

## Model Instruction

|    |   |       |       |                                                                      |
|----|---|-------|-------|----------------------------------------------------------------------|
| AW | J | 8 - 3 | R - L |                                                                      |
|    |   |       |       | 316 material (304 material is not marked)                            |
|    |   |       |       | Hot water type (Cold-water is not maked)                             |
|    |   |       |       | Pump stage                                                           |
|    |   |       |       | Rated flow (m <sup>3</sup> /h)                                       |
|    |   |       |       | "J"for sectional type; No "J"for cylinder type                       |
|    |   |       |       | AW Light-type stainless steel horizontal multistage centrifugal pump |

## Overview Of The Product

AW, AWJ stainless steel horizontal multistage centrifugal pumps are non-self priming pumps absorbing the advanced technology from home and abroad. They are classified into two kinds: cylinder type and sectional type. They adopt horizontal motor and alloy mechanical seal, which makes the replacement more convenient. The overflowing part of the pump is made of stainless steel 304, applicable for light-corrosion medium. Relying on the high efficiency, energy saving performance, reliable quality, wide usable range, our products receive the great popularity after being launched.

## Application Limits

- ◎ Temperature range of medium: Normal type 0 ~ +68°C , hot water type 68°C ~ +120°C
- ◎ Maximum ambient temperature: +40 °C
- ◎ Maximum system pressure : 1.0MPa
- ◎ When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power
- ◎ pH: 5 to 8

## Applications Fields

- Air conditioner system
- Aquaculture
- Cooling System
- Industrial cleansing
- Environmental application
- Water processing(Water purification)
- Fertilization/measuring system
- Other special applications

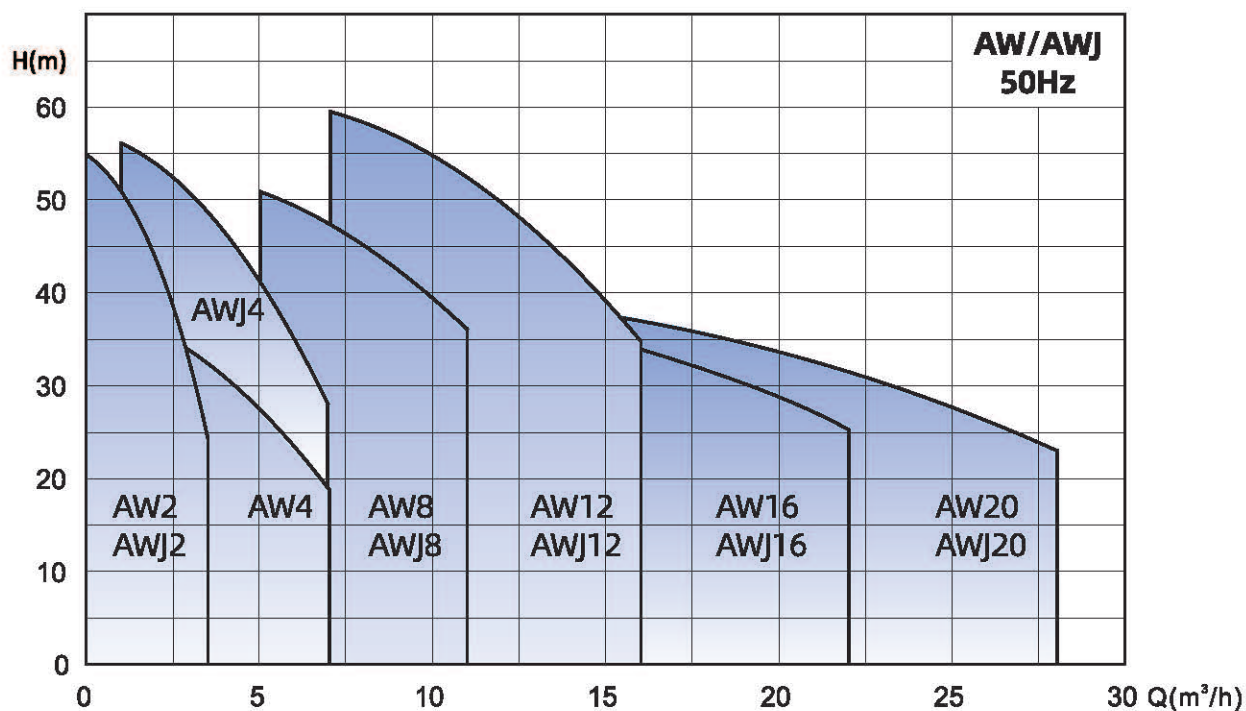
## Certificate



## Optional Available On Request

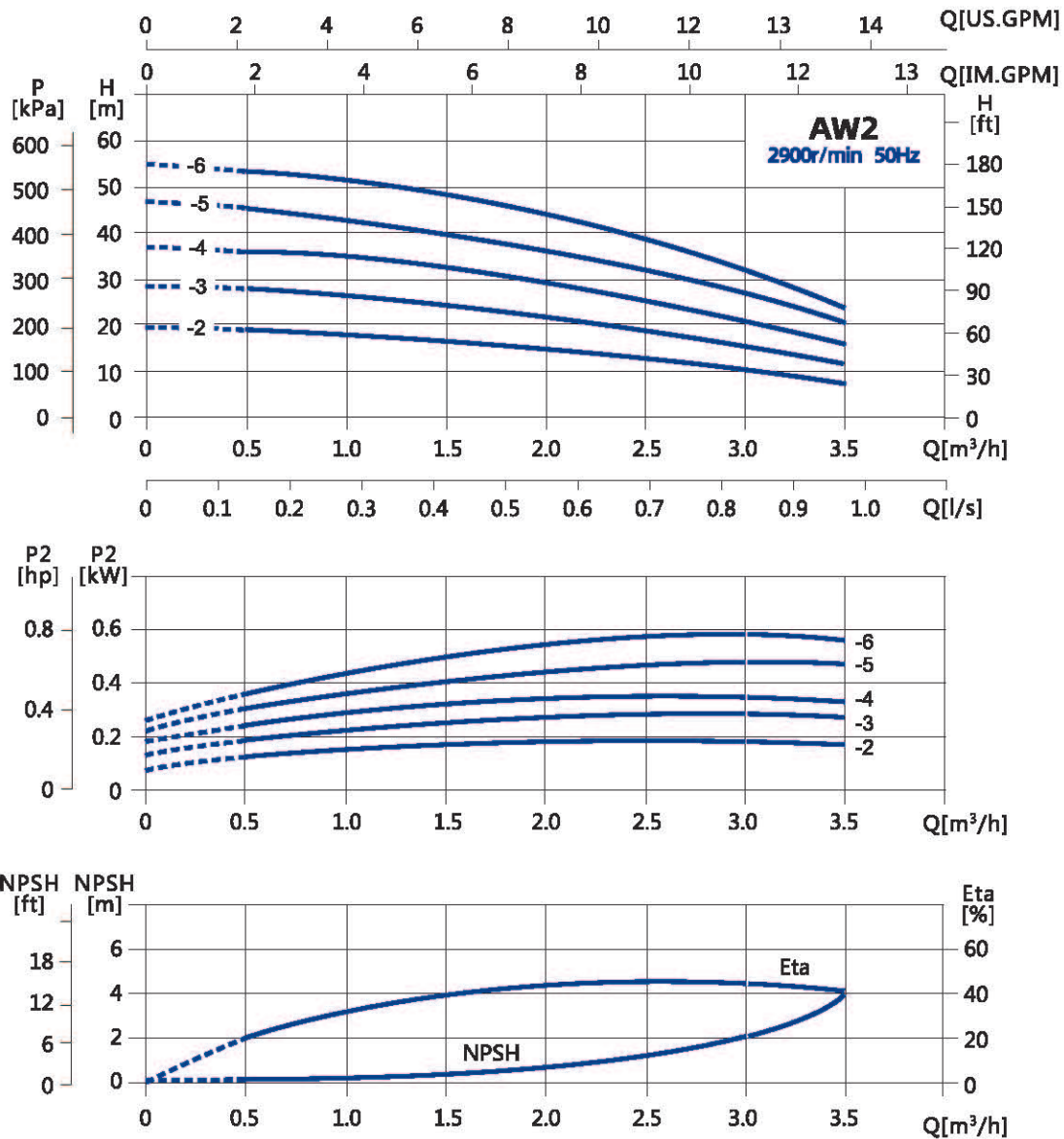
- ◎ Full-enclosed and ventilating two-pole standard motor
- ◎ Protection class: IP55
- ◎ Insulation class: F
- ◎ Standard voltage (50Hz): Single phase 220V Three phase:380V or 220/380V

## Performance Range



| Model             | AW2/AWJ2                                             | AW4/AWJ4 | AW8      | AW12  | AW16  | AWJ8     | AWJ12  | AWJ16  | AW/AWJ20 |
|-------------------|------------------------------------------------------|----------|----------|-------|-------|----------|--------|--------|----------|
| Rated Flow(m³/h)  | 2                                                    | 4        | 8        | 12    | 16    | 8        | 12     | 16     | 20       |
| Flow Range(m³/h)  | 0.5~3.5                                              | 1~7      | 5~11     | 7~16  | 8~22  | 5~11     | 7~16   | 8~22   | 10~28    |
| Max.Pressure(bar) | 5.5                                                  | 4        | 5        | 5     | 4     | 5        | 5      | 4      | 4        |
| Motor Power(kW)   | 0.37~0.75                                            | 0.37~1.1 | 0.75~2.2 | 1.2~3 | 2.2~3 | 0.75~2.2 | 1.2~3  | 2.2~3  | 1.1~3.5  |
| Max.Efficiency(%) | 45                                                   | 59       | 64       | 64    | 70    | 64       | 64     | 70     | 70       |
| Inlet             | G1                                                   | G1 1/4   | G2       | G2    | G2    | G1 1/2   | G1 1/2 | G1 1/2 | G2       |
| Outlet            | G1                                                   | G1       | G2       | G2    | G2    | G1 1/4   | G1 1/4 | G1 1/4 | G2       |
| Temperature Range | Standard Type 0 ~ +68°C Hot Water Type 68°C ~ +120°C |          |          |       |       |          |        |        |          |

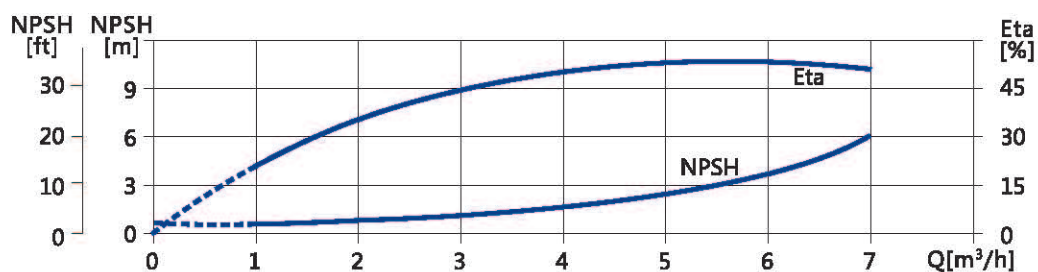
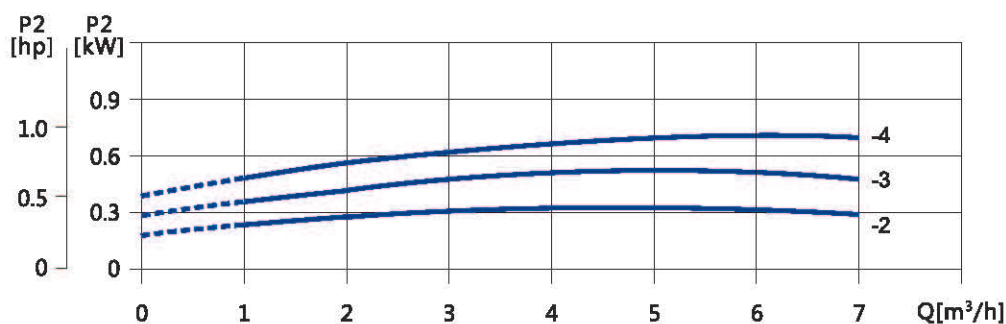
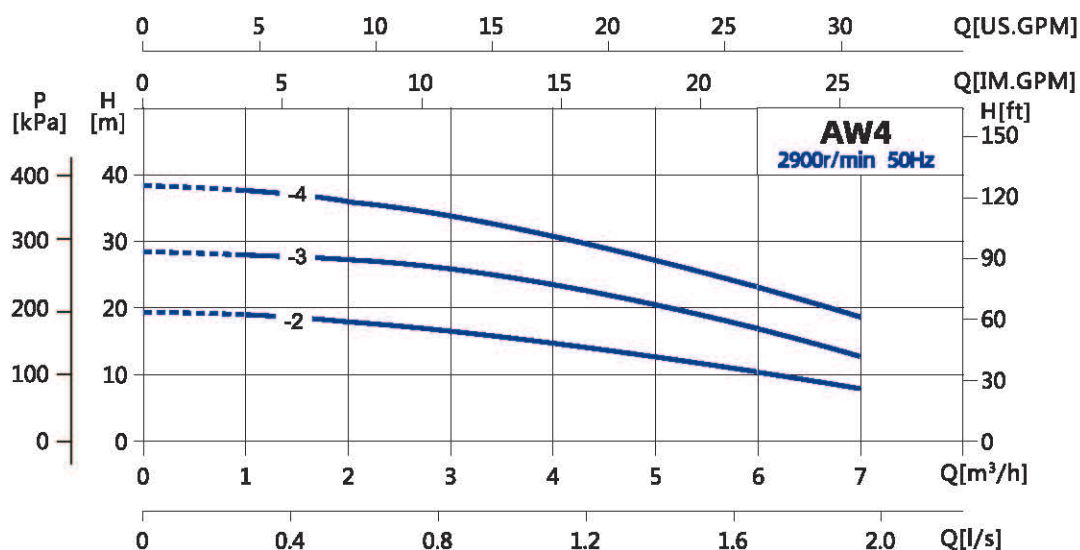
## Performance Details-AW2



It is recommended to be used within lift range.

| Model | Power |      | Q<br>(m³/h) | 0.5  | 1.0  | 1.5  | 2.0 | 2.5  | 3.0  | 3.5  | Head Range<br>(m) |
|-------|-------|------|-------------|------|------|------|-----|------|------|------|-------------------|
|       | kW    | HP   |             |      |      |      |     |      |      |      |                   |
| AW2-2 | 0.37  | 0.5  | H(m)        | 19   | 18   | 16.5 | 15  | 13   | 10   | 7.5  | 19~7.5            |
| AW2-3 | 0.37  | 0.5  |             | 28   | 26.5 | 24.5 | 22  | 19   | 15.5 | 12   | 28~12             |
| AW2-4 | 0.55  | 0.75 |             | 36   | 34.5 | 33   | 29  | 25   | 20.5 | 16   | 36~16             |
| AW2-5 | 0.55  | 0.75 |             | 45.5 | 43   | 40   | 36  | 31.5 | 26.5 | 20.5 | 45.5~20.5         |
| AW2-6 | 0.75  | 1    |             | 53.5 | 51   | 48   | 44  | 39   | 32   | 24   | 53.5~24           |

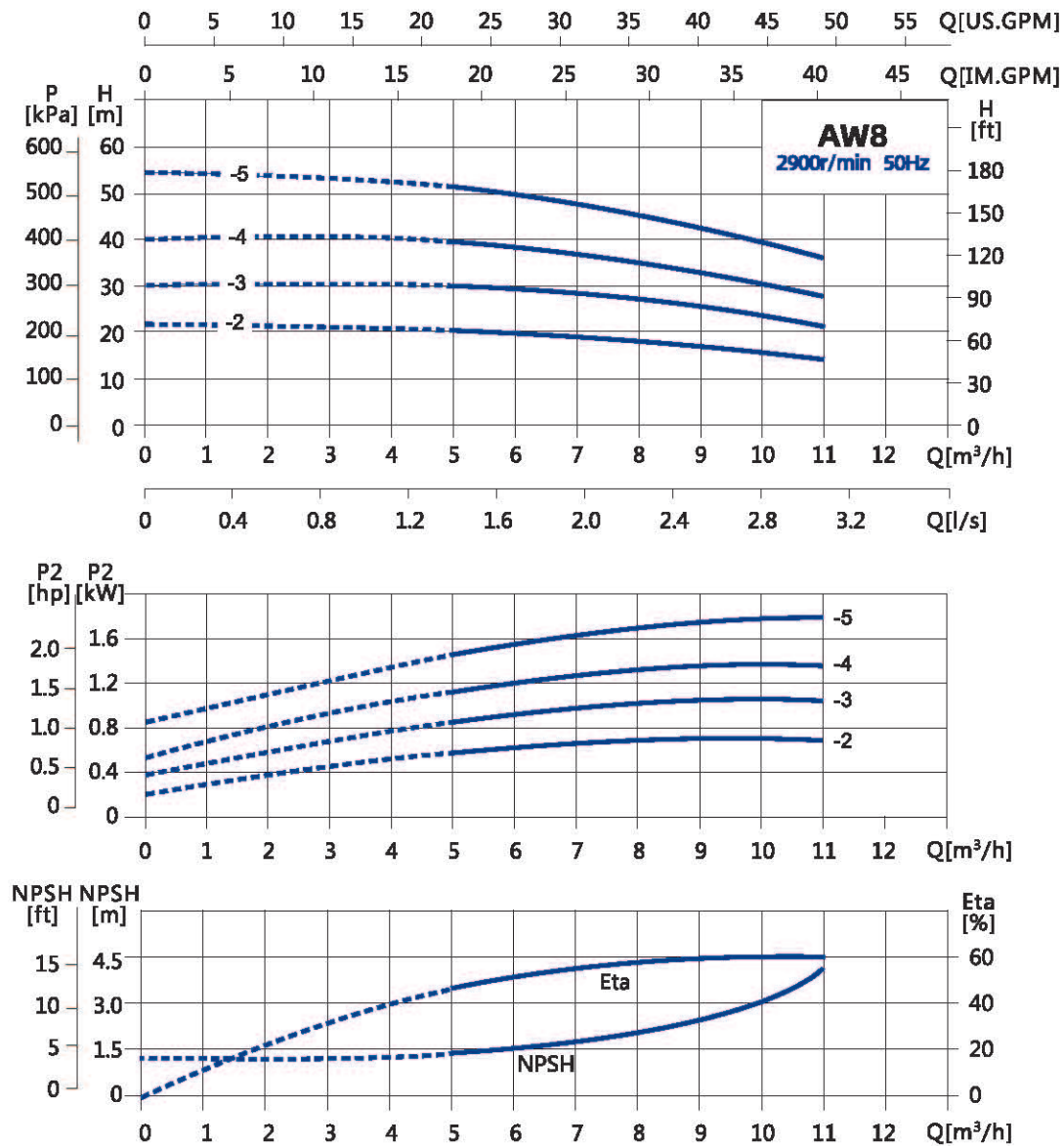
## Performance Details-AW4



It is recommended to be used within lift range.

| Model | Power |      | Q<br>(m³/h) | 1    | 2  | 3  | 4    | 5    | 6  | 7  | Head Range<br>(m) |
|-------|-------|------|-------------|------|----|----|------|------|----|----|-------------------|
|       | kW    | HP   |             |      |    |    |      |      |    |    |                   |
| AW4-2 | 0.37  | 0.5  | H(m)        | 19   | 18 | 17 | 15   | 12.5 | 10 | 8  | 19~8              |
| AW4-3 | 0.55  | 0.75 |             | 28   | 27 | 26 | 23.5 | 20.5 | 17 | 13 | 28~13             |
| AW4-4 | 0.75  | 1    |             | 37.5 | 36 | 34 | 31   | 27   | 23 | 19 | 37.5~19           |

## Performance Details-AW8

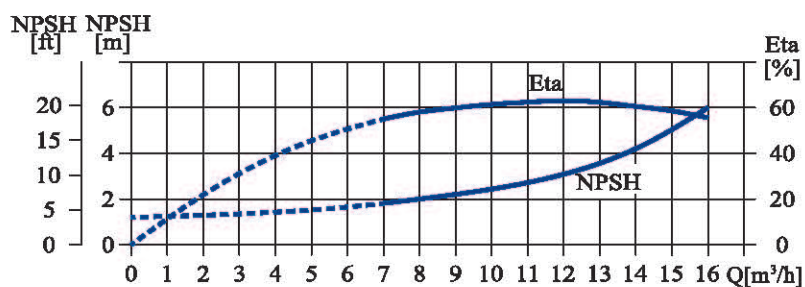
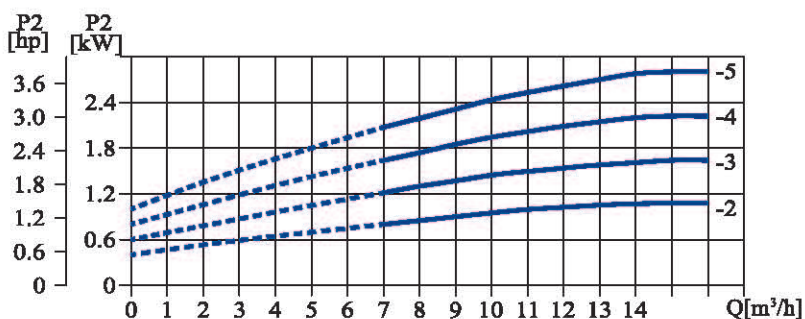
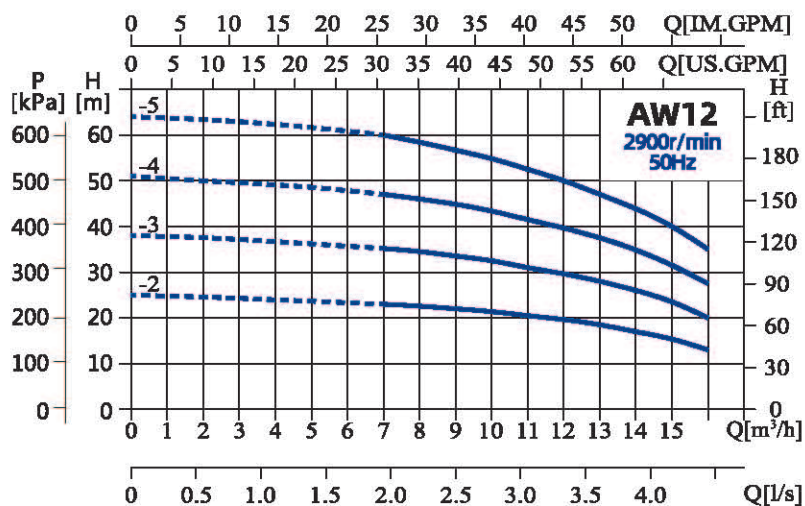


It is recommended to be used within lift range.

| Model | Power |     | Q<br>(m³/h) | 5    | 6    | 7    | 8  | 9    | 10   | 11   | Head Range<br>(m) |
|-------|-------|-----|-------------|------|------|------|----|------|------|------|-------------------|
|       | kW    | HP  |             |      |      |      |    |      |      |      |                   |
| AW8-2 | 0.75  | 1   | H(m)        | 20   | 19.5 | 19   | 18 | 17   | 15.5 | 14   | 20~14             |
| AW8-3 | 1.1   | 1.5 |             | 29.5 | 29   | 28   | 27 | 25   | 23   | 21   | 29.5~21           |
| AW8-4 | 1.5   | 2   |             | 39   | 38   | 37   | 35 | 33   | 30.5 | 27.5 | 39~27.5           |
| AW8-5 | 2.2   | 3   |             | 51   | 49.5 | 47.5 | 45 | 42.5 | 39.5 | 36   | 51~36             |

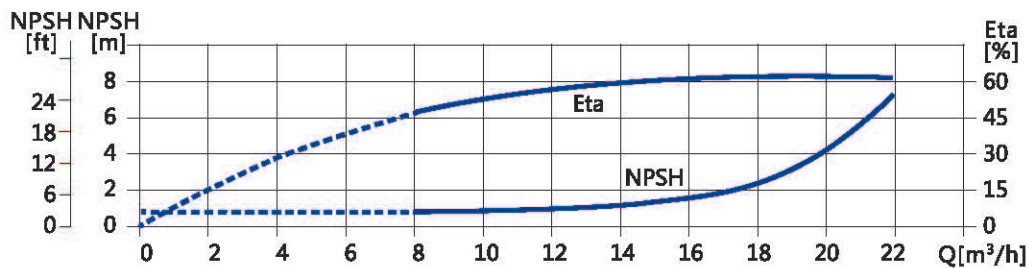
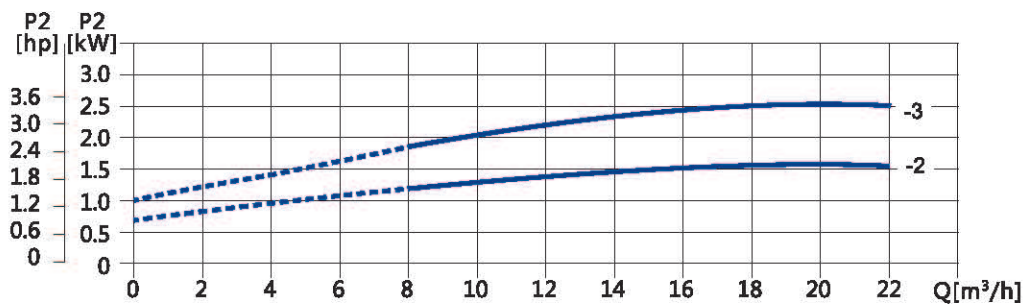
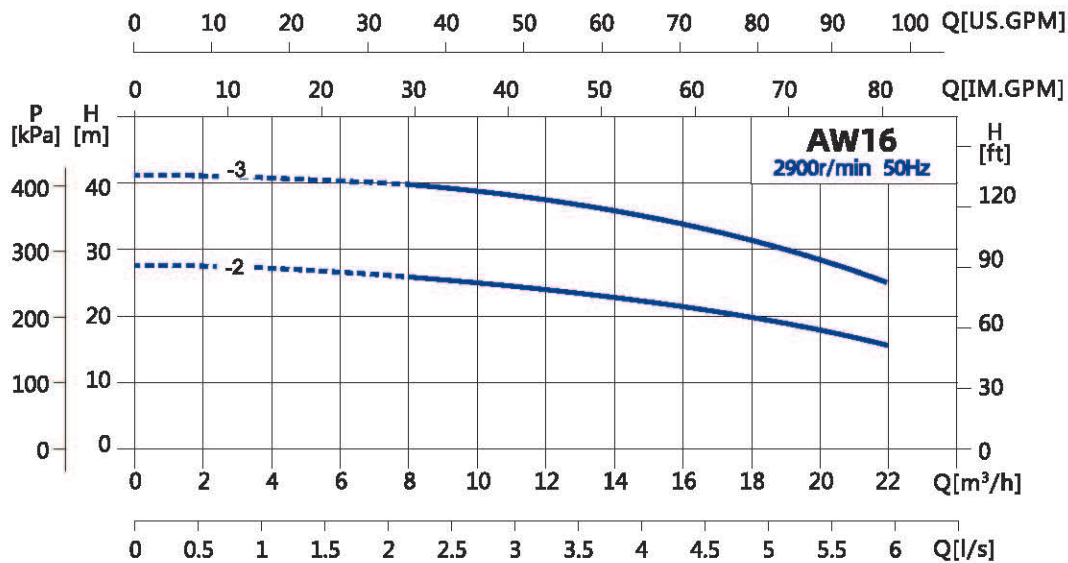


## Performance Details-AW12



| Model  | Power |     | Q<br>(m³/h) | 7    | 8  | 10 | 12   | 14 | 15 | 16 | Head Range<br>(m) |
|--------|-------|-----|-------------|------|----|----|------|----|----|----|-------------------|
|        | kW    | HP  |             |      |    |    |      |    |    |    |                   |
| AW12-2 | 1.2   | 1.6 | H(m)        | 23.5 | 23 | 22 | 19.5 | 17 | 15 | 14 | 23.5~14           |
| AW12-3 | 1.8   | 2.4 |             | 35.5 | 35 | 33 | 29.5 | 26 | 23 | 21 | 35.5~21           |
| AW12-4 | 2.4   | 3.2 |             | 47   | 46 | 44 | 39.5 | 34 | 31 | 28 | 47~28             |
| AW12-5 | 3     | 4.0 |             | 59.5 | 58 | 55 | 50   | 43 | 39 | 35 | 59.5~35           |

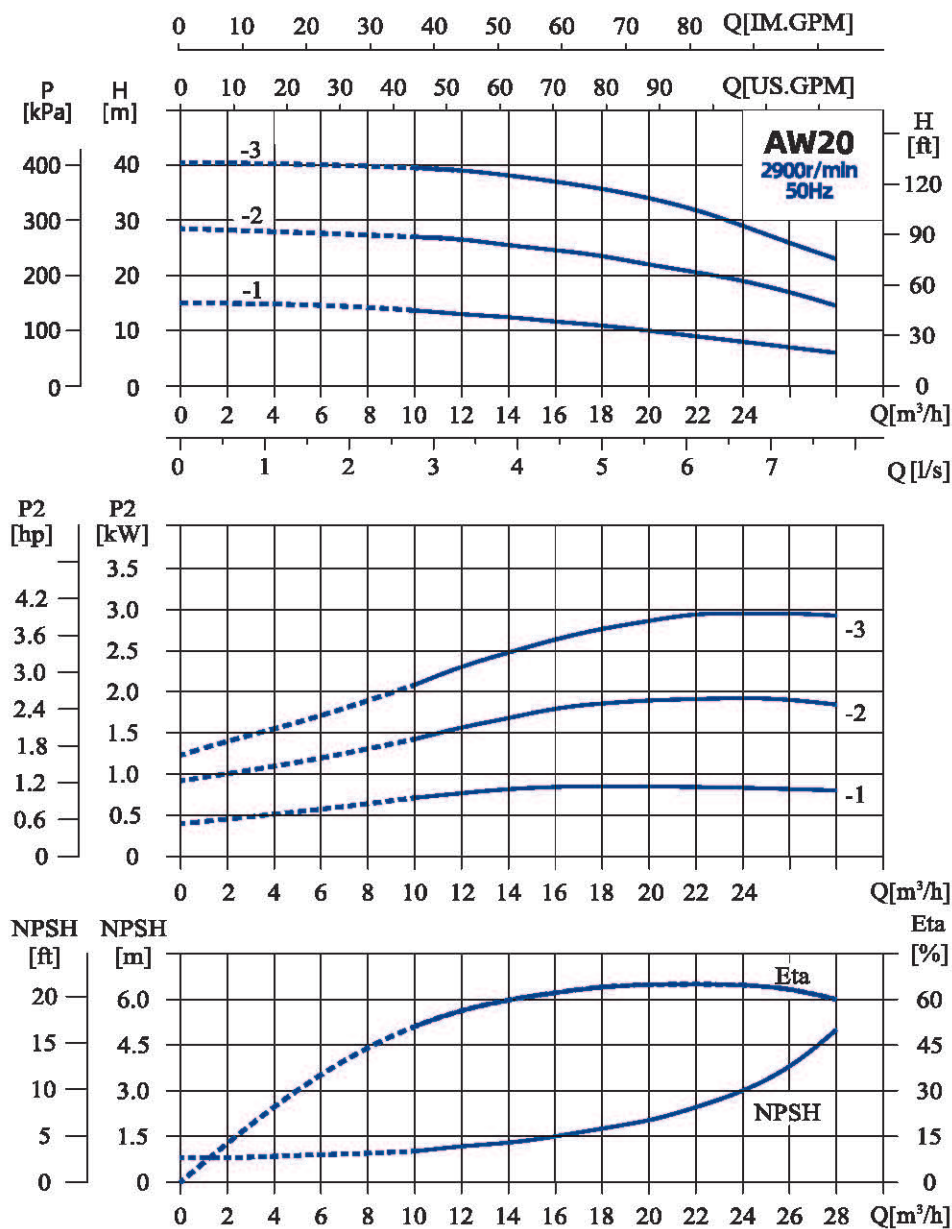
## Performance Details-AW16



It is recommended to be used within lift range.

| Model  | Power |    | Q<br>(m³/h) | 8  | 10 | 12 | 14 | 16   | 18   | 20 | 22   | Head Range<br>(m) |
|--------|-------|----|-------------|----|----|----|----|------|------|----|------|-------------------|
|        | kW    | HP |             |    |    |    |    |      |      |    |      |                   |
| AW16-2 | 2.2   | 3  | H(m)        | 26 | 25 | 24 | 23 | 21.7 | 20   | 18 | 15.5 | 26~15.5           |
| AW16-3 | 3     | 4  |             | 40 | 39 | 38 | 36 | 34   | 31.5 | 29 | 25   | 40~25             |

## Performance Details-AW20

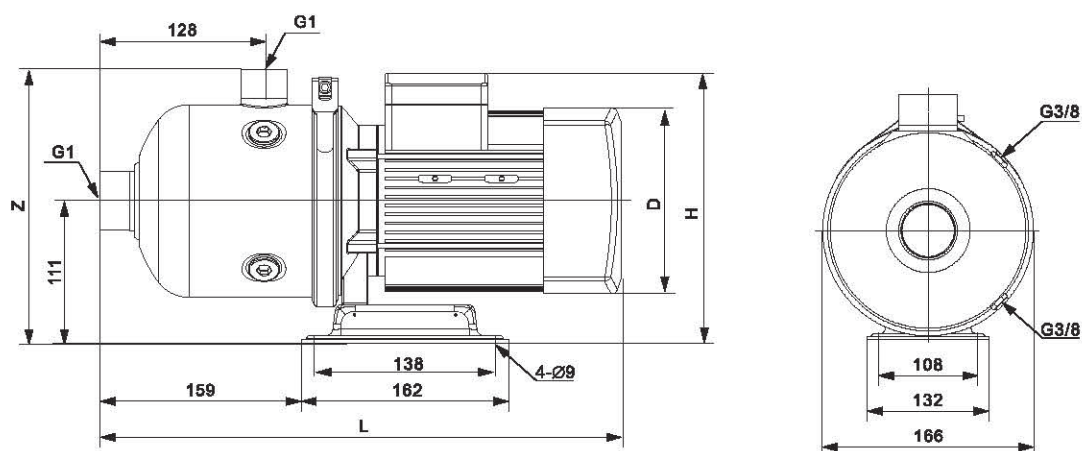


It is recommended to be used within lift range.

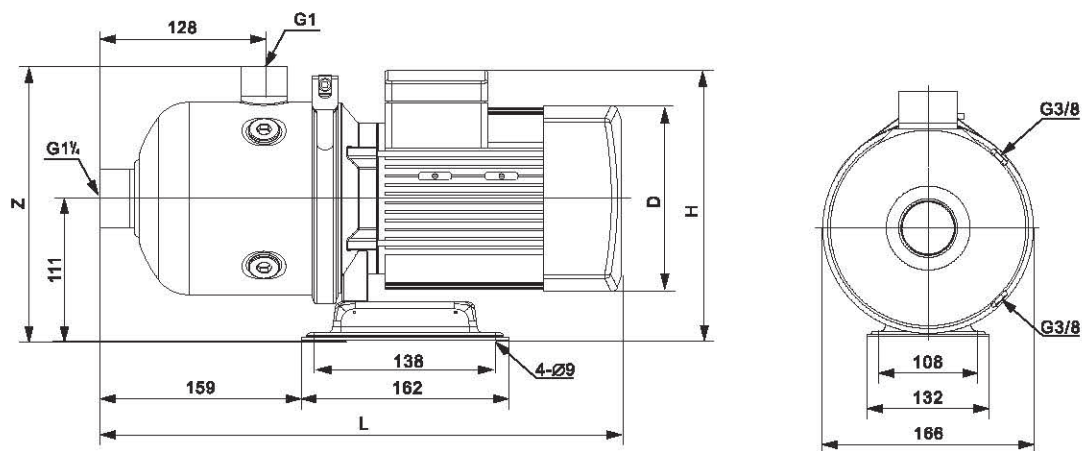
| Model  | Power |     | Q<br>(m³/h) | 10   | 12   | 14   | 16   | 18   | 20 | 22   | 24   | 26 | 28   | Head Range<br>(m) |
|--------|-------|-----|-------------|------|------|------|------|------|----|------|------|----|------|-------------------|
|        | kW    | HP  |             |      |      |      |      |      |    |      |      |    |      |                   |
| AW20-1 | 1.1   | 1.5 | H(m)        | 13.5 | 13   | 12.5 | 12   | 11   | 10 | 9    | 8    | 7  | 6    | 13.5~6            |
| AW20-2 | 2.2   | 3   |             | 27   | 26.5 | 25.5 | 25   | 23.5 | 22 | 20.5 | 18.5 | 17 | 14.5 | 27~14.5           |
| AW20-3 | 3.5   | 4.7 |             | 39.5 | 39   | 38   | 37.5 | 35.5 | 34 | 31.5 | 29   | 26 | 23   | 39.5~23           |



## Dimensions & Weight

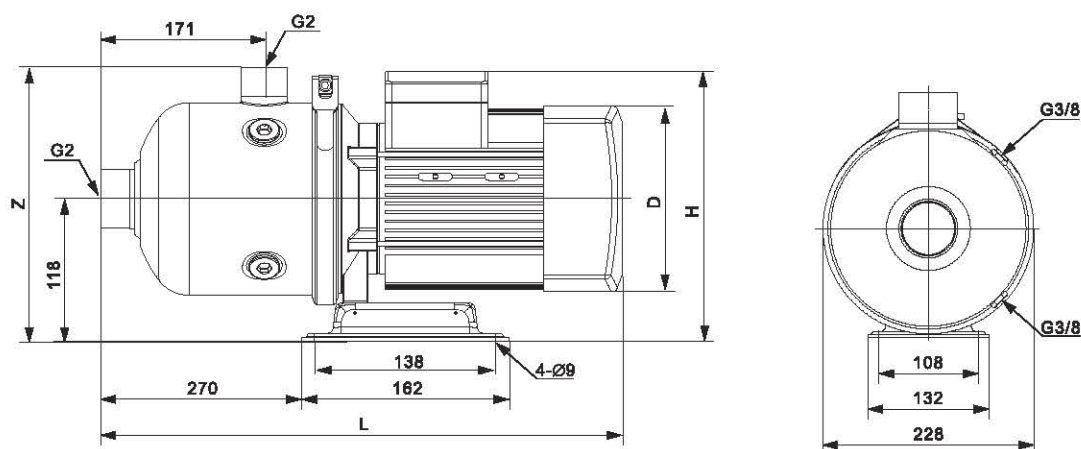


| Model | L(mm) | Z(mm) | H(mm) | D(mm) | Weight (kg) |
|-------|-------|-------|-------|-------|-------------|
| AW2-2 | 403   | 214   | 215   | 140   | 9.5         |
| AW2-3 | 403   | 214   | 215   | 140   | 10          |
| AW2-4 | 403   | 214   | 215   | 140   | 11          |
| AW2-5 | 403   | 214   | 215   | 140   | 11          |
| AW2-6 | 424   | 215   | 224   | 158   | 13.5        |

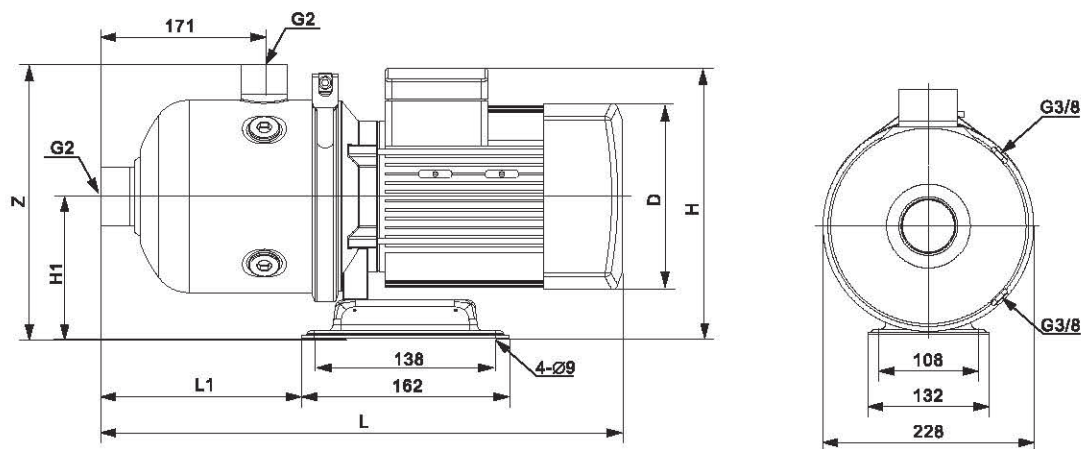


| Model | L(mm) | Z(mm) | H(mm) | D(mm) | Weight (kg) |
|-------|-------|-------|-------|-------|-------------|
| AW4-2 | 403   | 214   | 215   | 140   | 9.5         |
| AW4-3 | 403   | 214   | 215   | 140   | 11          |
| AW4-4 | 424   | 215   | 224   | 158   | 13          |

## Dimensions & Weight

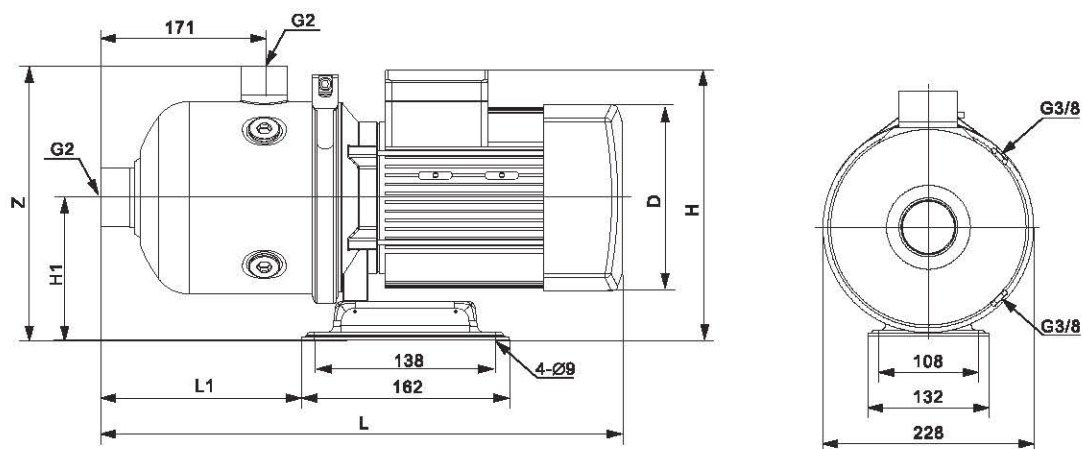


| Model | L(mm) | Z(mm) | H(mm) | D(mm) | Weight (kg) |
|-------|-------|-------|-------|-------|-------------|
| AW8-2 | 536   | 266   | 229   | 158   | 15.5        |
| AW8-3 | 536   | 266   | 229   | 158   | 17.5        |
| AW8-4 | 574   | 266   | 232   | 168   | 21          |
| AW8-5 | 574   | 266   | 232   | 168   | 24          |

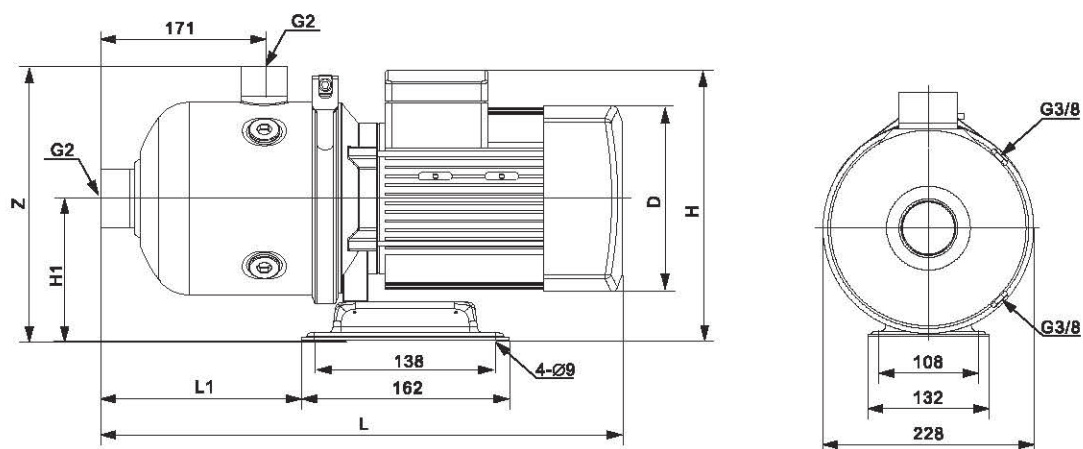


| Model  | L(mm) | L1(mm) | Z(mm) | H1(mm) | H(mm) | D(mm) | Weight (kg) |
|--------|-------|--------|-------|--------|-------|-------|-------------|
| AW12-2 | 536   | 270    | 266   | 118    | 229   | 158   | 19          |
| AW12-3 | 574   | 270    | 266   | 118    | 232   | 168   | 22          |
| AW12-4 | 574   | 270    | 266   | 118    | 232   | 168   | 25          |
| AW12-5 | 603   | 258    | 278   | 130    | 259   | 196   | 29          |

## Dimensions & Weight

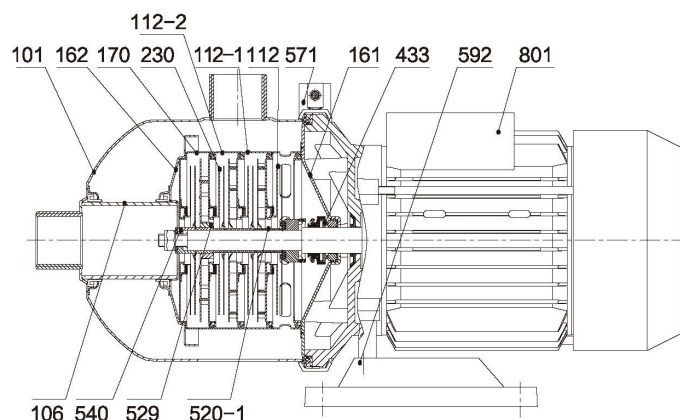


| Model  | L(mm) | L1(mm) | Z(mm) | H1(mm) | H(mm) | D(mm) | Weight (kg) |
|--------|-------|--------|-------|--------|-------|-------|-------------|
| AW16-2 | 574   | 270    | 266   | 118    | 232   | 168   | 22          |
| AW16-3 | 603   | 258    | 278   | 130    | 259   | 196   | 28          |



| Model  | L(mm) | L1(mm) | Z(mm) | H1(mm) | H(mm) | D(mm) | Weight (kg) |
|--------|-------|--------|-------|--------|-------|-------|-------------|
| AW20-1 | 536   | 270    | 266   | 118    | 229   | 158   | 17          |
| AW20-2 | 574   | 270    | 266   | 118    | 232   | 168   | 22          |
| AW20-3 | 603   | 258    | 278   | 130    | 259   | 196   | 32          |

## Components & Materials

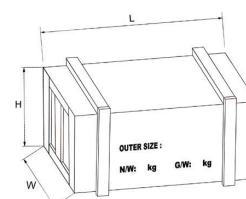
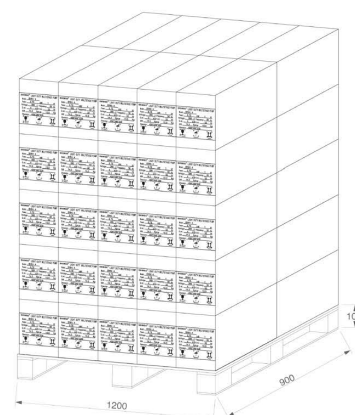


| No.   | Component                  | Material                             |
|-------|----------------------------|--------------------------------------|
| 101   | Pressure cylinder assembly | 304                                  |
| 106   | Connecting pipe            | 304                                  |
| 112   | Outlet chamber             | 304                                  |
| 112-1 | Chamber                    | 304                                  |
| 112-2 | Chamber with bearing ring  | 304                                  |
| 161   | Pump cover                 | 304                                  |
| 162   | Pressing plate assembly    | 304                                  |
| 170   | Inlet chamber              | 304                                  |
| 230   | impeller                   | 304                                  |
| 433   | Shaft seal                 | Assembly                             |
| 520-1 | Oblong sleeve              | 304                                  |
| 529   | Bearing inner race         | YN20                                 |
| 540   | bushing                    | 304                                  |
| 571   | Hoop assembly              | 304                                  |
| 592   | Base plate                 | Q235A                                |
| 801   | electric machinery         | Horizontal motor<br>(extended shaft) |

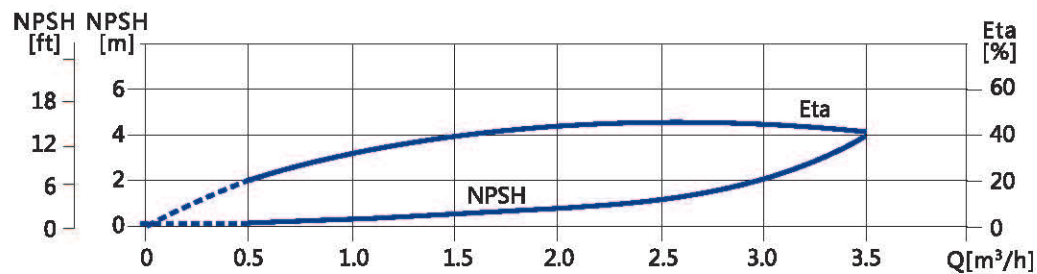
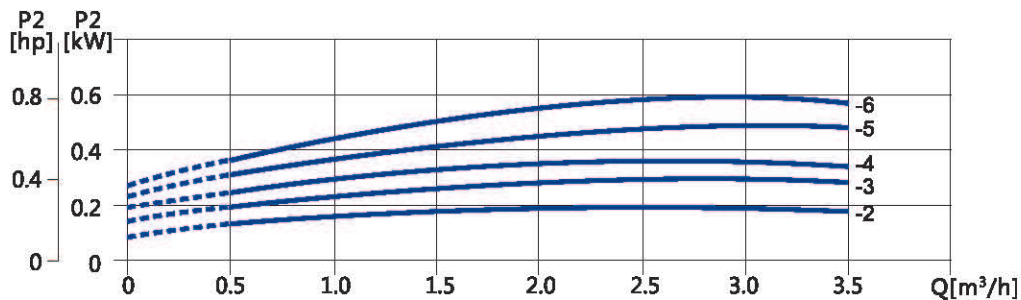
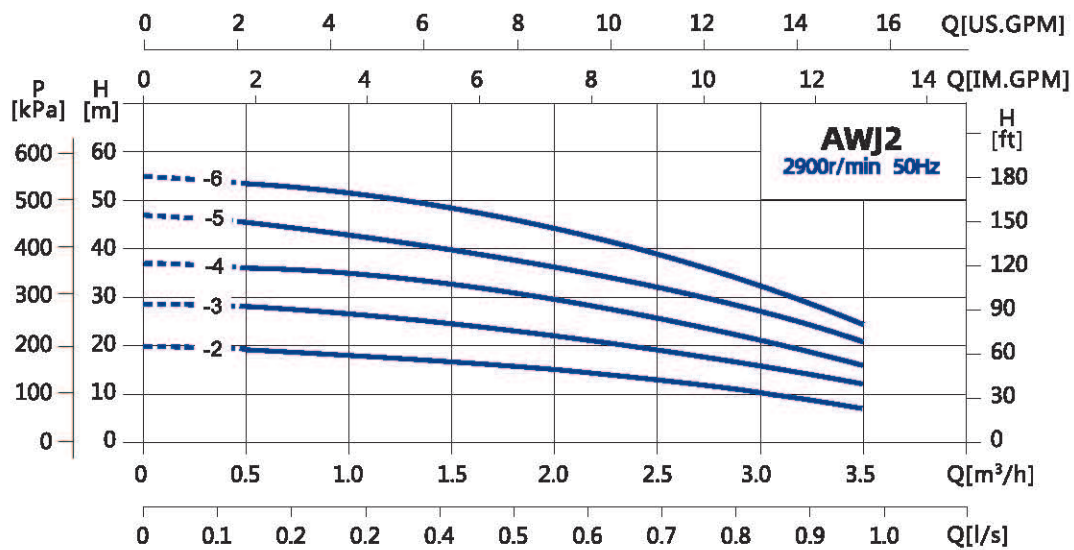
## Packing Sizes & Weight

| Model | Dim.(mm) |     |     | G.W.<br>(kg) |
|-------|----------|-----|-----|--------------|
|       | L        | W   | H   |              |
| AW2-2 | 450      | 245 | 305 | 10.5         |
| AW2-3 | 450      | 245 | 305 | 11           |
| AW2-4 | 450      | 245 | 305 | 12           |
| AW2-5 | 450      | 245 | 305 | 12           |
| AW2-6 | 450      | 245 | 305 | 14.5         |
| AW4-2 | 450      | 245 | 305 | 10.5         |
| AW4-3 | 450      | 245 | 305 | 12           |
| AW4-4 | 450      | 245 | 305 | 14           |
| AW8-2 | 635      | 280 | 330 | 17.5         |
| AW8-3 | 635      | 280 | 330 | 19.5         |
| AW8-4 | 635      | 280 | 330 | 23           |
| AW8-5 | 635      | 280 | 330 | 26           |

| Model  | Dim.(mm) |     |     | G.W.<br>(kg) |
|--------|----------|-----|-----|--------------|
|        | L        | W   | H   |              |
| AW12-2 | 635      | 280 | 330 | 21           |
| AW12-3 | 635      | 280 | 330 | 24           |
| AW12-4 | 635      | 280 | 330 | 27           |
| AW12-5 | 635      | 280 | 330 | 31           |
| AW16-2 | 635      | 280 | 330 | 24           |
| AW16-3 | 635      | 280 | 330 | 30           |
| AW20-1 | 635      | 280 | 330 | 19           |
| AW20-2 | 635      | 280 | 330 | 24           |
| AW20-3 | 635      | 280 | 330 | 34           |



## Performance Details-AWJ2

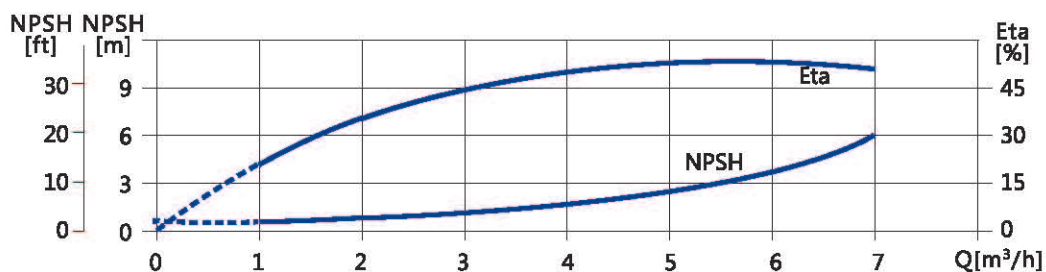
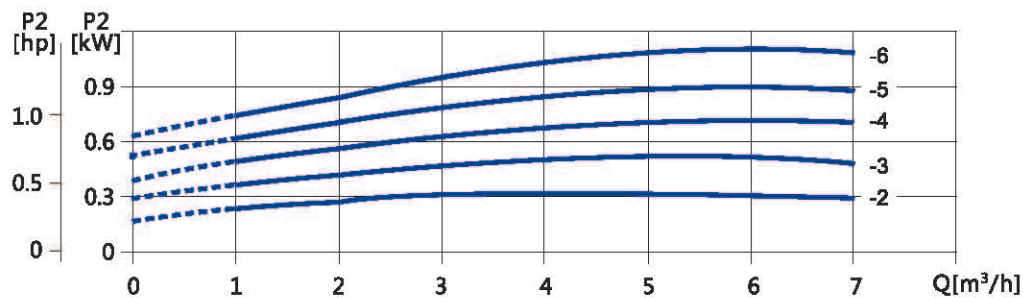
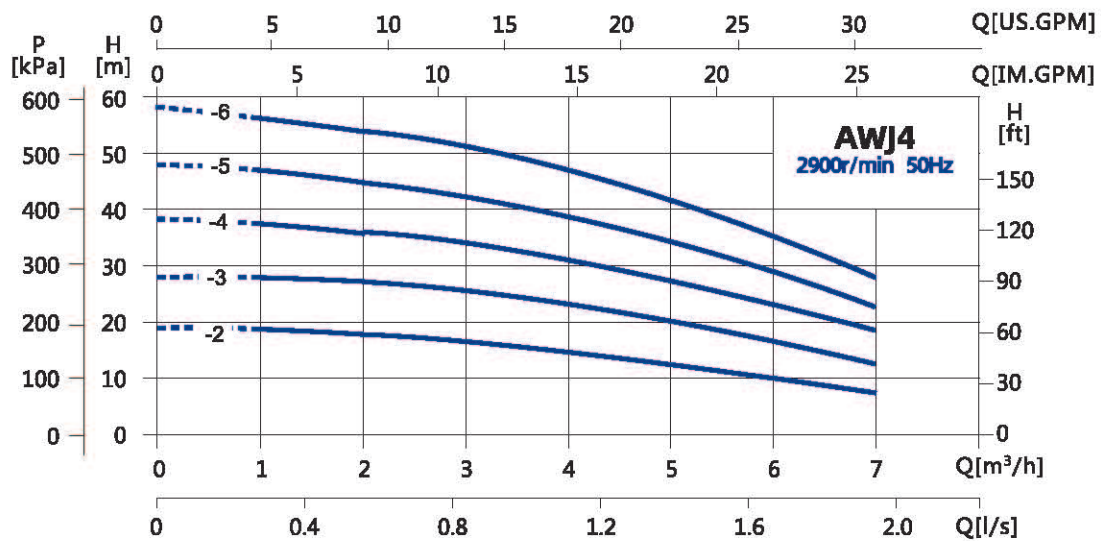


It is recommended to be used within lift range.

| Model  | Power |      | Q<br>(m³/h) | 0.5  | 1.0  | 1.5  | 2.0 | 2.5  | 3.0  | 3.5  | Head Range<br>(m) |
|--------|-------|------|-------------|------|------|------|-----|------|------|------|-------------------|
|        | kW    | HP   |             |      |      |      |     |      |      |      |                   |
| AWJ2-2 | 0.37  | 0.5  | H(m)        | 19   | 18   | 16.5 | 15  | 13   | 10   | 7.5  | 19~7.5            |
| AWJ2-3 | 0.37  | 0.5  |             | 28   | 26.5 | 24.5 | 22  | 19   | 15.5 | 12   | 28~12             |
| AWJ2-4 | 0.55  | 0.75 |             | 36   | 34.5 | 33   | 29  | 25   | 20.5 | 16   | 36~16             |
| AWJ2-5 | 0.55  | 0.75 |             | 45.5 | 43   | 40   | 36  | 31.5 | 26.5 | 20.5 | 45.5~20.5         |
| AWJ2-6 | 0.75  | 1    |             | 53.5 | 51   | 48   | 44  | 39   | 32   | 24   | 53.5~24           |



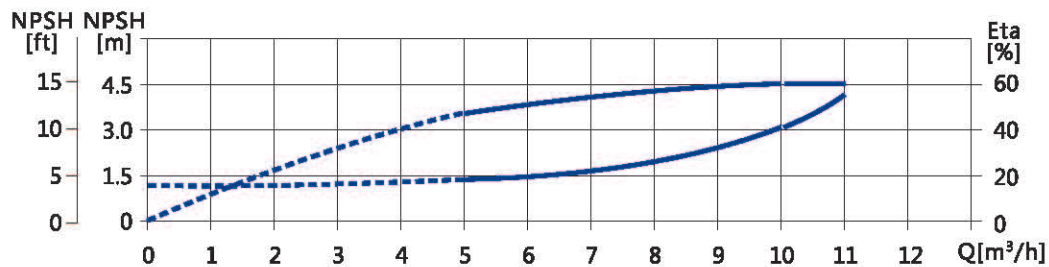
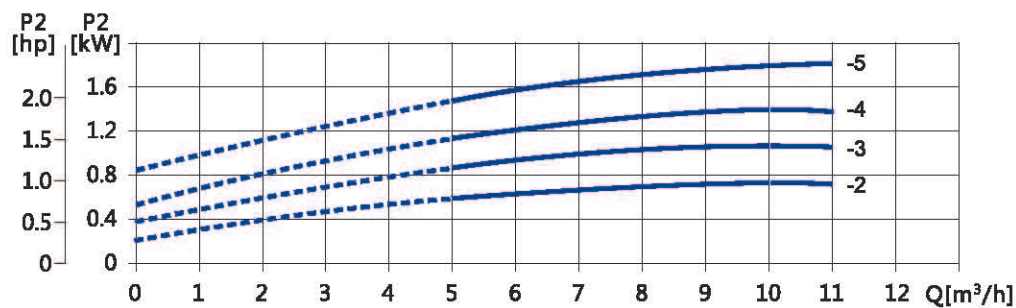
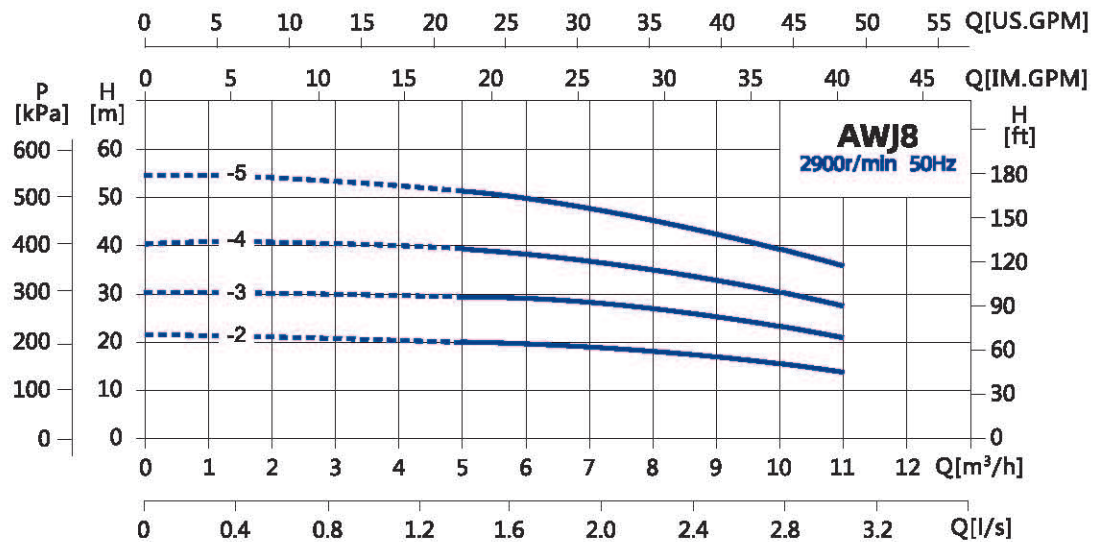
## Performance Details-AWJ4



It is recommended to be used within lift range.

| Model  | Power |      | Q<br>(m³/h) | 1    | 2  | 3    | 4    | 5    | 6    | 7  | Head Range<br>(m) |
|--------|-------|------|-------------|------|----|------|------|------|------|----|-------------------|
|        | kW    | HP   |             |      |    |      |      |      |      |    |                   |
| AWJ4-2 | 0.37  | 0.5  | H(m)        | 19   | 18 | 17   | 15   | 12.5 | 10   | 8  | 19~8              |
| AWJ4-3 | 0.55  | 0.75 |             | 28   | 27 | 26   | 23.5 | 20.5 | 17   | 13 | 28~13             |
| AWJ4-4 | 0.75  | 1    |             | 37.5 | 36 | 34   | 31   | 27   | 23   | 19 | 37.5~19           |
| AWJ4-5 | 1.1   | 1.5  |             | 47   | 45 | 42.5 | 39   | 34   | 29   | 23 | 47~23             |
| AWJ4-6 | 1.1   | 1.5  |             | 56   | 54 | 51   | 47   | 41.5 | 35.5 | 28 | 56~28             |

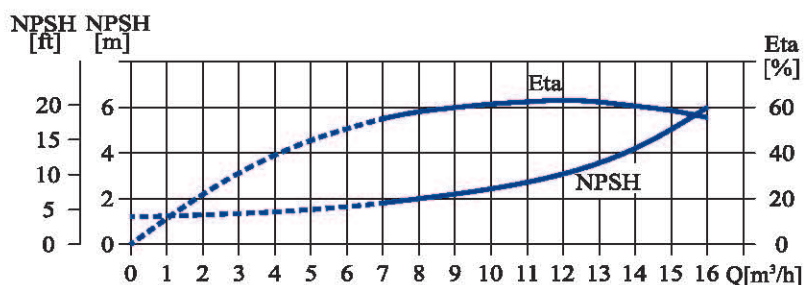
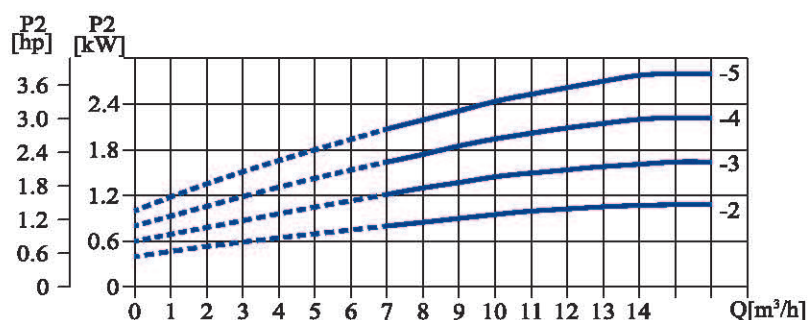
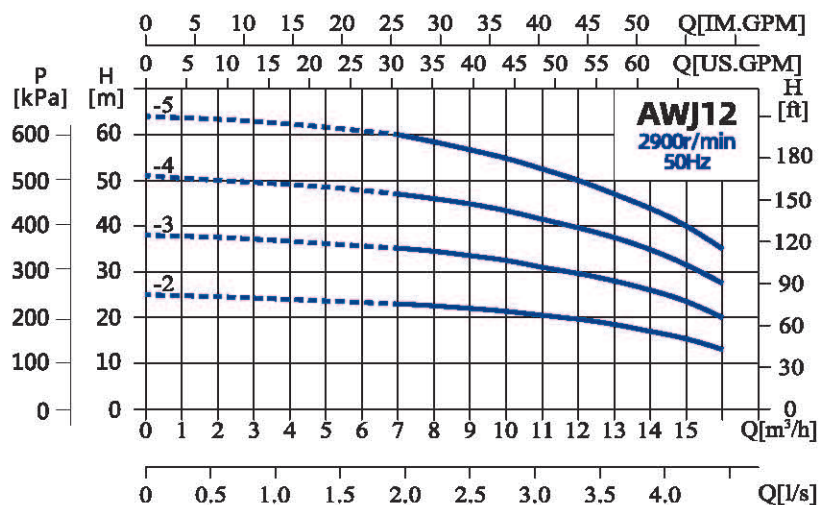
## Performance Details-AWJ8



It is recommended to be used within lift range.

| Model  | Power |     | Q<br>(m³/h) | 5    | 6    | 7    | 8  | 9    | 10   | 11   | Head Range<br>(m) |
|--------|-------|-----|-------------|------|------|------|----|------|------|------|-------------------|
|        | kW    | HP  |             |      |      |      |    |      |      |      |                   |
| AWJ8-2 | 0.75  | 1   | H(m)        | 20   | 19.5 | 19   | 18 | 17   | 15.5 | 14   | 20~14             |
| AWJ8-3 | 1.1   | 1.5 |             | 29.5 | 29   | 28   | 27 | 25   | 23   | 21   | 29.5~21           |
| AWJ8-4 | 1.5   | 2   |             | 39   | 38   | 37   | 35 | 33   | 30.5 | 27.5 | 39~27.5           |
| AWJ8-5 | 2.2   | 3   |             | 51   | 49.5 | 47.5 | 45 | 42.5 | 39.5 | 36   | 51~36             |

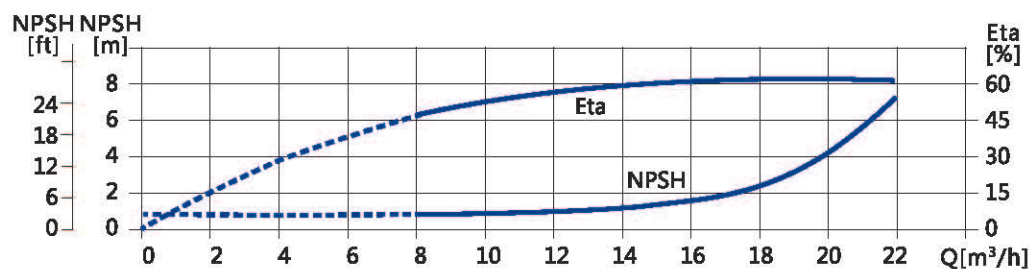
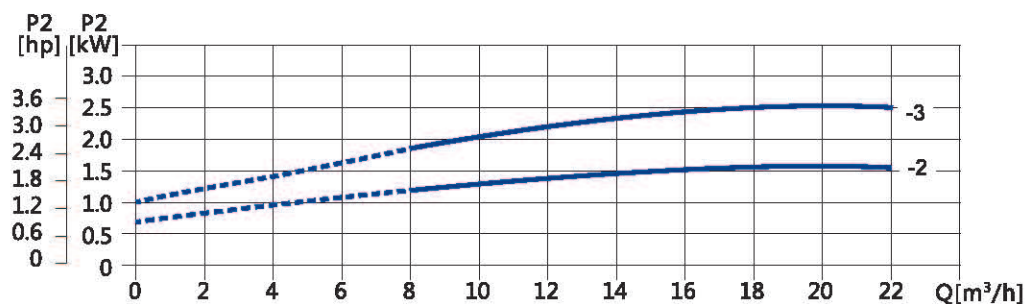
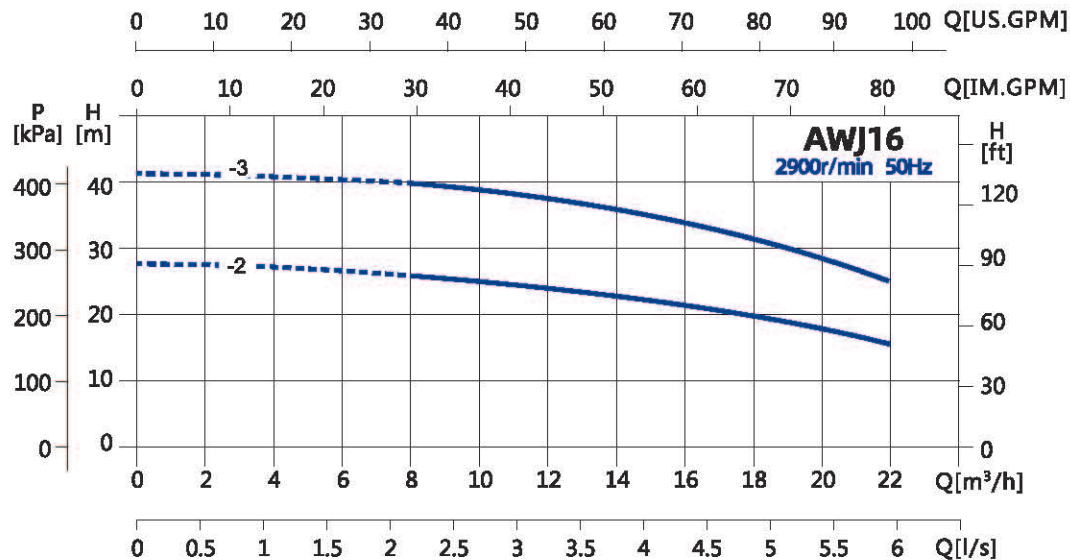
## Performance Details-AWJ12



It is recommended to be used within lift range.

| Model   | Power |     | Q<br>(m³/h) | 7    | 8  | 10 | 12   | 14 | 15 | 16 | Head Range<br>(m) |
|---------|-------|-----|-------------|------|----|----|------|----|----|----|-------------------|
|         | kW    | HP  |             |      |    |    |      |    |    |    |                   |
| AWJ12-2 | 1.2   | 1.6 | H(m)        | 23.5 | 23 | 22 | 19.5 | 17 | 15 | 14 | 23.5~14           |
| AWJ12-3 | 1.8   | 2.4 |             | 35.5 | 35 | 33 | 29.5 | 26 | 23 | 21 | 35.5~21           |
| AWJ12-4 | 2.4   | 3.2 |             | 47   | 46 | 44 | 39.5 | 34 | 31 | 28 | 47~28             |
| AWJ12-5 | 3     | 4.0 |             | 59.5 | 58 | 55 | 50   | 43 | 39 | 35 | 59.5~35           |

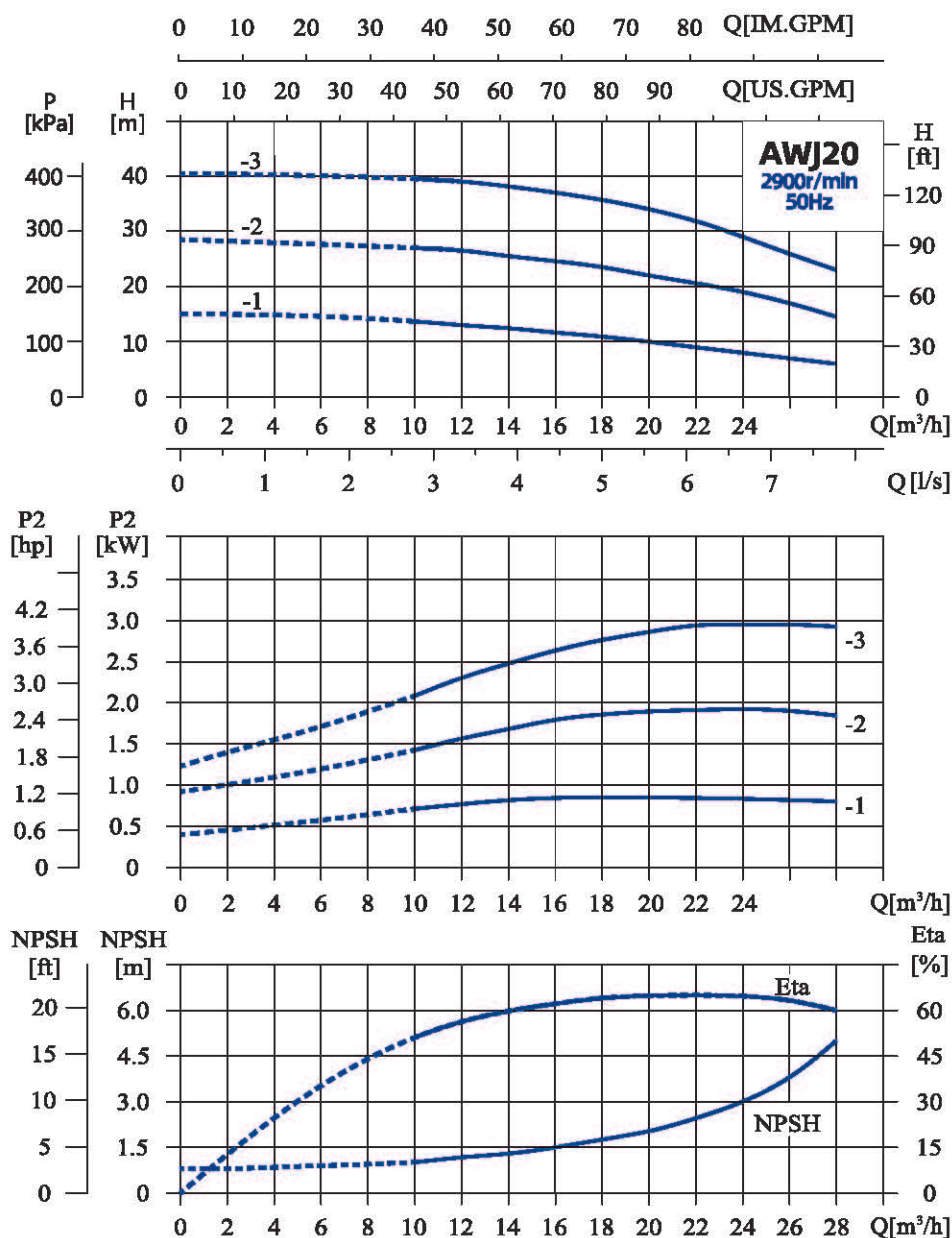
## Performance Details-AWJ16



It is recommended to be used within lift range.

| Model   | Power |    | Q<br>(m³/h) | 8  | 10 | 12 | 14 | 16   | 18   | 20 | 22   | Head Range<br>(m) |
|---------|-------|----|-------------|----|----|----|----|------|------|----|------|-------------------|
|         | kW    | HP |             |    |    |    |    |      |      |    |      |                   |
| AWJ16-2 | 2.2   | 3  | H(m)        | 26 | 25 | 24 | 23 | 21.7 | 20   | 18 | 15.5 | 26~15.5           |
| AWJ16-3 | 3     | 4  |             | 40 | 39 | 38 | 36 | 34   | 31.5 | 29 | 25   | 40~25             |

## Performance Details-AWJ20

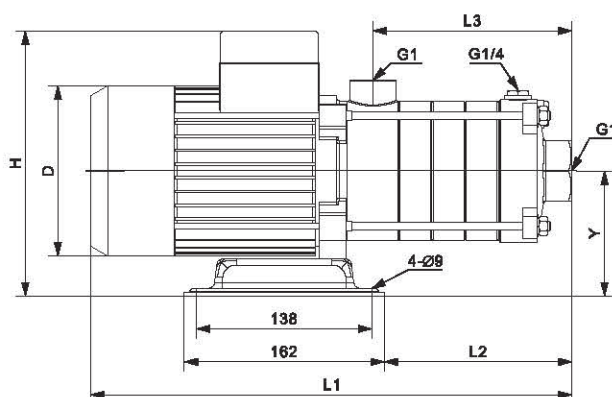
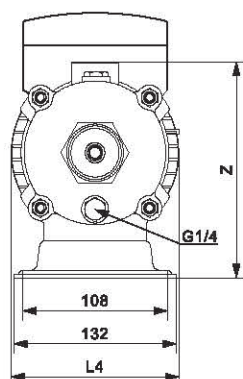


It is recommended to be used within lift range.

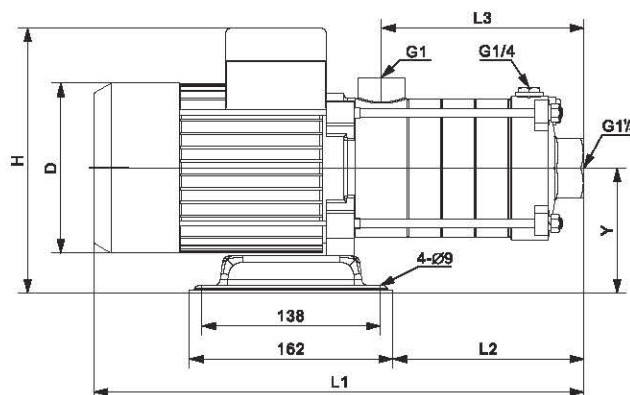
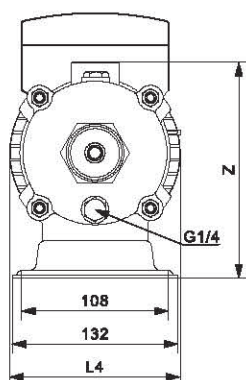
| Model   | Power |     | Q<br>(m³/h) | 10   | 12   | 14   | 16   | 18   | 20 | 22   | 24   | 26 | 28   | Head<br>Range<br>(m) |
|---------|-------|-----|-------------|------|------|------|------|------|----|------|------|----|------|----------------------|
|         | kW    | HP  |             |      |      |      |      |      |    |      |      |    |      |                      |
| AWJ20-1 | 1.1   | 1.5 | H(m)        | 13.5 | 13   | 12.5 | 12   | 11   | 10 | 9    | 8    | 7  | 6    | 13.5~6               |
| AWJ20-2 | 2.2   | 3   |             | 27   | 26.5 | 25.5 | 25   | 23.5 | 22 | 20.5 | 18.5 | 17 | 14.5 | 27~14.5              |
| AWJ20-3 | 3.5   | 4.7 |             | 39.5 | 39   | 38   | 37.5 | 35.5 | 34 | 31.5 | 29   | 26 | 23   | 39.5~23              |



## Dimensions & Weight

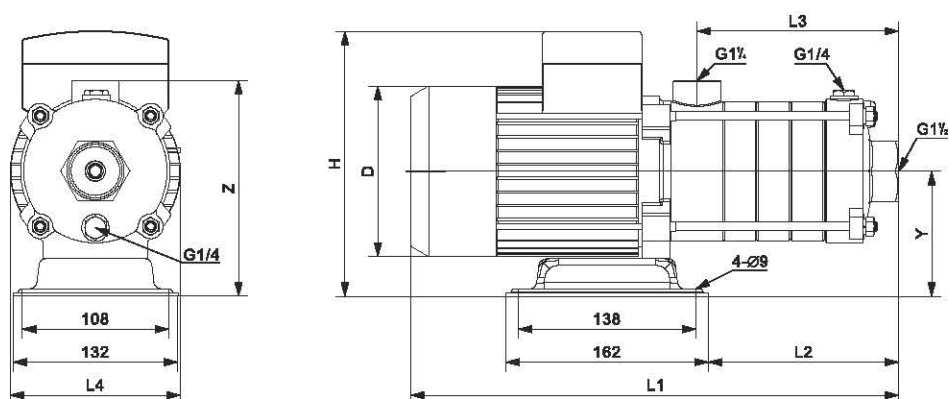


| Model  | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|--------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ2-2 | 321    | 79     | 173   | 100   | 87     | 203   | 140   | 140    | 9.5         |
| AWJ2-3 | 339    | 97     | 173   | 100   | 105    | 203   | 140   | 140    | 10          |
| AWJ2-4 | 357    | 115    | 173   | 100   | 123    | 203   | 140   | 140    | 10.5        |
| AWJ2-5 | 375    | 133    | 173   | 100   | 141    | 203   | 140   | 140    | 10.5        |
| AWJ2-6 | 440    | 158    | 183   | 110   | 159    | 223   | 158   | 158    | 13          |

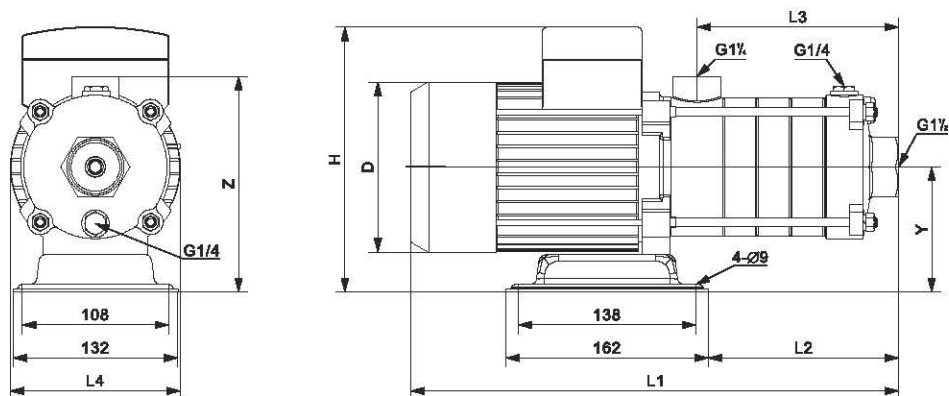


| Model  | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|--------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ4-2 | 340    | 98     | 173   | 100   | 106    | 203   | 140   | 140    | 9.5         |
| AWJ4-3 | 367    | 125    | 173   | 100   | 133    | 203   | 140   | 140    | 10.5        |
| AWJ4-4 | 441    | 159    | 183   | 110   | 160    | 223   | 158   | 158    | 13          |
| AWJ4-5 | 469    | 187    | 184   | 111   | 188    | 223   | 158   | 158    | 14.5        |
| AWJ4-6 | 496    | 214    | 184   | 111   | 215    | 223   | 158   | 158    | 15          |

## Dimensions & Weight

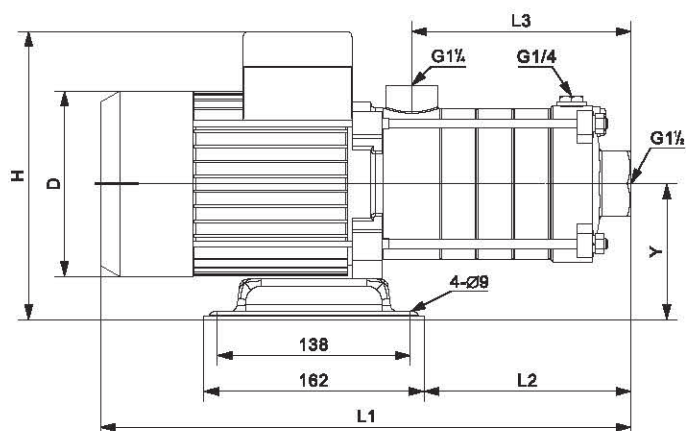
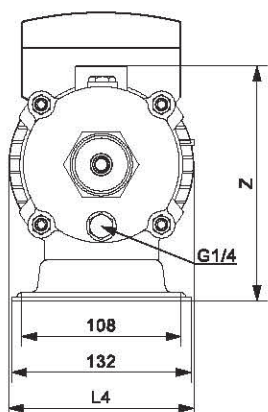


| Model  | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|--------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ8-2 | 405    | 120    | 223   | 118   | 108    | 230   | 158   | 158    | 16.5        |
| AWJ8-3 | 437    | 152    | 223   | 118   | 140    | 230   | 158   | 158    | 18.5        |
| AWJ8-4 | 492    | 183    | 223   | 118   | 172    | 232   | 168   | 168    | 21          |
| AWJ8-5 | 524    | 215    | 223   | 118   | 204    | 232   | 168   | 168    | 24          |

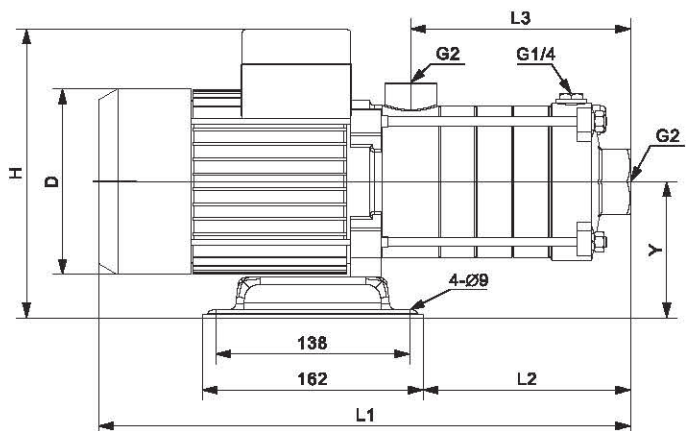
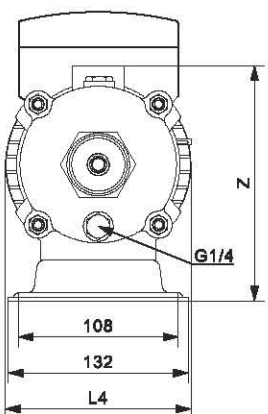


| Model   | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|---------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ12-2 | 405    | 120    | 223   | 118   | 108    | 230   | 158   | 158    | 16.5        |
| AWJ12-3 | 460    | 151    | 223   | 118   | 140    | 232   | 168   | 168    | 21          |
| AWJ12-4 | 492    | 183    | 223   | 118   | 172    | 232   | 168   | 168    | 28          |
| AWJ12-5 | 556    | 209    | 235   | 130   | 204    | 262   | 196   | 196    | 30          |

## Dimensions & Weight

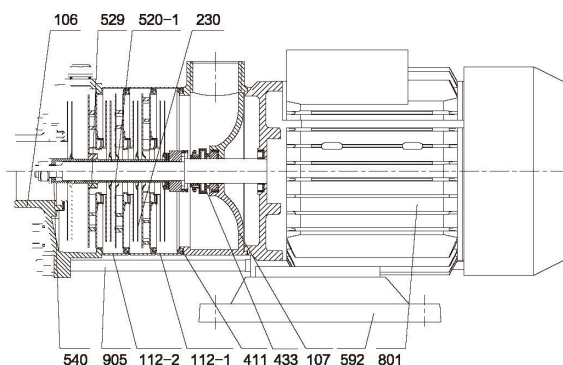


| Model   | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|---------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ16-2 | 441    | 132    | 223   | 118   | 121    | 232   | 168   | 168    | 21          |
| AWJ16-3 | 518    | 213    | 235   | 130   | 166    | 262   | 196   | 196    | 28          |



| Model   | L1(mm) | L2(mm) | Z(mm) | Y(mm) | L3(mm) | H(mm) | D(mm) | L4(mm) | Weight (kg) |
|---------|--------|--------|-------|-------|--------|-------|-------|--------|-------------|
| AWJ20-1 | 391    | 106    | 223   | 118   | 85     | 230   | 158   | 158    | 16          |
| AWJ20-2 | 459    | 150    | 223   | 118   | 130    | 232   | 168   | 168    | 21          |
| AWJ20-3 | 536    | 189    | 235   | 130   | 175    | 262   | 196   | 196    | 33          |

## Components & Materials



| No.   | Component                 | Material                          |
|-------|---------------------------|-----------------------------------|
| 106   | Water inlet shell         | 304                               |
| 107   | Water outlet shell        | 304                               |
| 112-1 | Chamber                   | 304                               |
| 112-2 | Chamber with bearing ring | 304                               |
| 230   | Impeller                  | 304                               |
| 411   | Sealing washer            | Rubber, highland barley paper     |
| 433   | Shaft seal                | Assembly                          |
| 520-1 | Oblong sleeve             | 304                               |
| 529   | Bearing ring              | YN20                              |
| 540   | Bush                      | 304                               |
| 592   | Base plate                | Q235A                             |
| 801   | Electric machinery        | Horizontal motor (extended shaft) |
| 905   | Pull rod                  | 45 # chrome plating               |

## Packing Sizes & Weight

| AWJ     |          |     |     |          |
|---------|----------|-----|-----|----------|
| Model   | Dim.(mm) |     |     | G.W.(kg) |
|         | L        | W   | H   |          |
| AWJ2-2  | 390      | 245 | 305 | 10.5     |
| AWJ2-3  | 390      | 245 | 305 | 11       |
| AWJ2-4  | 390      | 245 | 305 | 11.5     |
| AWJ2-5  | 390      | 245 | 305 | 11.5     |
| AWJ2-6  | 550      | 245 | 305 | 14       |
| AWJ4-2  | 390      | 245 | 305 | 10.5     |
| AWJ4-3  | 390      | 245 | 305 | 11.5     |
| AWJ4-4  | 550      | 245 | 305 | 14       |
| AWJ4-5  | 550      | 245 | 305 | 15.5     |
| AWJ4-6  | 550      | 245 | 305 | 16       |
| AWJ8-2  | 635      | 280 | 330 | 18       |
| AWJ8-3  | 635      | 280 | 330 | 20       |
| AWJ8-4  | 635      | 280 | 330 | 23       |
| AWJ8-5  | 635      | 280 | 330 | 26       |
| AWJ12-2 | 635      | 280 | 330 | 18       |
| AWJ12-3 | 635      | 280 | 330 | 23       |
| AWJ12-4 | 635      | 280 | 330 | 30       |
| AWJ12-5 | 635      | 280 | 330 | 31       |
| AWJ16-2 | 635      | 280 | 330 | 22       |
| AWJ16-3 | 635      | 280 | 330 | 30       |
| AWJ20-1 | 635      | 280 | 330 | 18       |
| AWJ20-2 | 635      | 280 | 330 | 23       |
| AWJ20-3 | 635      | 280 | 330 | 34       |

