

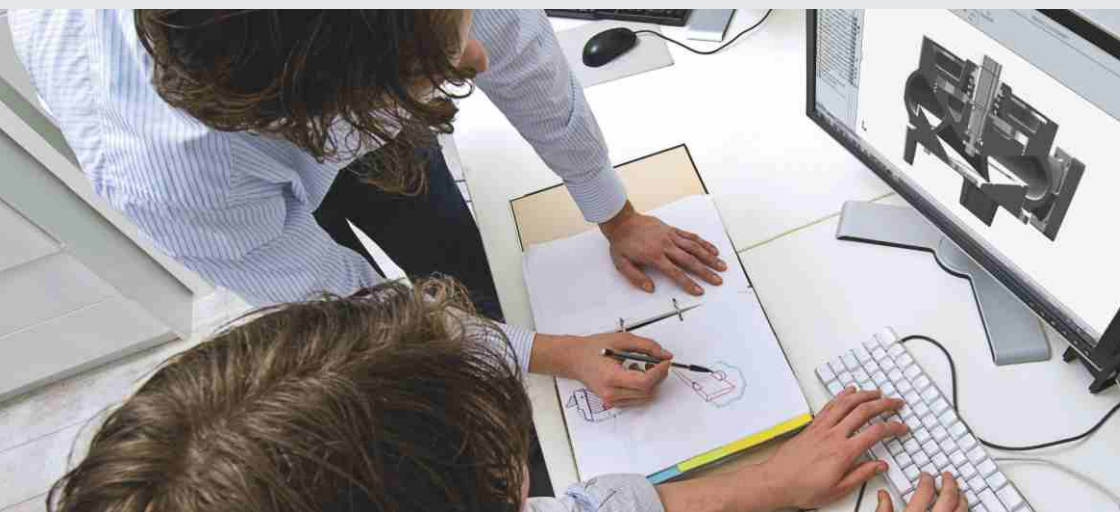
**CENTRIFUGAL MONOBLOCK  
PUMPS  
FCTSS SERIES - 50Hz**



**Zirantec**



[www.zirantec.com](http://www.zirantec.com)



ZIRANTEC products are designed & manufactured by well qualified and experienced Engineers in state of the art manufacturing facilities

## CERTIFICATION



**ZIRANTEC** Pumps & Motors are from the house of **Fabbrica Italiana Pompe Sommergibili S.r.l.** a four decades old Italian company of high repute, offering complete waste water solutions around the world. Its current product portfolio includes world class Waste Water Pumps of various types, Multistage Centrifugal Pressure Booster Pumps, Borehole Submersible Pumps & Motors, End Suction Centrifugal Pumps, Industrial Pumps for various applications.

Founded as early as 1978 in Rozzano, South of Milan, Italy by Mr.Orfeo Agostini, the company has witnessed steady growth and market expansion continuously ever since. In these four decades of existence, the company has carved a niche for itself in the waste water and sewage pump market in Italy and other countries. Its products are employed in Municipal, Domestic and Industrial applications. The Company is well known for the unique and robust designs of its products and their workmanship. Due to its superior quality ZIRANTEC products are also exported to many European, African and Asian countries.

ZIRANTEC's products are designed and manufactured to meet high quality Standards and they are 'CE' certified. The Facility is accredited with ISO 9001 Certification.

Over the years, the company has metamorphosed and ventured into manufacturing of high quality water pumps, for domestic, agricultural and industrial applications. In the due process, Fabbrica Italiana Pompe Sommergibili S.r.l. has shed its image of an exclusive sewage and waste water pumps manufacturer to a complete pump production company with an ability to manufacture diverse kinds of pumps for different applications.



## **CENTRIFUGAL MONOBLOCK PUMPS FCTSS SERIES - 50Hz**



# STAINLESS STEEL CENTRIFUGAL PUMP

## Description

The Zirantec FCTSS stainless steel horizontal centrifugal pumps are made of fabricated stainless steel using advanced manufacturing techniques. The casing is firmly fixed to the baseframe and is equipped with a fully enclosed air-cooled IEC motor as standard. This pump features a lightweight structure and an aesthetically pleasing design, delivering high-efficiency performance. It is also highly durable and made with corrosion - resistant hydraulic components.

## Features

- Wide hydraulic ranges
- Galvanized counter flange with bolts, nuts and gaskets
- Back pull out design
- Offered with premium efficiency motor
- 'O' Rings are available with EPDM

## Applications

- Agriculture
- Water transfer
- Cooling systems
- Washing systems
- Pressure Boosting systems
- Utility water supply in industries and commercial buildings
- HVAC system
- Firefighting system

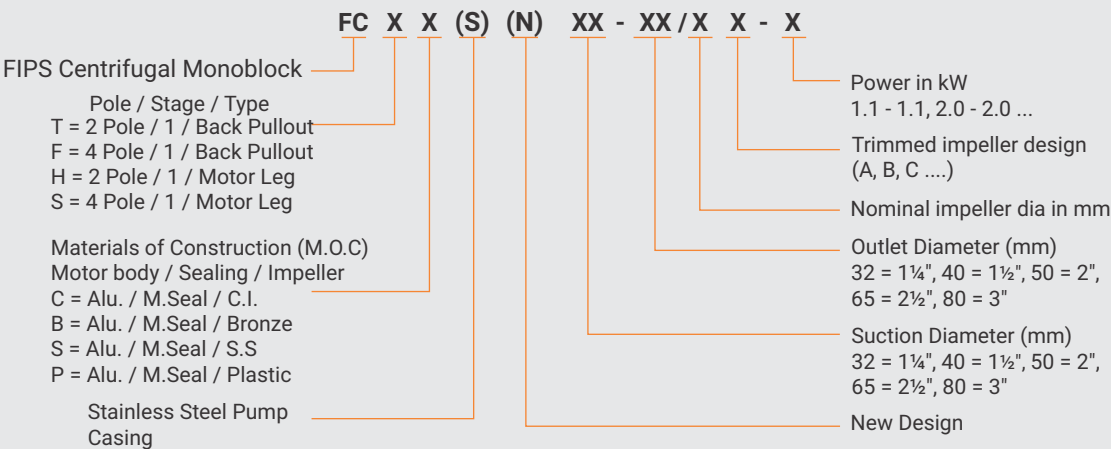
## Pump & Motor Specifications

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Power Range (kW)       | 1.1 kW to 37 kW                                        |
| Speed                  | 2900 rpm                                               |
| Degree of Protection   | IP 55                                                  |
| Class of insulation    | "F"                                                    |
| Motor Efficiency Class | IE3                                                    |
| Versions               | Single Phase-220V, Three Phase-380V<br>50Hz A.C Supply |
| Type of Duty           | S1 (Continuous)                                        |
| Direction of Rotation  | Clock wise viewed from driving end                     |
| Method of Starting     | DOL / SD                                               |
| Design Standard        | DIN                                                    |

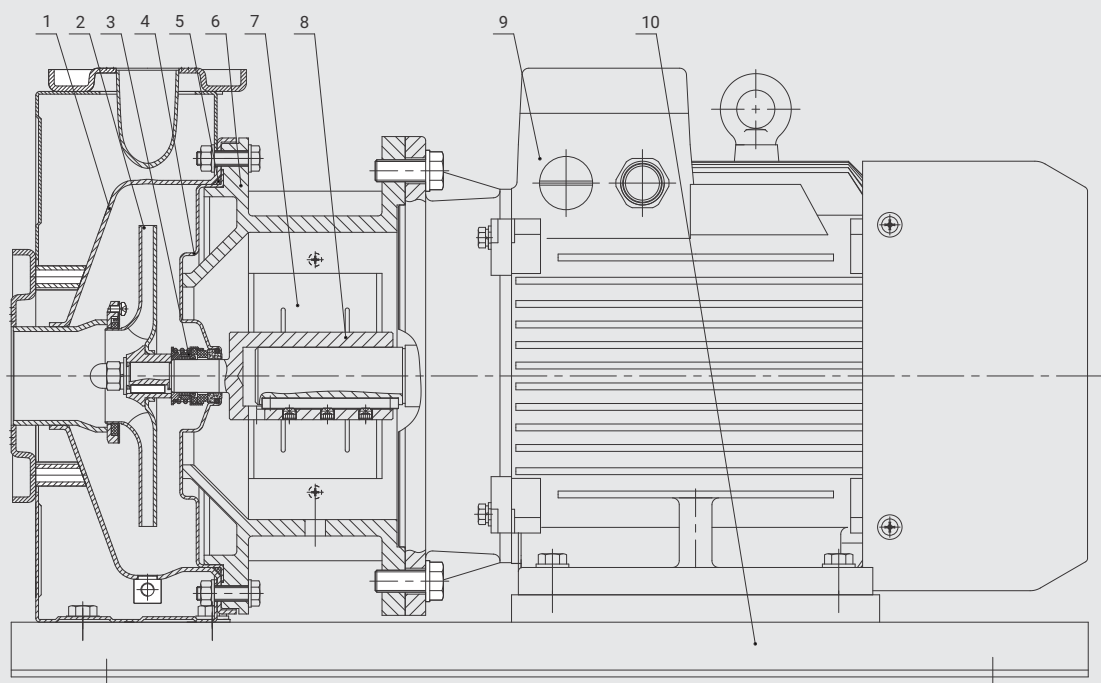
## Pump Operating Limit

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| Flow Range                         | 6.3 - 160 m³/h                                                                   |
| Head Range                         | 13 - 81 m                                                                        |
| Maximum Suction lift               | Refer individual curve to<br>calculate suction head<br>considering NPSHr & NPSHa |
| Operating Temperature              | -20°C to 100°C                                                                   |
| Maximum Ambient Temperature        | 40°C                                                                             |
| Maximum allowable working pressure | 10 bar                                                                           |

## Model Identification Code



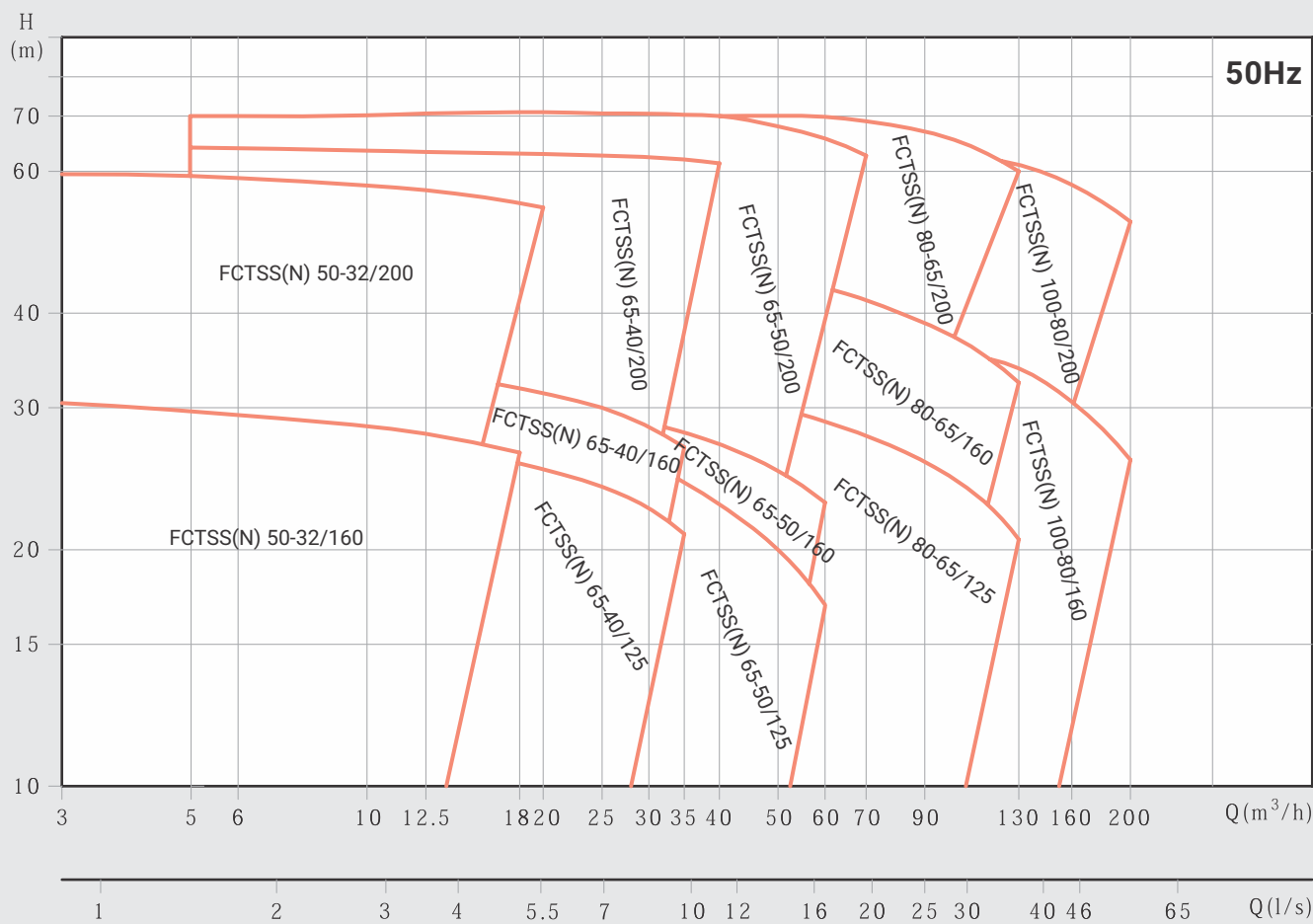
## CROSS SECTIONAL DRAWING



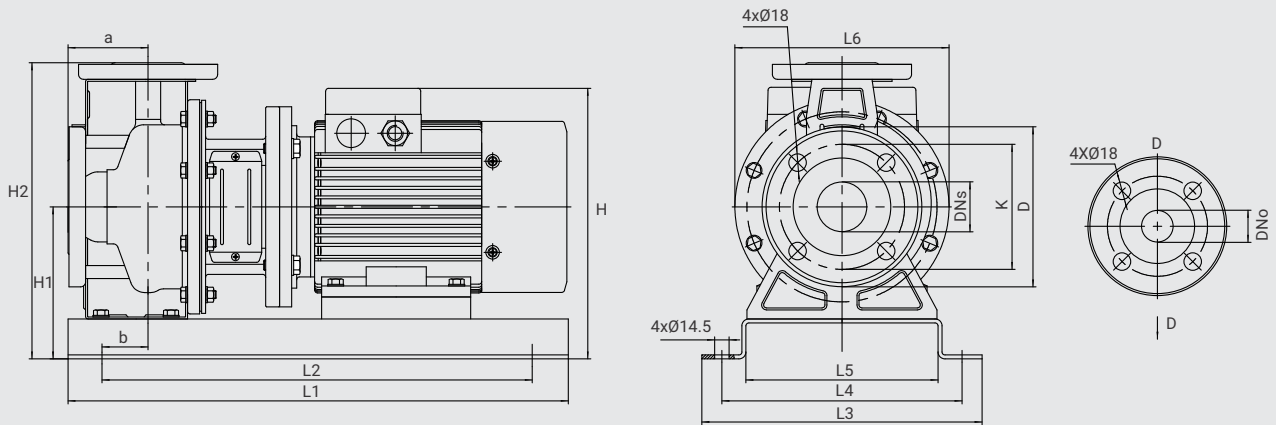
## MATERIAL OF CONSTRUCTION

| Part No. | Part Name         | Material            | AISI / ASTM      |
|----------|-------------------|---------------------|------------------|
| 1        | Casing            | SS304/SS316L        | AISI304/AISI316L |
| 2        | Impeller          | SS304/SS316L        | AISI304/AISI316L |
| 3        | Mechanical seal   | Graphite carbon/SiC | -                |
| 4        | Lining of bracket | SS304/SS316L        | AISI304/AISI316L |
| 5        | O ring            | NBR                 | -                |
| 6        | Bracket           | Cast Iron           | ASTM25B          |
| 7        | Coupling guard    | SS304               | AISI304          |
| 8        | Shaft             | SS304/SS316L        | AISI304/AISI316L |
| 9        | Motor             | Assembly set        | -                |
| 10       | Base plate        | Carbon Steel        | ASTMA570         |

GROUP PERFORMANCE CURVE



## DIMENSIONAL DRAWING & WEIGHT DETAILS



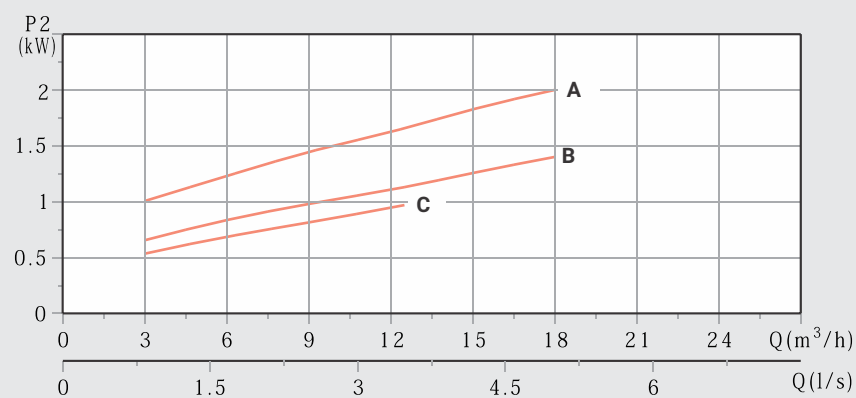
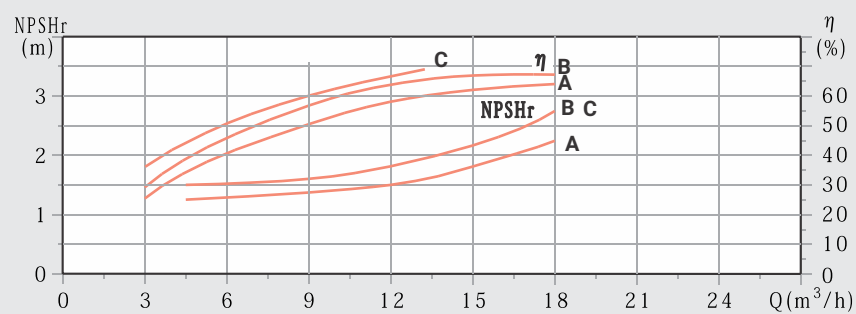
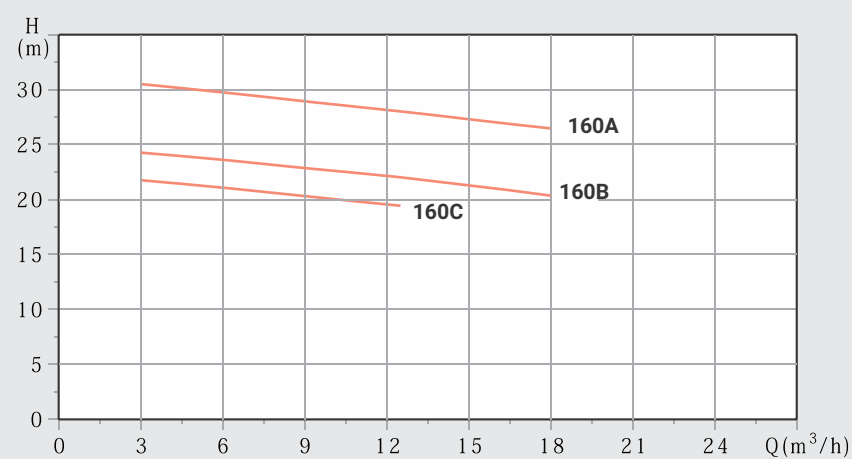
| Pump Model           | Power kW | DN <sub>s</sub> | DN <sub>o</sub> | K   | D   | a   | b  | H   | H1  | H2  | L1  | L2  | L3  | L4  | L5  | L6  | Weight in kg |
|----------------------|----------|-----------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|
| FCTSS(N) 50-32/160C  | 1.1      | 50              | 32              | 125 | 160 | 80  | 32 | 290 | 152 | 296 | 470 | 370 | 280 | 240 | 192 | 210 | 31           |
| FCTSS(N) 50-32/160B  | 1.5      | 50              | 32              | 125 | 160 | 80  | 46 | 307 | 152 | 296 | 500 | 430 | 280 | 240 | 192 | 210 | 37           |
| FCTSS(N) 50-32/160A  | 2.2      | 50              | 32              | 125 | 160 | 80  | 46 | 307 | 152 | 296 | 500 | 430 | 280 | 240 | 192 | 210 | 39           |
| FCTSS(N) 50-32/200C  | 3.0      | 50              | 32              | 125 | 160 | 84  | 42 | 370 | 200 | 386 | 550 | 460 | 330 | 290 | 242 | 300 | 53           |
| FCTSS(N) 50-32/200B  | 4.0      | 50              | 32              | 125 | 160 | 84  | 47 | 393 | 200 | 386 | 560 | 480 | 330 | 290 | 242 | 300 | 58           |
| FCTSS(N) 50-32/200A  | 5.5      | 50              | 32              | 125 | 160 | 84  | 50 | 413 | 200 | 386 | 660 | 580 | 370 | 330 | 280 | 300 | 77           |
| FCTSS(N) 65-40/125C  | 1.5      | 65              | 40              | 145 | 185 | 80  | 45 | 307 | 152 | 294 | 502 | 430 | 280 | 240 | 192 | 210 | 33           |
| FCTSS(N) 65-40/125B  | 2.2      | 65              | 40              | 145 | 185 | 80  | 45 | 307 | 152 | 294 | 502 | 430 | 280 | 240 | 192 | 210 | 35           |
| FCTSS(N) 65-40/125A  | 3.0      | 65              | 40              | 145 | 185 | 80  | 45 | 322 | 152 | 294 | 532 | 460 | 300 | 260 | 212 | 250 | 47           |
| FCTSS(N) 65-40/160   | 4.0      | 65              | 40              | 145 | 185 | 80  | 45 | 345 | 152 | 294 | 557 | 480 | 330 | 290 | 242 | 250 | 52           |
| FCTSS(N) 65-40/200C  | 5.5      | 65              | 40              | 145 | 185 | 100 | 50 | 413 | 200 | 380 | 380 | 580 | 370 | 330 | 280 | 300 | 78           |
| FCTSS(N) 65-40/200B  | 7.5      | 65              | 40              | 145 | 185 | 100 | 50 | 413 | 200 | 380 | 380 | 580 | 370 | 330 | 280 | 300 | 82           |
| FCTSS(N) 65-40/200A  | 11.0     | 65              | 40              | 145 | 185 | 100 | 50 | 456 | 380 | 380 | 790 | 690 | 420 | 380 | 330 | 350 | 161          |
| FCTSS(N) 65-50/125B  | 3.0      | 65              | 50              | 145 | 185 | 86  | 45 | 342 | 172 | 338 | 548 | 468 | 330 | 290 | 242 | 250 | 49           |
| FCTSS(N) 65-50/125A  | 4.0      | 65              | 50              | 145 | 185 | 86  | 45 | 342 | 172 | 338 | 570 | 490 | 330 | 290 | 242 | 250 | 54           |
| FCTSS(N) 65-50/160   | 5.5      | 65              | 50              | 145 | 185 | 100 | 50 | 413 | 200 | 380 | 680 | 580 | 370 | 330 | 280 | 300 | 78           |
| FCTSS(N) 65-50/200E  | 7.5      | 65              | 50              | 145 | 185 | 100 | 50 | 413 | 200 | 380 | 680 | 580 | 370 | 330 | 280 | 300 | 82           |
| FCTSS(N) 65-50/200D  | 9.2      | 65              | 50              | 145 | 185 | 100 | 50 | 413 | 200 | 380 | 680 | 580 | 370 | 330 | 280 | 300 | 85           |
| FCTSS(N) 65-50/200C  | 11.0     | 65              | 50              | 145 | 185 | 100 | 50 | 456 | 200 | 380 | 790 | 690 | 420 | 380 | 330 | 350 | 161          |
| FCTSS(N) 65-50/200B  | 15.0     | 65              | 50              | 145 | 185 | 100 | 50 | 456 | 200 | 380 | 790 | 690 | 420 | 380 | 330 | 350 | 171          |
| FCTSS(N) 65-50/200A  | 18.5     | 65              | 50              | 145 | 185 | 100 | 50 | 456 | 200 | 380 | 830 | 730 | 420 | 380 | 330 | 350 | 188          |
| FCTSS(N) 80-65/125C  | 5.5      | 80              | 65              | 160 | 200 | 100 | 50 | 413 | 200 | 380 | 690 | 590 | 370 | 330 | 280 | 300 | 79           |
| FCTSS(N) 80-65/125B  | 7.5      | 80              | 65              | 160 | 200 | 100 | 50 | 413 | 200 | 380 | 690 | 590 | 370 | 330 | 280 | 300 | 83           |
| FCTSS(N) 80-65/125A  | 9.2      | 80              | 65              | 160 | 200 | 100 | 50 | 413 | 200 | 380 | 690 | 590 | 370 | 330 | 280 | 300 | 87           |
| FCTSS(N) 80-65/160B  | 11.0     | 80              | 65              | 160 | 200 | 100 | 50 | 456 | 200 | 400 | 790 | 690 | 420 | 380 | 330 | 350 | 163          |
| FCTSS(N) 80-65/160A  | 15.0     | 80              | 65              | 160 | 200 | 100 | 50 | 456 | 200 | 400 | 790 | 690 | 420 | 380 | 330 | 350 | 173          |
| FCTSS(N) 80-65/200C  | 18.5     | 80              | 65              | 160 | 200 | 100 | 50 | 476 | 220 | 445 | 830 | 730 | 420 | 380 | 330 | 350 | 190          |
| FCTSS(N) 80-65/200B  | 22.0     | 80              | 65              | 160 | 200 | 100 | 50 | 500 | 220 | 445 | 880 | 780 | 455 | 415 | 365 | 350 | 220          |
| FCTSS(N) 80-65/200A  | 30.0     | 80              | 65              | 160 | 200 | 100 | 50 | 550 | 240 | 465 | 950 | 850 | 495 | 455 | 405 | 400 | 292          |
| FCTSS(N) 100-80/160C | 11.0     | 100             | 80              | 180 | 220 | 125 | 75 | 476 | 220 | 445 | 830 | 730 | 420 | 380 | 330 | 350 | 163          |
| FCTSS(N) 100-80/160B | 15.0     | 100             | 80              | 180 | 220 | 125 | 75 | 476 | 220 | 445 | 830 | 730 | 420 | 380 | 330 | 350 | 173          |
| FCTSS(N) 100-80/160A | 18.5     | 100             | 80              | 180 | 220 | 125 | 75 | 476 | 220 | 445 | 870 | 770 | 420 | 380 | 330 | 350 | 185          |
| FCTSS(N) 100-80/200C | 22.0     | 100             | 80              | 180 | 220 | 125 | 75 | 500 | 220 | 470 | 915 | 810 | 455 | 415 | 365 | 350 | 223          |
| FCTSS(N) 100-80/200B | 30.0     | 100             | 80              | 180 | 220 | 125 | 75 | 550 | 240 | 490 | 985 | 880 | 495 | 455 | 405 | 400 | 295          |
| FCTSS(N) 100-80/200A | 37.0     | 100             | 80              | 180 | 220 | 125 | 75 | 550 | 240 | 490 | 985 | 880 | 495 | 455 | 405 | 400 | 315          |

PERFORMANCE CURVE & TABLE

FCTSS(N) 50-32

2900rpm

| Pump Model          | Motor Power |     | Q<br>(m³/h) | 3    | 6.3  | 9    | 12.5 | 15   | 18   |
|---------------------|-------------|-----|-------------|------|------|------|------|------|------|
|                     | kW          | HP  |             |      |      |      |      |      |      |
| FCTSS(N) 50-32/160C | 1.1         | 1.5 | H<br>(m)    | 21.7 | 21   | 20.3 | 19.4 | -    | -    |
| FCTSS(N) 50-32/160B | 1.5         | 2.0 |             | 24.3 | 23.5 | 22.9 | 22   | 21.3 | 20.3 |
| FCTSS(N) 50-32/160A | 2.2         | 3.0 |             | 30.5 | 29.7 | 28.9 | 28   | 27.3 | 26.4 |



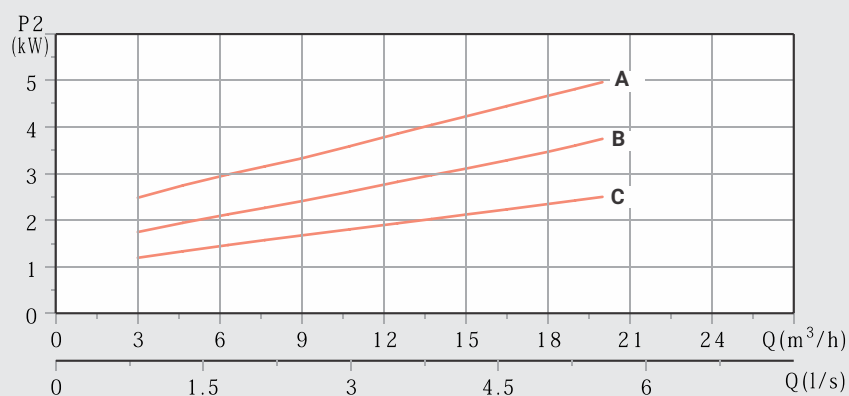
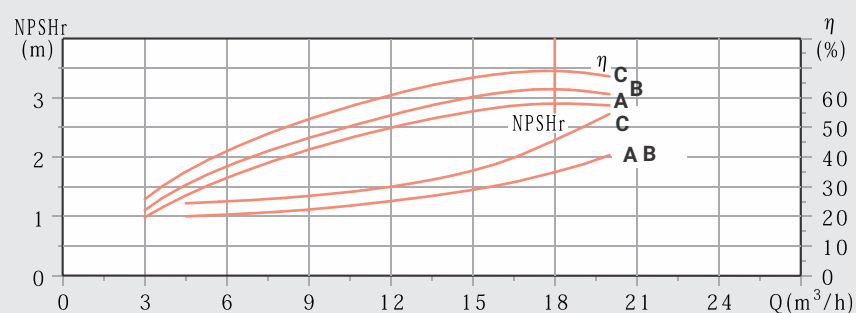
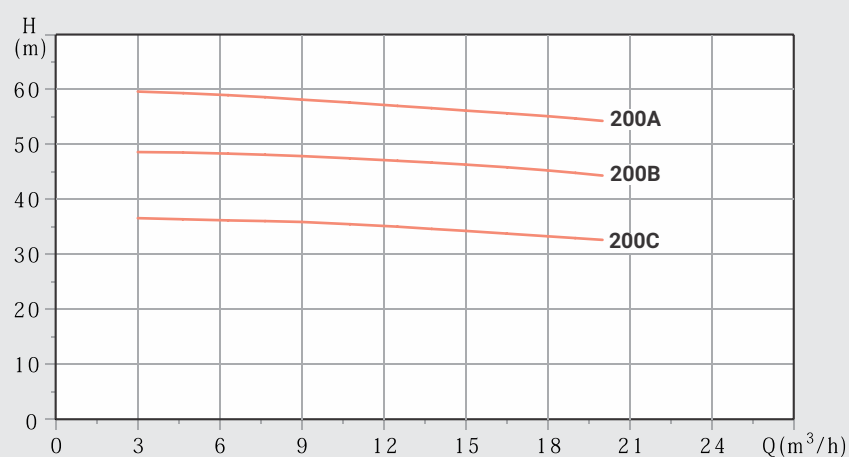
Curve tolerance accordance to ISO 9906, Grade 3B.  
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

## PERFORMANCE CURVE & TABLE

FCTSS(N) 50-32

2900rpm

| Pump Model          | Motor Power |     | Q<br>(m <sup>3</sup> /h) | 3    | 6.3  | 9    | 12.5 | 15   | 18   | 20   |
|---------------------|-------------|-----|--------------------------|------|------|------|------|------|------|------|
|                     | kW          | HP  |                          |      |      |      |      |      |      |      |
| FCTSS(N) 50-32/200C | 3.0         | 4.0 | H<br>(m)                 | 36.5 | 36.2 | 35.8 | 35   | 34.2 | 33.3 | 32.6 |
| FCTSS(N) 50-32/200B | 4.0         | 5.5 |                          | 48.6 | 48.3 | 47.9 | 47   | 46.3 | 45.2 | 44.3 |
| FCTSS(N) 50-32/200A | 5.5         | 7.5 |                          | 59.6 | 58.9 | 58.1 | 57   | 56.1 | 55.1 | 54.2 |



Curve tolerance accordance to ISO 9906, Grade 3B.

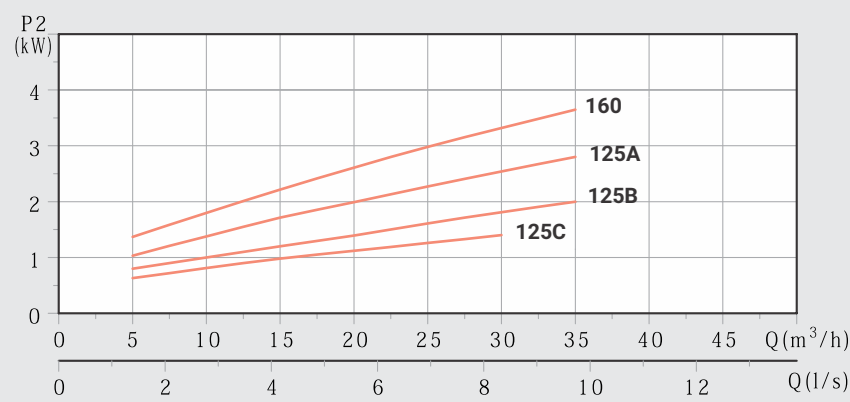
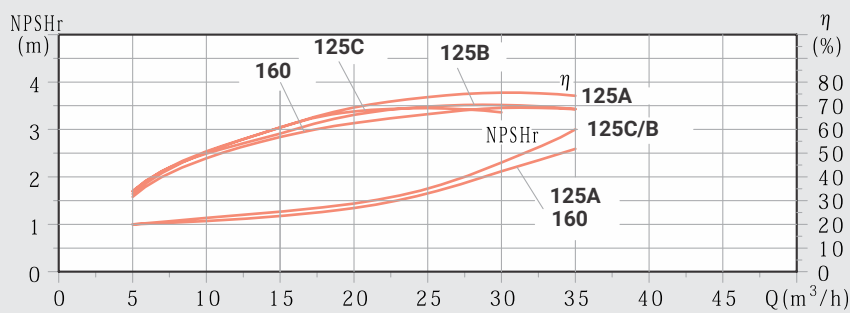
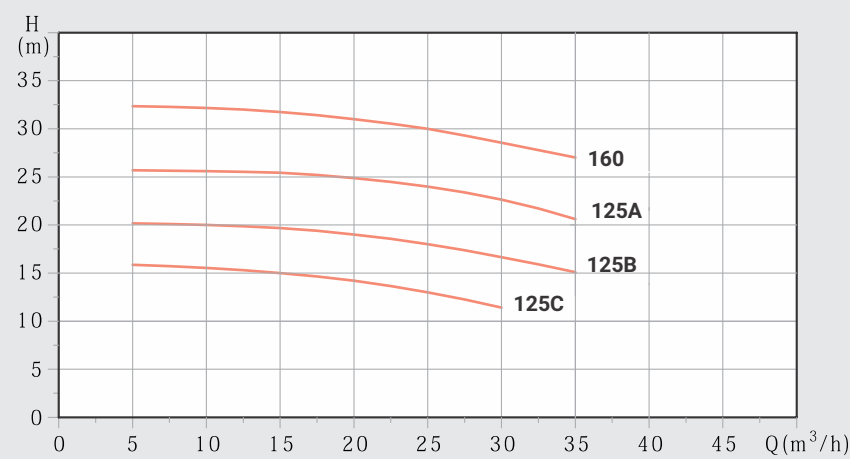
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

PERFORMANCE CURVE & TABLE

FCTSS(N) 65-40

2900rpm

| Pump Model          | Motor Power |     | Q<br>(m³/h) | 5    | 10   | 15   | 20   | 25 | 30   | 35   |
|---------------------|-------------|-----|-------------|------|------|------|------|----|------|------|
|                     | kW          | HP  |             |      |      |      |      |    |      |      |
| FCTSS(N) 65-40/125C | 1.5         | 2.0 | H<br>(m)    | 15.9 | 15.5 | 15   | 14.2 | 13 | 11.4 | -    |
| FCTSS(N) 65-40/125B | 2.2         | 3.0 |             | 20.2 | 20   | 19.7 | 19   | 18 | 16.7 | 15.1 |
| FCTSS(N) 65-40/125A | 3.0         | 4.0 |             | 25.7 | 25.6 | 25.4 | 24.9 | 24 | 22.6 | 20.6 |
| FCTSS(N) 65-40/160  | 4.0         | 5.5 |             | 32.4 | 32.2 | 31.8 | 31   | 30 | 28.6 | 27   |



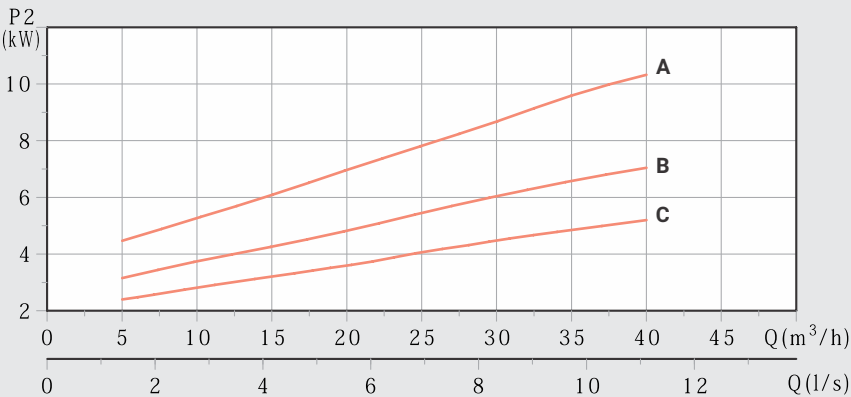
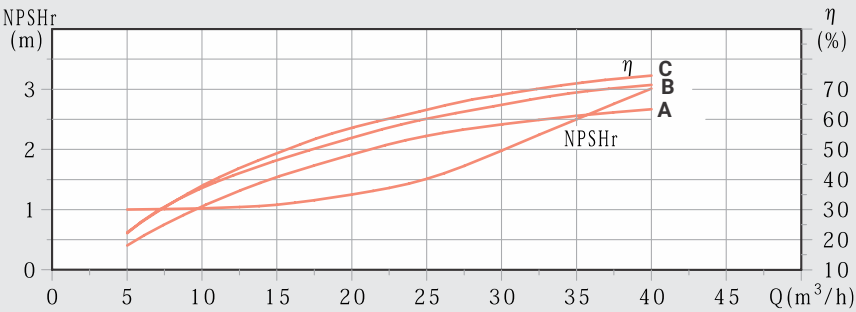
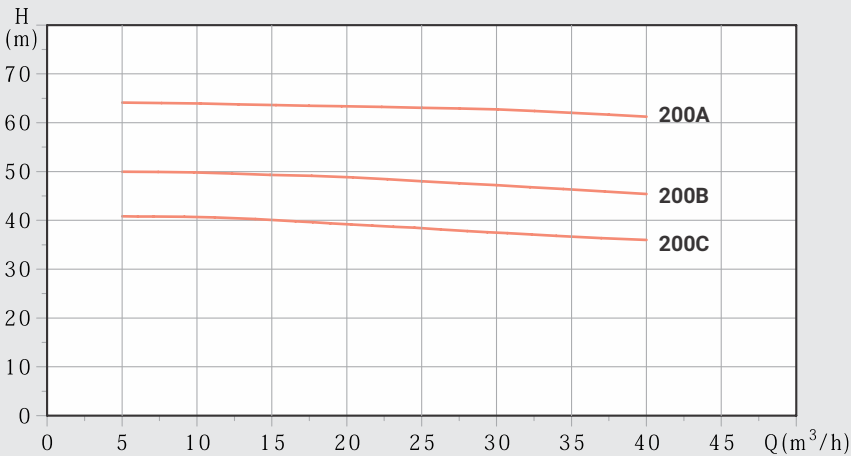
Curve tolerance accordance to ISO 9906, Grade 3B.  
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PERFORMANCE CURVE & TABLE

FCTSS(N) 65-40

2900rpm

| Pump Model          | Motor Power |      | Q<br>(m³/h) | 5    | 10   | 15   | 20   | 25 | 30   | 35   | 40   |
|---------------------|-------------|------|-------------|------|------|------|------|----|------|------|------|
|                     | kW          | HP   |             |      |      |      |      |    |      |      |      |
| FCTSS(N) 65-40/200C | 5.5         | 7.5  | H<br>(m)    | 40.8 | 40.7 | 40.1 | 39.2 | 38 | 37.5 | 36.6 | 36   |
| FCTSS(N) 65-40/200B | 7.5         | 10.0 |             | 50   | 49.8 | 49.3 | 48.8 | 48 | 47.2 | 46.3 | 45.4 |
| FCTSS(N) 65-40/200A | 11.0        | 15.0 |             | 64.1 | 63.9 | 63.6 | 63.3 | 63 | 62.7 | 62   | 61.2 |



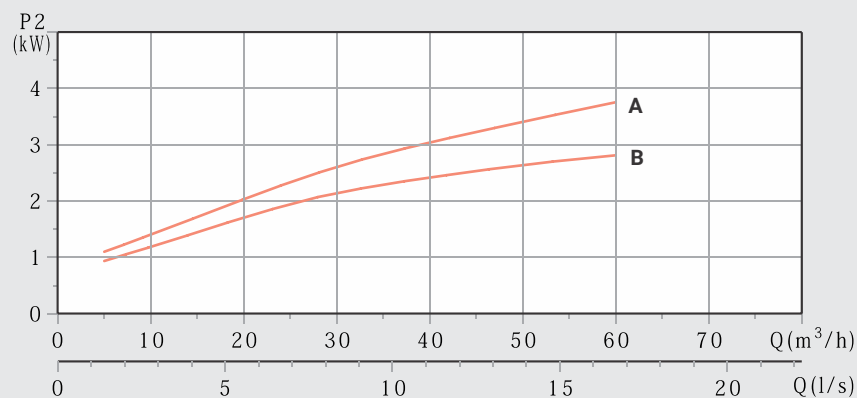
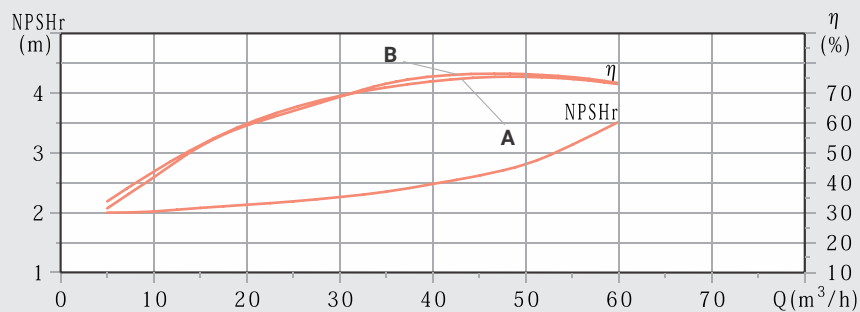
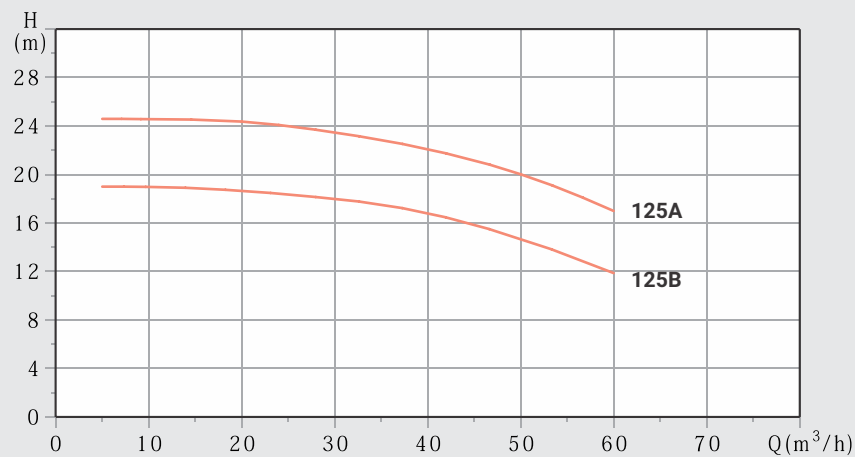
Curve tolerance accordance to ISO 9906, Grade 3B.  
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

PERFORMANCE CURVE & TABLE

FCTSS(N) 65-50

2900rpm

| Pump Model          | Motor Power |     | Q<br>(m³/h) | 5    | 10   | 20   | 30   | 40   | 50   | 60   |
|---------------------|-------------|-----|-------------|------|------|------|------|------|------|------|
|                     | kW          | HP  |             |      |      |      |      |      |      |      |
| FCTSS(N) 65-50/125B | 3.0         | 4.0 | H<br>(m)    | 19   | 18.9 | 18.7 | 18   | 16.8 | 14.5 | 11.8 |
| FCTSS(N) 65-50/125A | 4.0         | 4.5 |             | 24.6 | 24.5 | 24.3 | 23.5 | 22.1 | 20   | 17   |



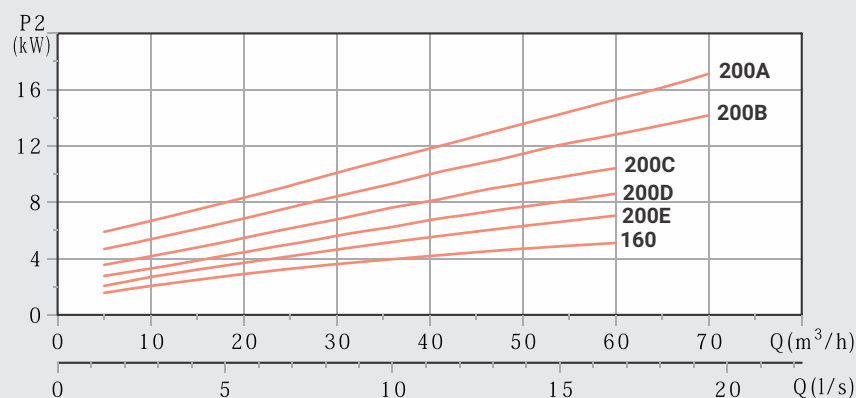
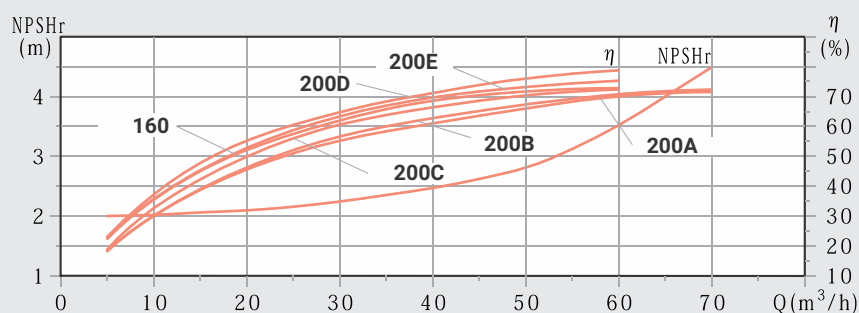
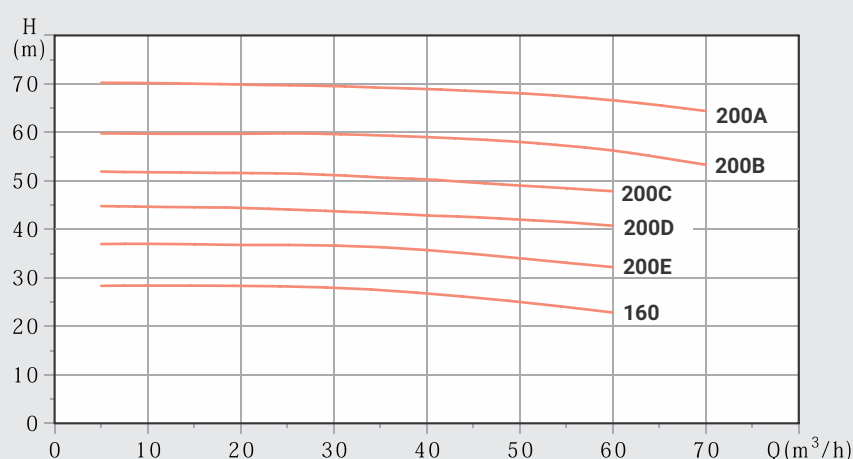
Curve tolerance accordance to ISO 9906, Grade 3B.  
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## PERFORMANCE CURVE & TABLE

FCTSS(N) 65-50

2900rpm

| Pump Model          | Motor Power |      | Q<br>(m³/h) | 5    | 10   | 20   | 30   | 40   | 50 | 60   | 70   |
|---------------------|-------------|------|-------------|------|------|------|------|------|----|------|------|
|                     | kW          | HP   |             |      |      |      |      |      |    |      |      |
| FCTSS(N) 65-50/160  | 5.5         | 7.5  | H<br>(m)    | 28.4 | 28.3 | 28.2 | 27.9 | 26.8 | 25 | 22.8 | -    |
| FCTSS(N) 65-50/200E | 7.5         | 10   |             | 37   | 36.9 | 36.8 | 36.6 | 35.7 | 34 | 32.2 | -    |
| FCTSS(N) 65-50/200D | 9.2         | 12.5 |             | 44.7 | 44.6 | 44.4 | 43.7 | 42.8 | 42 | 40.7 | -    |
| FCTSS(N) 65-50/200C | 11.0        | 15   |             | 51.9 | 51.8 | 51.6 | 51.2 | 50.3 | 49 | 47.8 | -    |
| FCTSS(N) 65-50/200B | 15.0        | 20   |             | 59.8 | 59.7 | 59.6 | 59.5 | 58.9 | 58 | 56.2 | 53.3 |
| FCTSS(N) 65-50/200A | 18.5        | 25   |             | 70.2 | 70.1 | 69.8 | 69.5 | 68.9 | 68 | 66.6 | 64.3 |



Curve tolerance accordance to ISO 9906, Grade 3B.

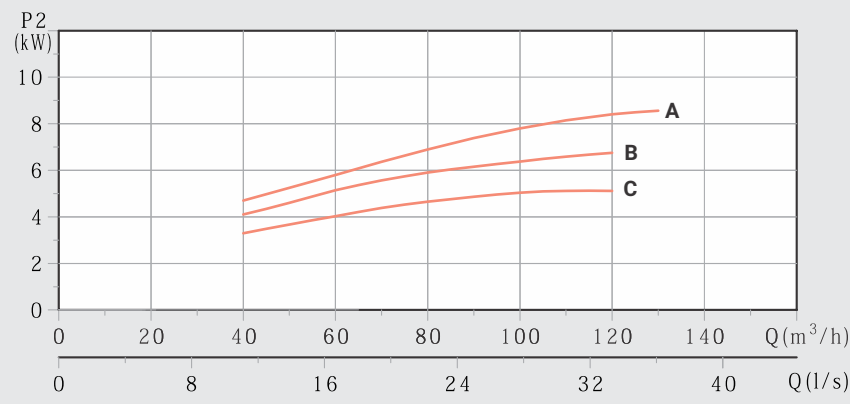
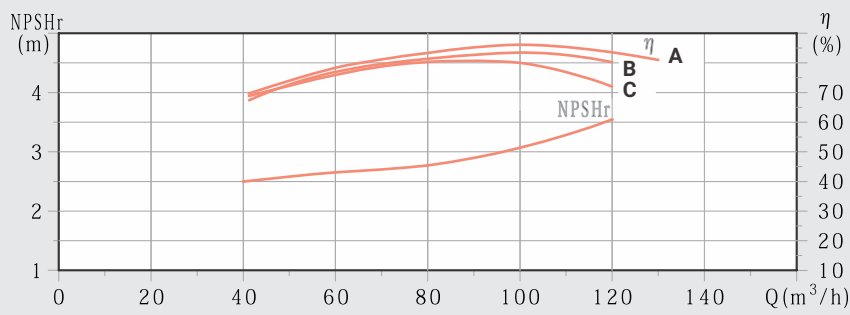
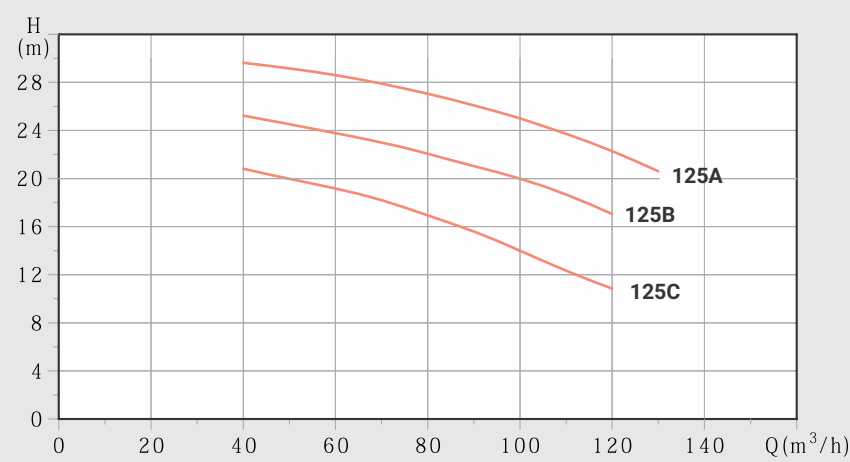
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

PERFORMANCE CURVE & TABLE

FCTSS(N) 80-65

2900rpm

| Pump Model          | Motor Power |      | Q<br>(m³/h) | 40   | 50   | 60   | 70   | 80   | 90   | 100 | 110  | 120  | 130  |
|---------------------|-------------|------|-------------|------|------|------|------|------|------|-----|------|------|------|
|                     | kW          | HP   |             |      |      |      |      |      |      |     |      |      |      |
| FCTSS(N) 80-65/125C | 5.5         | 7.5  | H<br>(m)    | 20.8 | 20   | 19.2 | 18.2 | 16.9 | 15.6 | 14  | 12.3 | 10.9 | -    |
| FCTSS(N) 80-65/125B | 7.5         | 10.0 |             | 25.2 | 24.5 | 23.8 | 23   | 22.1 | 21   | 20  | 18.7 | 17.1 | -    |
| FCTSS(N) 80-65/125A | 9.2         | 12.5 |             | 29.6 | 29.2 | 28.6 | 27.9 | 27   | 26.1 | 25  | 23.7 | 22.3 | 20.6 |



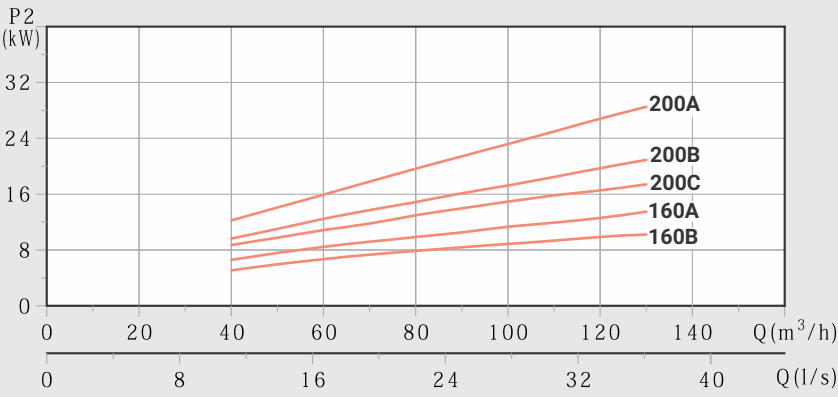
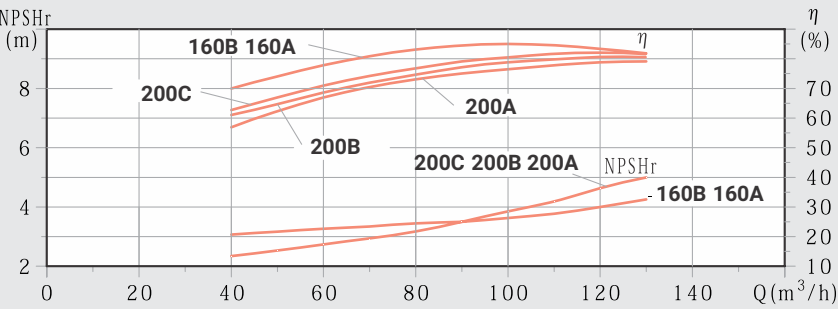
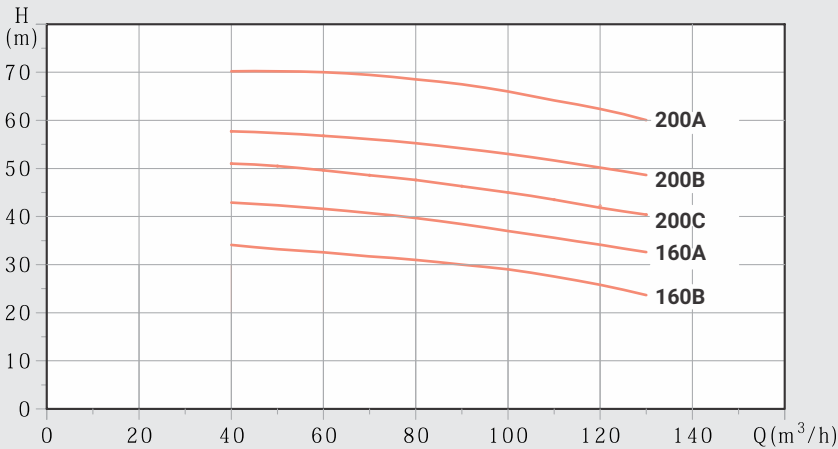
Curve tolerance accordance to ISO 9906, Grade 3B.  
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

PERFORMANCE CURVE & TABLE

FCTSS(N) 80-65

2900rpm

| Pump Model          | Motor Power |    | Q<br>(m³/h) | 40   | 50   | 60   | 70   | 80   | 90   | 100 | 110  | 120  | 130  |
|---------------------|-------------|----|-------------|------|------|------|------|------|------|-----|------|------|------|
|                     | kW          | HP |             |      |      |      |      |      |      |     |      |      |      |
| FCTSS(N) 80-65/160B | 11          | 15 | H<br>(m)    | 34.1 | 33.2 | 32.6 | 31.7 | 31   | 30   | 29  | 27.5 | 25.8 | 23.7 |
| FCTSS(N) 80-65/160A | 15          | 20 |             | 42.9 | 42.4 | 41.6 | 40.7 | 39.7 | 38.4 | 37  | 35.6 | 34.1 | 32.6 |
| FCTSS(N) 80-65/200C | 18.5        | 25 |             | 51   | 50.5 | 49.6 | 48.6 | 47.6 | 46.3 | 45  | 43.5 | 41.8 | 40.4 |
| FCTSS(N) 80-65/200B | 22          | 30 |             | 57.7 | 57.4 | 56.8 | 56.1 | 55.3 | 54.2 | 53  | 51.7 | 50.2 | 48.6 |
| FCTSS(N) 80-65/200A | 30          | 40 |             | 70.2 | 70.1 | 70   | 69.4 | 68.5 | 67.5 | 66  | 64.2 | 62.4 | 60.1 |



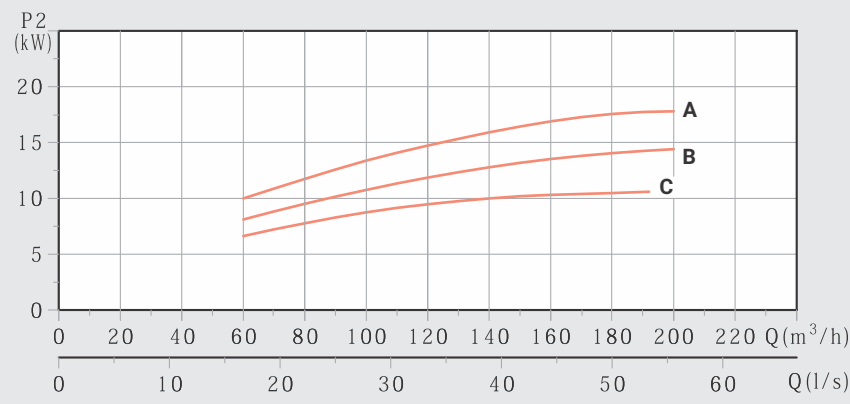
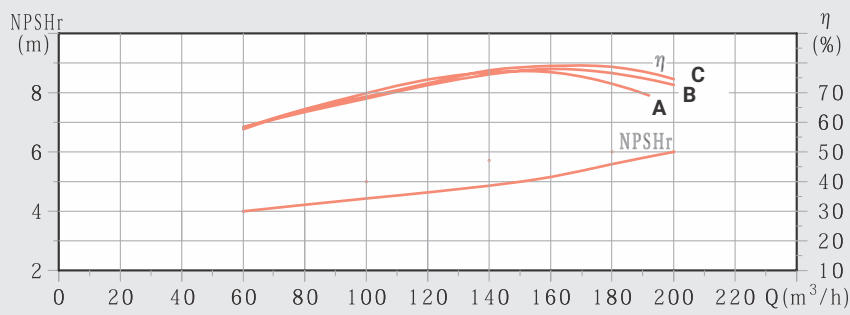
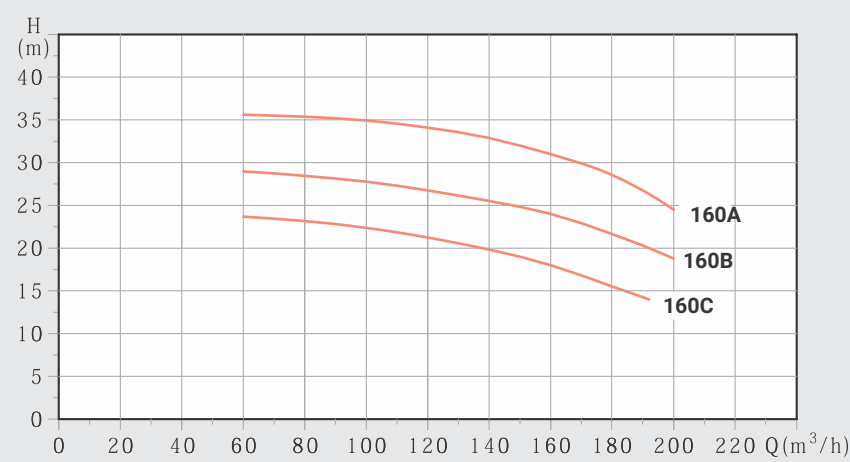
Curve tolerance accordance to ISO 9906, Grade 3B.  
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PERFORMANCE CURVE & TABLE

FCTSS(N) 100-80

2900rpm

| Pump Model           | Motor Power |    | Q<br>(m³/h) | 60   | 80   | 100  | 120  | 140  | 160 | 180  | 192  | 200  |
|----------------------|-------------|----|-------------|------|------|------|------|------|-----|------|------|------|
|                      | kW          | HP |             |      |      |      |      |      |     |      |      |      |
| FCTSS(N) 100-80/160C | 11          | 15 | H<br>(m)    | 23.7 | 23.2 | 22.4 | 21.3 | 19.8 | 18  | 15.5 | 14   | -    |
| FCTSS(N) 100-80/160B | 15          | 20 |             | 28.9 | 28.5 | 27.8 | 26.8 | 25.5 | 24  | 21.7 | 20   | 18.8 |
| FCTSS(N) 100-80/160A | 18.5        | 25 |             | 35.6 | 35.4 | 34.9 | 34.1 | 32.9 | 31  | 28.6 | 26.3 | 24.5 |



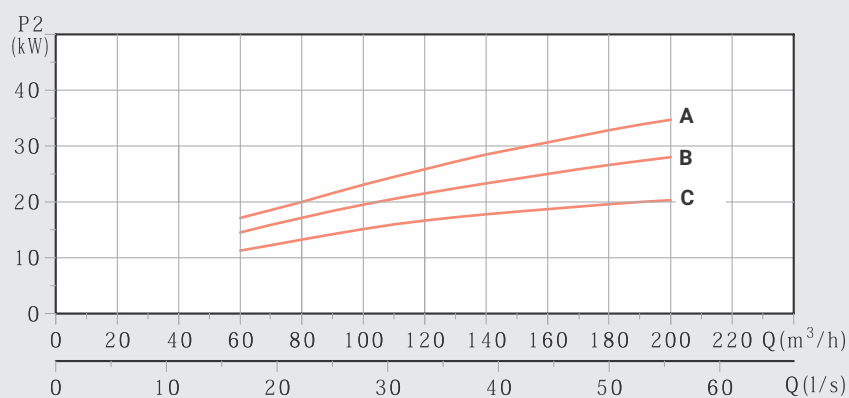
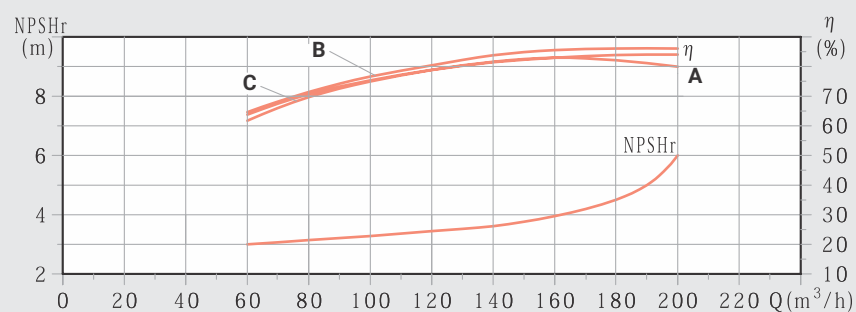
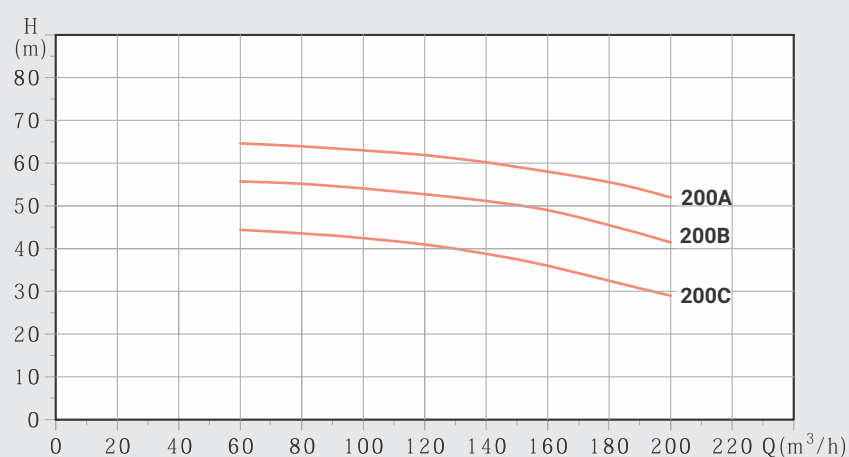
Curve tolerance accordance to ISO 9906, Grade 3B.  
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## PERFORMANCE CURVE & TABLE

FCTSS(N) 100-80

2900rpm

| Pump Model           | Motor Power |    | Q<br>(m³/h) | 60   | 80   | 100  | 120  | 140  | 160 | 180  | 200  |
|----------------------|-------------|----|-------------|------|------|------|------|------|-----|------|------|
|                      | kW          | HP |             |      |      |      |      |      |     |      |      |
| FCTSS(N) 100-80/200C | 22          | 30 | H<br>(m)    | 44.4 | 43.6 | 42.5 | 41   | 38.8 | 36  | 32.5 | 29   |
| FCTSS(N) 100-80/200B | 30          | 40 |             | 55.7 | 55.2 | 54.1 | 52.7 | 51.2 | 49  | 45.5 | 41.5 |
| FCTSS(N) 100-80/200A | 37          | 50 |             | 64.6 | 63.9 | 63   | 61.9 | 60.2 | 58  | 55.6 | 52   |



Curve tolerance accordance to ISO 9906, Grade 3B.

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