 290 | 992/967 | 190 | 155 | 46 | 42 |
| 3-24 | 647 | 290 | 1012/987 | 190 | 155 | 46 | 42 |
| 3-25 | 677 | 345 | 1097/1072 | 197 | 165 | 57 | 53 |
| 3-27 | 717 | 345 | 1137/1112 | 197 | 165 | 58 | 54 |
| 3-28 | 737 | 345 | 1157/1132 | 197 | 165 | 58 | 54 |
| 3-29 | 757 | 345 | 1177/1152 | 197 | 165 | 58 | 54 |
| 3-31 | 797 | 345 | 1217/1192 | 197 | 165 | 59 | 55 |

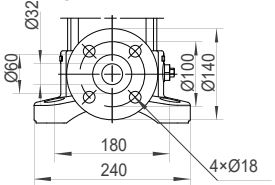
# CDM/CDMF 5 Installation sketch

CDM

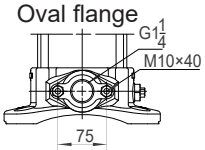


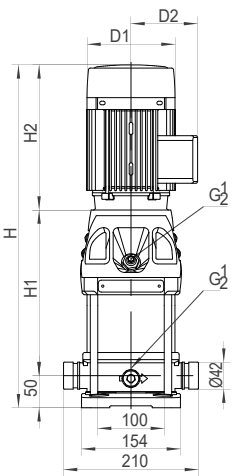

Flange PN25/DN32

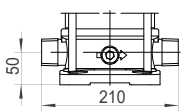


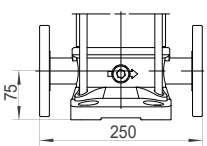

Oval flange

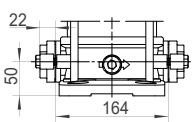



CDMF

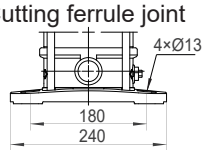


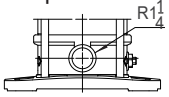



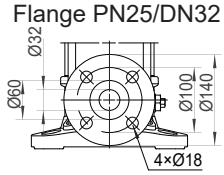

Cutting ferrule joint



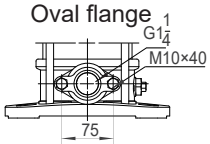

Pipe thread




Flange PN25/DN32




Oval flange



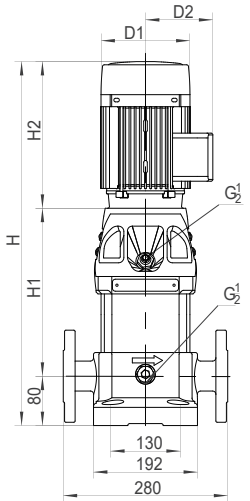

Note1: CDM/CDMF5-21~5-33 have no oval flange pipeline connection.
Note2: The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

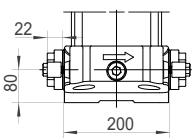
# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H(Flange/Oth.) | D1 | D2 | CDM | CDMF |
| 5-2 | 201 | 215 | 491/466 | 148 | 117 | 24 | 19 |
| 5-3 | 228 | 215 | 518/493 | 148 | 117 | 26 | 21 |
| 5-4 | 255 | 215 | 545/520 | 148 | 117 | 27 | 22 |
| 5-5 | 292 | 245 | 612/587 | 170 | 142 | 30 | 25 |
| 5-6 | 319 | 245 | 639/614 | 170 | 142 | 32 | 27 |
| 5-7 | 346 | 245 | 666/641 | 170 | 142 | 32 | 27 |
| 5-8 | 373 | 245 | 693/668 | 170 | 142 | 33 | 28 |
| 5-9 | 410 | 290 | 775/750 | 190 | 155 | 38 | 33 |
| 5-10 | 437 | 290 | 802/777 | 190 | 155 | 39 | 34 |
| 5-11 | 464 | 290 | 829/804 | 190 | 155 | 39 | 34 |
| 5-12 | 491 | 290 | 856/831 | 190 | 155 | 42 | 37 |
| 5-13 | 518 | 290 | 883/858 | 190 | 155 | 42 | 37 |
| 5-14 | 545 | 290 | 910/885 | 190 | 155 | 43 | 38 |
| 5-15 | 572 | 290 | 937/912 | 190 | 155 | 43 | 38 |
| 5-16 | 599 | 290 | 964/939 | 190 | 155 | 44 | 39 |
| 5-17 | 636 | 345 | 1056/1030 | 197 | 165 | 55 | 50 |
| 5-18 | 663 | 345 | 1083/1058 | 197 | 165 | 55 | 50 |
| 5-20 | 717 | 345 | 1137/1112 | 197 | 165 | 56 | 51 |
| 5-21 | 744 | 345 | 1164/1139 | 197 | 165 | 57 | 52 |
| 5-22 | 771 | 355 | 1201/1176 | 230 | 188 | 64 | 59 |
| 5-23 | 798 | 355 | 1228/1203 | 230 | 188 | 65 | 60 |
| 5-24 | 825 | 355 | 1255/1230 | 230 | 188 | 65 | 60 |
| 5-25 | 852 | 355 | 1282/1257 | 230 | 188 | 66 | 61 |
| 5-27 | 906 | 355 | 1336/1311 | 230 | 188 | 67 | 62 |
| 5-28 | 933 | 355 | 1363/1338 | 230 | 188 | 67 | 62 |
| 5-29 | 1035 | 390 | 1500/1475 | 260 | 208 | 87 | 82 |
| 5-30 | 1062 | 390 | 1527/1502 | 260 | 208 | 88 | 83 |
| 5-33 | 1143 | 390 | 1608/1583 | 260 | 208 | 89 | 84 |

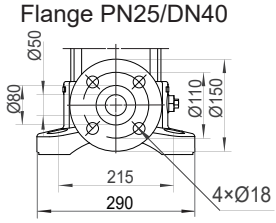
# CDM/CDMF 10 Installation sketch

CDM

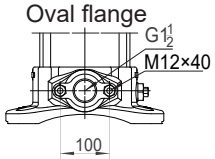


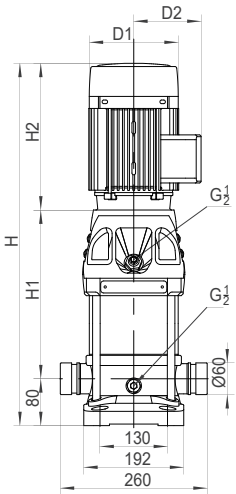

Flange PN25/DN40

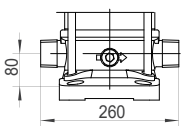


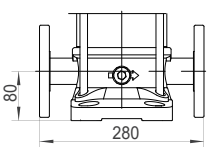

Oval flange

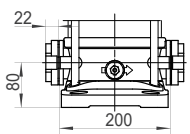



CDMF

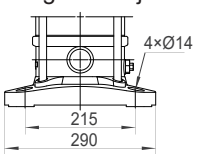


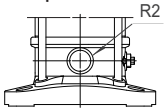



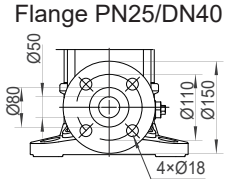

Cutting ferrule joint



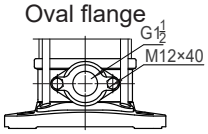

Pipe thread




Flange PN25/DN40




Oval flange

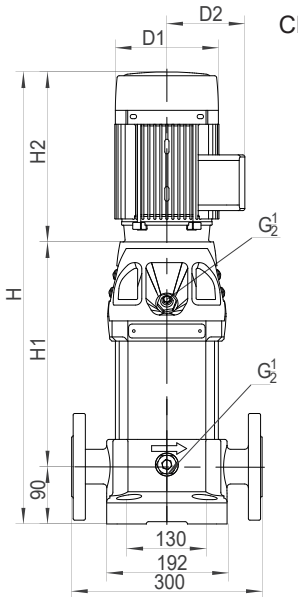


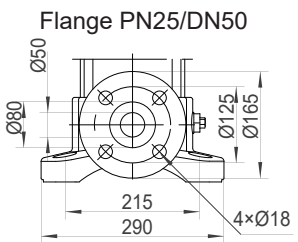

Note1：CDM/CDMF10-15~10-22 have no oval flange pipeline connection.
Note2：The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

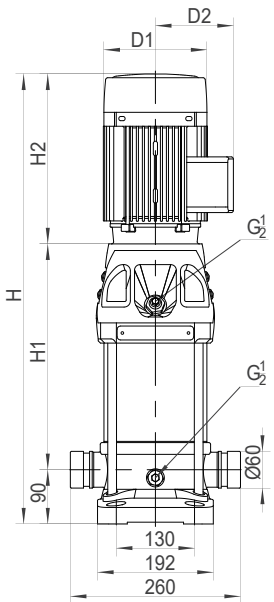
# Dimensions and weights

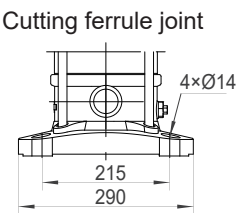
| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 10-1 | 267 | 245 | 592 | 170 | 142 | 31 | 29 |
| 10-2 | 267 | 245 | 592 | 170 | 142 | 32 | 30 |
| 10-3 | 297 | 245 | 622 | 170 | 142 | 35 | 33 |
| 10-4 | 337 | 290 | 707 | 190 | 155 | 41 | 39 |
| 10-5 | 367 | 290 | 737 | 190 | 155 | 45 | 43 |
| 10-6 | 397 | 290 | 767 | 190 | 155 | 46 | 44 |
| 10-7 | 437 | 345 | 862 | 197 | 165 | 57 | 55 |
| 10-8 | 467 | 345 | 892 | 197 | 165 | 58 | 56 |
| 10-9 | 497 | 355 | 932 | 230 | 188 | 65 | 63 |
| 10-10 | 527 | 355 | 962 | 230 | 188 | 66 | 64 |
| 10-11 | 557 | 355 | 992 | 230 | 188 | 67 | 65 |
| 10-12 | 665 | 355 | 1100 | 230 | 188 | 68 | 66 |
| 10-13 | 695 | 390 | 1165 | 260 | 208 | 88 | 86 |
| 10-14 | 725 | 390 | 1195 | 260 | 208 | 89 | 87 |
| 10-15 | 755 | 390 | 1225 | 260 | 208 | 90 | 88 |
| 10-16 | 785 | 390 | 1255 | 260 | 208 | 99 | 97 |
| 10-17 | 815 | 390 | 1285 | 260 | 208 | 100 | 98 |
| 10-18 | 845 | 390 | 1315 | 260 | 208 | 101 | 99 |
| 10-19 | 875 | 390 | 1345 | 260 | 208 | 102 | 100 |
| 10-20 | 905 | 390 | 1375 | 260 | 208 | 103 | 101 |
| 10-21 | 935 | 390 | 1405 | 260 | 208 | 104 | 102 |
| 10-22 | 995 | 500 | 1575 | 330 | 255 | 170 | 168 |

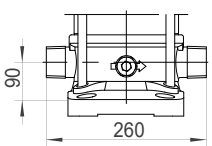
# CDM/CDMF 15 Installation sketch

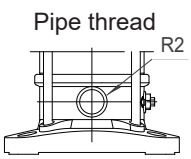


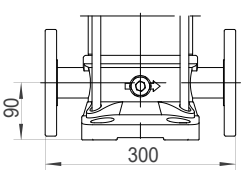



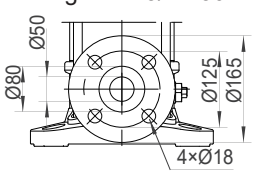



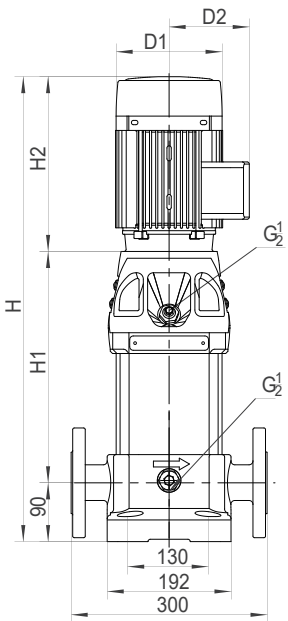

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

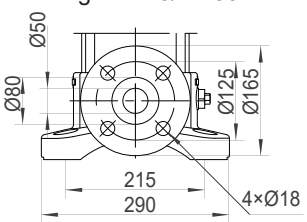
| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 15-1 | 297 | 245 | 632 | 170 | 142 | 40 | 33 |
| 15-2 | 307 | 290 | 687 | 190 | 155 | 48 | 41 |
| 15-3 | 362 | 345 | 797 | 197 | 165 | 59 | 52 |
| 15-4 | 407 | 355 | 852 | 230 | 188 | 66 | 59 |
| 15-5 | 452 | 355 | 897 | 230 | 188 | 68 | 61 |
| 15-6 | 575 | 390 | 1055 | 260 | 208 | 90 | 83 |
| 15-7 | 620 | 390 | 1100 | 260 | 208 | 91 | 84 |
| 15-8 | 665 | 390 | 1145 | 260 | 208 | 98 | 91 |
| 15-9 | 710 | 390 | 1190 | 260 | 208 | 99 | 92 |
| 15-10 | 785 | 500 | 175 | 330 | 255 | 157 | 150 |
| 15-11 | 830 | 500 | 1420 | 330 | 255 | 159 | 152 |
| 15-12 | 875 | 500 | 1465 | 330 | 255 | 160 | 153 |
| 15-13 | 920 | 500 | 1510 | 330 | 255 | 162 | 155 |
| 15-14 | 965 | 500 | 1555 | 330 | 255 | 163 | 156 |
| 15-15 | 1010 | 500 | 1600 | 330 | 255 | 179 | 172 |
| 15-16 | 1055 | 500 | 1645 | 330 | 255 | 181 | 174 |
| 15-17 | 1100 | 500 | 1690 | 330 | 255 | 182 | 175 |
| 15-18 | 1145 | 500 | 1735 | 330 | 255 | 184 | 177 |

# CDM/CDMF 20 Installation sketch

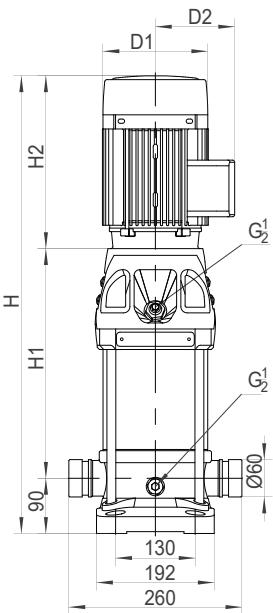
CDM



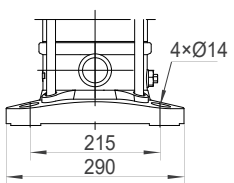

Flange PN25/DN50

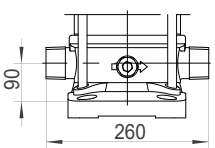



CDMF

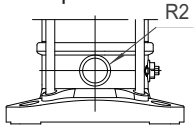


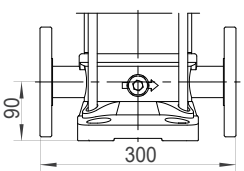

Cutting ferrule joint



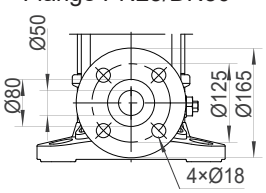




Pipe thread




Flange PN25/DN50

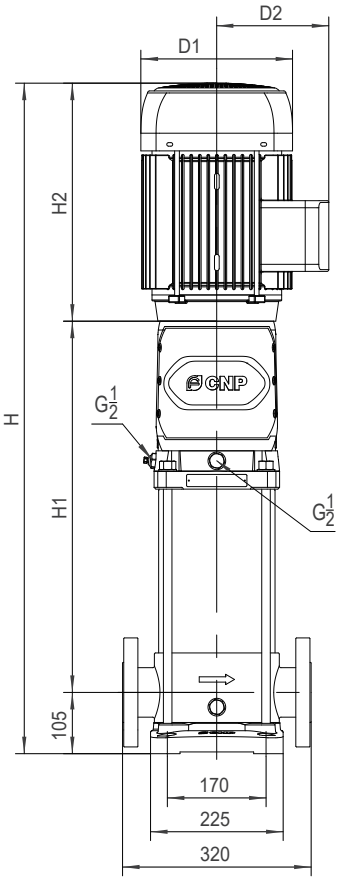



The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

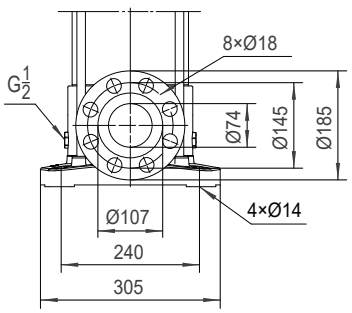
# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 20-1 | 297 | 245 | 632 | 170 | 142 | 40 | 33 |
| 20-2 | 307 | 290 | 687 | 190 | 155 | 48 | 41 |
| 20-3 | 362 | 355 | 807 | 230 | 188 | 66 | 59 |
| 20-4 | 485 | 390 | 965 | 260 | 208 | 88 | 81 |
| 20-5 | 530 | 390 | 1010 | 260 | 208 | 90 | 83 |
| 20-6 | 575 | 390 | 1055 | 260 | 208 | 99 | 92 |
| 20-7 | 620 | 390 | 1100 | 260 | 208 | 100 | 93 |
| 20-8 | 695 | 500 | 1285 | 330 | 255 | 167 | 160 |
| 20-10 | 785 | 500 | 1375 | 330 | 255 | 170 | 163 |
| 20-12 | 875 | 500 | 1465 | 330 | 255 | 188 | 181 |
| 20-14 | 965 | 500 | 1555 | 330 | 255 | 191 | 184 |
| 20-17 | 1100 | 550 | 1740 | 330 | 255 | 212 | 205 |

# CDM/CDMF 32 Installation sketch




Flange PN25-40/DN65



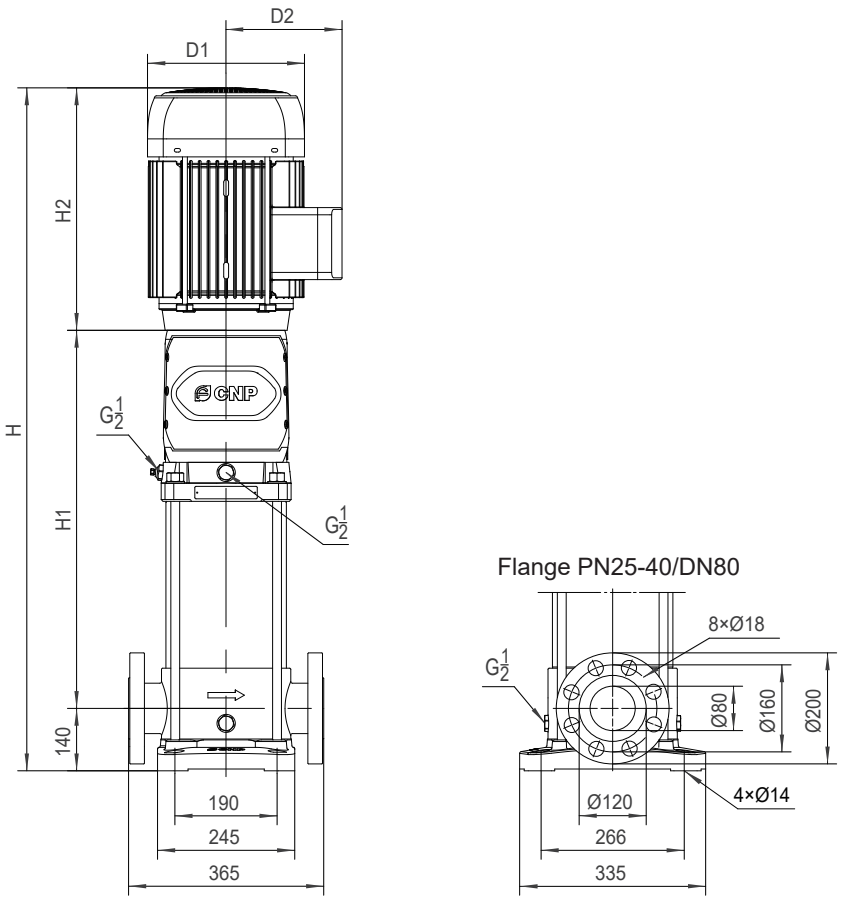

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 32-1-1 | 329 | 290 | 724 | 190 | 155 | 66 | 54 |
| 32-1 | 329 | 290 | 724 | 190 | 155 | 68 | 56 |
| 32-2-2 | 399 | 345 | 849 | 197 | 165 | 73 | 69 |
| 32-2 | 399 | 355 | 859 | 230 | 180 | 79 | 75 |
| 32-3-2 | 560 | 390 | 1055 | 260 | 208 | 102 | 98 |
| 32-3 | 560 | 390 | 1055 | 260 | 208 | 102 | 98 |
| 32-4-2 | 630 | 390 | 1125 | 260 | 208 | 113 | 109 |
| 32-4 | 630 | 390 | 1125 | 260 | 208 | 113 | 109 |
| 32-5-2 | 730 | 500 | 1335 | 330 | 255 | 184 | 179 |
| 32-5 | 730 | 500 | 1335 | 330 | 255 | 184 | 179 |
| 32-6-2 | 800 | 500 | 1405 | 330 | 255 | 186 | 182 |
| 32-6 | 800 | 500 | 1405 | 330 | 255 | 186 | 182 |
| 32-7-2 | 870 | 500 | 1475 | 330 | 255 | 204 | 200 |
| 32-7 | 870 | 500 | 1475 | 330 | 255 | 204 | 200 |
| 32-8-2 | 940 | 500 | 1545 | 330 | 255 | 207 | 203 |
| 32-8 | 940 | 500 | 1545 | 330 | 255 | 207 | 203 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 32-9-2 | 1010 | 550 | 1665 | 330 | 255 | 218 | 214 |
| 32-9 | 1010 | 550 | 1665 | 330 | 255 | 218 | 214 |
| 32-10-2 | 1080 | 550 | 1735 | 330 | 255 | 221 | 217 |
| 32-10 | 1080 | 550 | 1735 | 330 | 255 | 221 | 217 |
| 32-11-2 | 1150 | 575 | 1830 | 360 | 285 | 277 | 272 |
| 32-11 | 1150 | 575 | 1830 | 260 | 285 | 277 | 272 |
| 32-12-2 | 1220 | 575 | 1900 | 360 | 285 | 280 | 275 |
| 32-12 | 1220 | 575 | 1900 | 360 | 285 | 280 | 275 |
| 32-13-2 | 1290 | 650 | 2045 | 400 | 310 | 343 | 339 |
| 32-13 | 1290 | 650 | 2045 | 400 | 310 | 343 | 339 |
| 32-14-2 | 1360 | 650 | 2115 | 400 | 310 | 346 | 342 |
| 32-14 | 1360 | 650 | 2115 | 400 | 310 | 346 | 342 |
| 32-15-2 | 1430 | 650 | 2185 | 400 | 310 | 349 | 345 |
| 32-15 | 1430 | 650 | 2185 | 400 | 310 | 349 | 345 |
| 32-16-2 | 1500 | 650 | 2255 | 400 | 310 | 352 | 347 |
| 32-16 | 1500 | 650 | 2255 | 400 | 310 | 352 | 347 |

# CDM/CDMF 42 Installation sketch



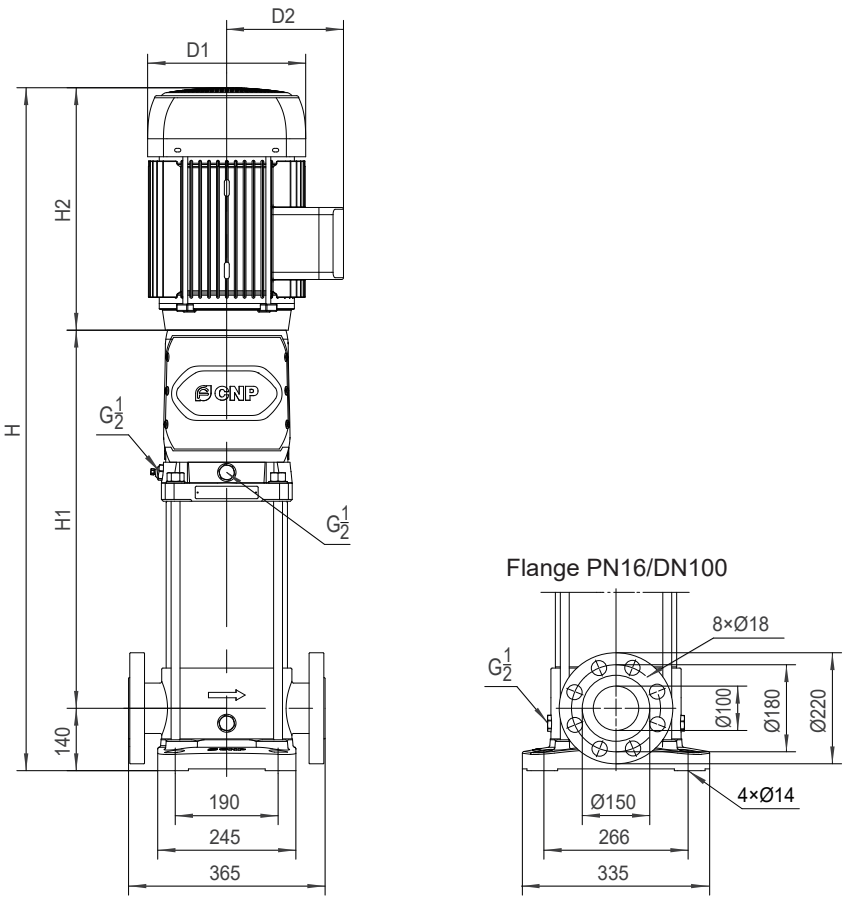

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 42-1-1 | 350 | 345 | 835 | 197 | 165 | 83 | 73 |
| 42-1 | 350 | 355 | 845 | 230 | 188 | 90 | 80 |
| 42-2-2 | 521 | 390 | 1051 | 260 | 208 | 113 | 103 |
| 42-2 | 521 | 390 | 1051 | 260 | 208 | 121 | 111 |
| 42-3-2 | 631 | 500 | 1271 | 330 | 255 | 192 | 182 |
| 42-3 | 631 | 500 | 1271 | 330 | 255 | 192 | 182 |
| 42-4-2 | 711 | 500 | 1351 | 330 | 255 | 211 | 201 |
| 42-4 | 711 | 500 | 1351 | 330 | 255 | 211 | 201 |
| 42-5-2 | 791 | 550 | 1481 | 330 | 255 | 223 | 212 |
| 42-5 | 791 | 550 | 1481 | 330 | 255 | 223 | 212 |
| 42-6-2 | 871 | 575 | 1586 | 360 | 285 | 279 | 269 |
| 42-6 | 871 | 575 | 1586 | 360 | 285 | 279 | 269 |
| 42-7-2 | 951 | 650 | 1741 | 400 | 310 | 343 | 333 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 42-7 | 951 | 650 | 1741 | 400 | 310 | 343 | 333 |
| 42-8-2 | 1031 | 650 | 1821 | 400 | 310 | 347 | 337 |
| 42-8 | 1031 | 650 | 1821 | 400 | 310 | 347 | 337 |
| 42-9-2 | 1111 | 650 | 1901 | 400 | 310 | 350 | 340 |
| 42-9 | 1111 | 650 | 1901 | 400 | 310 | 370 | 360 |
| 42-10-2 | 1191 | 650 | 1981 | 400 | 310 | 374 | 364 |
| 42-10 | 1191 | 650 | 1981 | 400 | 310 | 374 | 364 |
| 42-11-2 | 1271 | 685 | 2096 | 450 | 345 | 477 | 467 |
| 42-11 | 1271 | 685 | 2096 | 450 | 345 | 477 | 467 |
| 42-12-2 | 1351 | 685 | 2176 | 450 | 345 | 481 | 471 |
| 42-12 | 1351 | 685 | 2176 | 450 | 345 | 481 | 471 |
| 42-13-2 | 1431 | 685 | 2256 | 450 | 345 | 484 | 474 |

# CDM/CDMF 65 Installation sketch



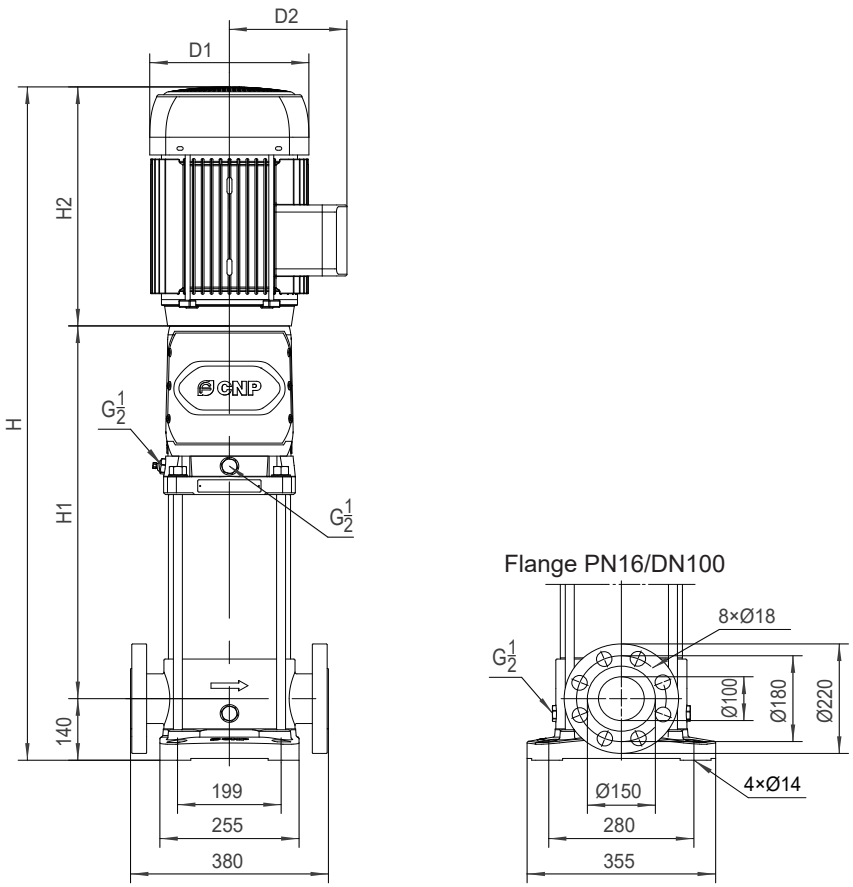

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.
For CDM/CDMF 65 series,PN25-40/DN100 standard flange is also available if required

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 65-1-1 | 353 | 355 | 848 | 230 | 188 | 101 | 70 |
| 65-1 | 444 | 390 | 974 | 260 | 208 | 121 | 90 |
| 65-2-2 | 527 | 390 | 1057 | 260 | 208 | 133 | 102 |
| 65-2-1 | 557 | 500 | 1197 | 330 | 255 | 201 | 170 |
| 65-2 | 557 | 500 | 1197 | 330 | 255 | 201 | 170 |
| 65-3-2 | 640 | 500 | 1280 | 330 | 255 | 219 | 188 |
| 65-3-1 | 640 | 500 | 1280 | 330 | 255 | 219 | 188 |
| 65-3 | 640 | 550 | 1330 | 330 | 255 | 227 | 196 |
| 65-4-2 | 723 | 550 | 1413 | 330 | 255 | 231 | 200 |
| 65-4-1 | 723 | 575 | 1438 | 360 | 285 | 284 | 253 |
| 65-4 | 723 | 575 | 1438 | 360 | 285 | 284 | 253 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 65-5-2 | 806 | 650 | 1596 | 400 | 310 | 349 | 318 |
| 65-5-1 | 806 | 650 | 1596 | 400 | 310 | 349 | 318 |
| 65-5 | 806 | 650 | 1596 | 400 | 310 | 349 | 318 |
| 65-6-2 | 889 | 650 | 1679 | 400 | 310 | 353 | 322 |
| 65-6-1 | 889 | 650 | 1679 | 400 | 310 | 373 | 342 |
| 65-6 | 889 | 650 | 1679 | 400 | 310 | 373 | 342 |
| 65-7-2 | 972 | 650 | 1762 | 400 | 310 | 377 | 346 |
| 65-7-1 | 972 | 650 | 1762 | 400 | 310 | 377 | 346 |
| 65-7 | 972 | 685 | 1797 | 460 | 340 | 477 | 446 |
| 65-8-2 | 1055 | 685 | 1880 | 460 | 340 | 481 | 450 |
| 65-8-1 | 1055 | 685 | 1880 | 460 | 340 | 481 | 450 |

# CDM/CDMF 85 Installation sketch



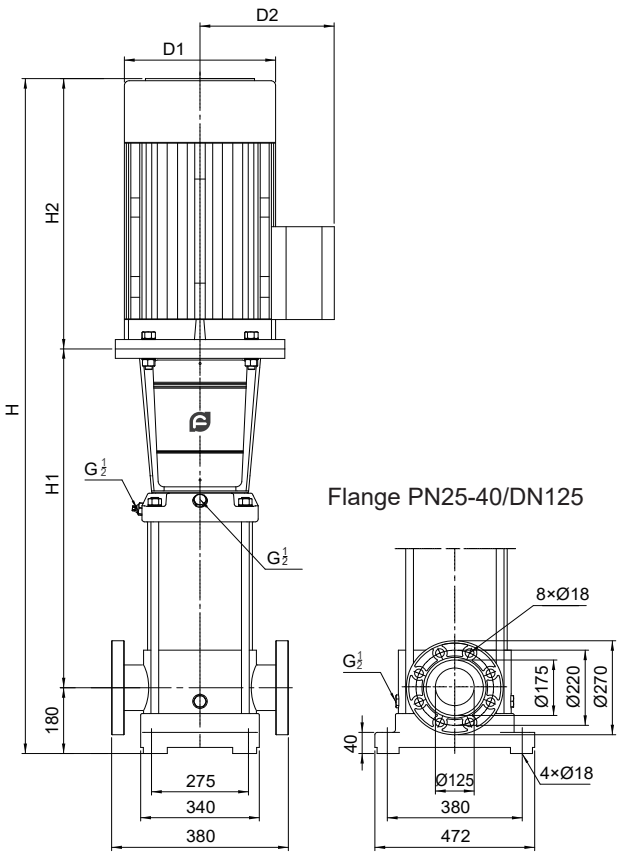

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.
For CDM/CDMF 85 series,PN25-40/DN100 standard flange is also available if required

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 85-1-1 | 453 | 390 | 983 | 260 | 208 | 110 | 101 |
| 85-1 | 453 | 390 | 983 | 260 | 208 | 118 | 109 |
| 85-2-2 | 575 | 500 | 1215 | 330 | 255 | 190 | 181 |
| 85-2 | 575 | 500 | 1215 | 330 | 255 | 205 | 196 |
| 85-3-2 | 667 | 550 | 1357 | 330 | 255 | 217 | 208 |
| 85-3 | 667 | 575 | 1382 | 360 | 285 | 270 | 261 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 85-4-2 | 759 | 650 | 1549 | 400 | 310 | 335 | 326 |
| 85-4 | 759 | 650 | 1549 | 400 | 310 | 335 | 326 |
| 85-5-2 | 851 | 650 | 1641 | 400 | 310 | 359 | 350 |
| 85-5 | 851 | 650 | 1641 | 400 | 310 | 359 | 350 |
| 85-6-2 | 943 | 685 | 1768 | 460 | 340 | 463 | 454 |
| 85-6 | 943 | 685 | 1768 | 460 | 340 | 463 | 454 |

# CDM/CDMF 120 Installation sketch



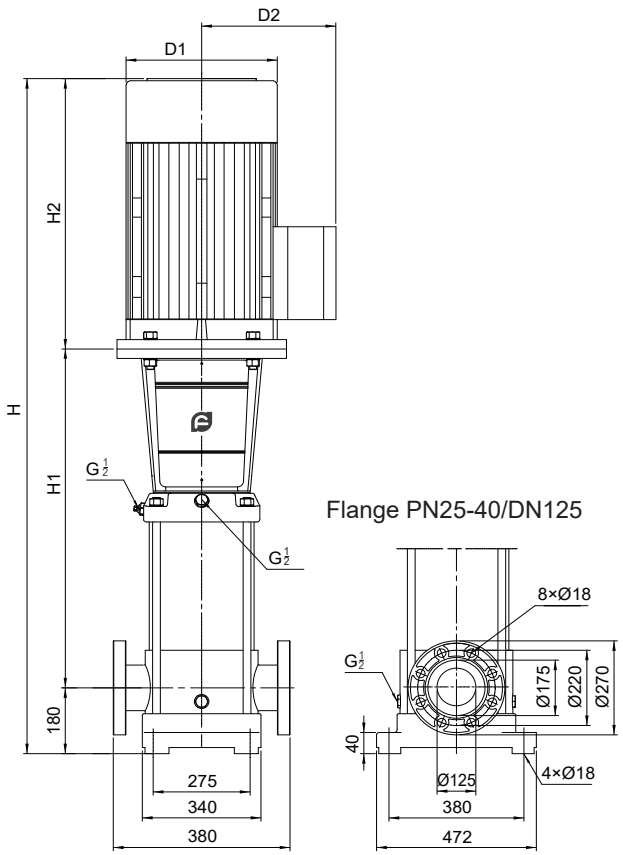

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 120-1 | 660 | 500 | 1340 | 330 | 255 | 226 | 213 |
| 120-2-2 | 820 | 500 | 1500 | 330 | 255 | 250 | 237 |
| 120-2-1 | 820 | 550 | 1550 | 330 | 255 | 263 | 250 |
| 120-2 | 820 | 575 | 1575 | 360 | 285 | 310 | 297 |
| 120-3-2 | 980 | 650 | 1810 | 400 | 310 | 375 | 362 |
| 120-3-1 | 980 | 650 | 1810 | 400 | 310 | 375 | 362 |
| 120-3 | 980 | 650 | 1810 | 400 | 310 | 375 | 362 |
| 120-4-2 | 1140 | 650 | 1970 | 400 | 310 | 405 | 392 |
| 120-4-1 | 1140 | 650 | 1970 | 400 | 310 | 405 | 392 |
| 120-4 | 1140 | 685 | 2005 | 460 | 340 | 501 | 488 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 120-5-2 | 1300 | 685 | 2165 | 460 | 340 | 509 | 496 |
| 120-5-1 | 1300 | 685 | 2165 | 460 | 340 | 509 | 496 |
| 120-5 | 1330 | 760 | 2270 | 540 | 370 | 632 | 619 |
| 120-6-2 | 1490 | 760 | 2430 | 540 | 370 | 641 | 628 |
| 120-6-1 | 1490 | 760 | 2430 | 540 | 370 | 641 | 628 |
| 120-6 | 1490 | 845 | 2515 | 580 | 410 | 757 | 744 |
| 120-7-2 | 1650 | 845 | 2675 | 580 | 410 | 766 | 753 |
| 120-7-1 | 1650 | 845 | 2675 | 580 | 410 | 766 | 753 |
| 120-7 | 1650 | 845 | 2675 | 580 | 410 | 766 | 753 |

# CDM/CDMF 150 Installation sketch



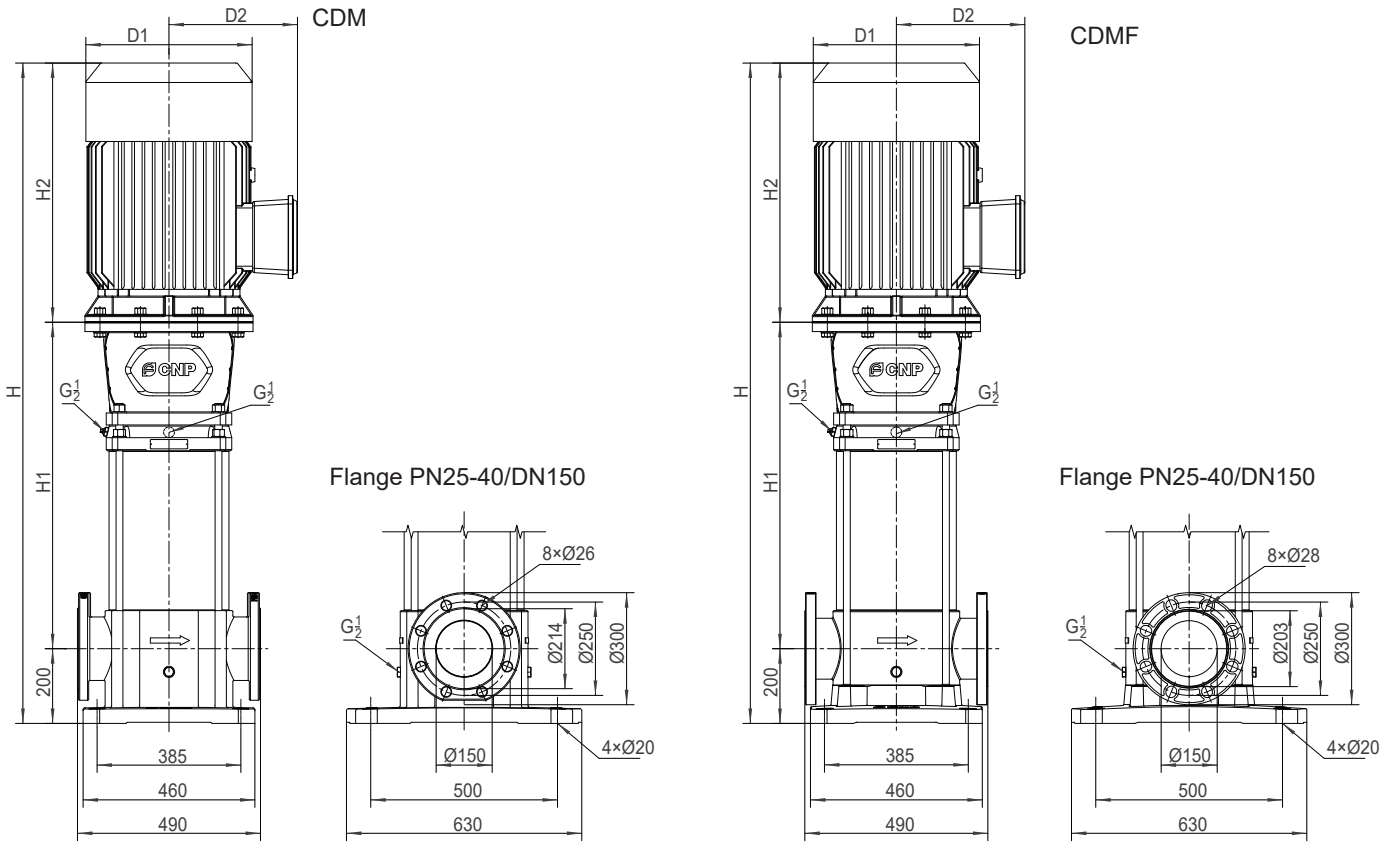

The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 150-1-1 | 660 | 500 | 1340 | 330 | 255 | 227 | 214 |
| 150-1 | 660 | 500 | 1340 | 330 | 255 | 240 | 227 |
| 150-2-2 | 820 | 550 | 1550 | 330 | 255 | 263 | 250 |
| 150-2-1 | 820 | 575 | 1575 | 363 | 285 | 311 | 295 |
| 150-2 | 820 | 650 | 1650 | 400 | 310 | 364 | 351 |
| 150-3-2 | 980 | 650 | 1810 | 400 | 310 | 374 | 361 |
| 150-3-1 | 980 | 650 | 1810 | 400 | 310 | 395 | 382 |
| 150-3 | 980 | 650 | 1810 | 400 | 310 | 395 | 382 |
| 150-4-2 | 1140 | 685 | 2005 | 460 | 340 | 502 | 489 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 150-4-1 | 1140 | 685 | 2005 | 460 | 340 | 502 | 489 |
| 150-4 | 1170 | 760 | 2110 | 540 | 370 | 625 | 612 |
| 150-5-2 | 1330 | 760 | 2270 | 540 | 370 | 636 | 623 |
| 150-5-1 | 1330 | 845 | 2355 | 580 | 410 | 752 | 739 |
| 150-5 | 1330 | 845 | 2355 | 580 | 410 | 752 | 739 |
| 150-6-2 | 1490 | 845 | 2515 | 580 | 410 | 762 | 749 |
| 150-6-1 | 1490 | 845 | 2515 | 580 | 410 | 762 | 749 |
| 150-6 | 1490 | 845 | 2515 | 580 | 410 | 762 | 749 |

# CDM/CDMF 200 Installation sketch




The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

# Dimensions and weights

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 200-1-B | 680 | 550 | 1430 | 330 | 255 | 344 | 314 |
| 200-1-A | 680 | 575 | 1455 | 360 | 285 | 380 | 350 |
| 200-1 | 680 | 650 | 1530 | 400 | 310 | 437 | 407 |
| 200-2-2B | 874 | 650 | 1724 | 400 | 310 | 481 | 451 |
| 200-2-2A | 874 | 685 | 1759 | 460 | 340 | 536 | 506 |
| 200-2-A | 904 | 760 | 1864 | 540 | 370 | 631 | 601 |
| 200-2 | 904 | 845 | 1864 | 540 | 370 | 631 | 601 |
| 200-3-2B | 1098 | 845 | 2143 | 580 | 410 | 784 | 754 |
| 200-3-A-B | 1098 | 845 | 2143 | 580 | 410 | 784 | 754 |

| Model | Dimension (mm) | | | | | Weight(kg) | |
|---|---|---|---|---|---|---|---|
| | H1 | H2 | H | D1 | D2 | CDM | CDMF |
| 200-3-2A | 1098 | 845 | 2143 | 580 | 410 | 784 | 754 |
| 200-3-B | 1098 | 845 | 2143 | 580 | 410 | 784 | 754 |
| 200-3-A | 1098 | 895 | 2143 | 580 | 410 | 784 | 754 |
| 200-3 | 1098 | 895 | 2193 | 580 | 410 | 853 | 823 |
| 200-4-2B | 1292 | 1140 | 2632 | 580 | 410 | 866 | 836 |
| 200-4-2A | 1292 | 1140 | 2632 | 645 | 550 | 1205 | 1175 |
| 200-4-A | 1292 | 1140 | 2632 | 645 | 550 | 1205 | 1175 |
| 200-4 | 1292 | 1140 | 2632 | 645 | 550 | 1205 | 1175 |

MEMO

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