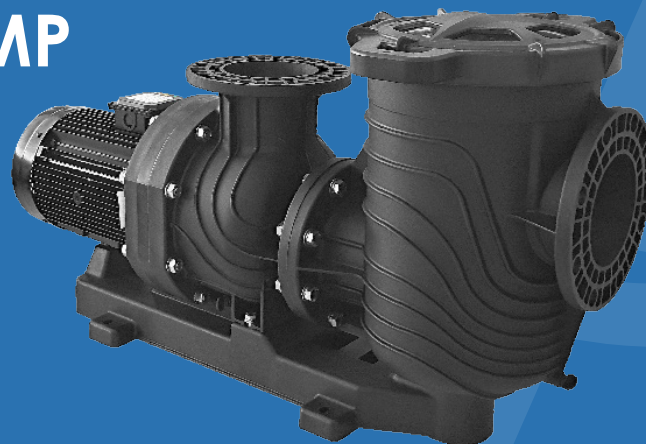


PUMPS & COUNTER CURRENT 02/23

# SWIMMING POOL PUMP 'PISA'

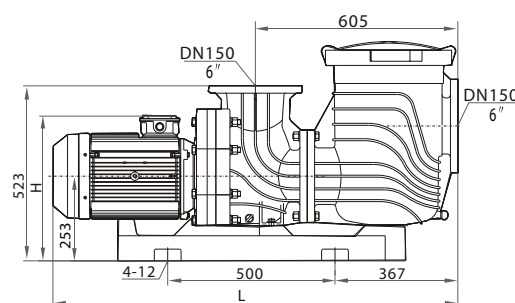
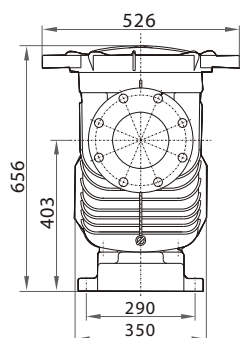
Centrifugal pump for high flow performance and maximum hydraulic efficiency, perfect for filtration and circulation systems in large swimming pools, aquariums & water worlds. Equipped with a big strainer basket for minimal maintenance, it is powered by a high-efficiency asynchronous 2-pole motor, ensuring reliable, quiet and energy-efficient operation. Equipped with a transparent lid for quick basket inspection. The motor is completely enclosed, ensuring no electrical contact with water.



## ✓ Technical features

- The inlet and outlet flanges are national standard DN150, and can be adapted to American ANSI.B16.5 flange standards.
- Standard one-piece plastic mounting base, optional cast aluminum feet.
- Equipped with high-efficiency motor, high efficiency and energy saving, long service life.
- It can operate safely for a long time under the medium condition of 75°C, and is suitable for natural hot spring water circulation.
- It is suitable for water circulation filtration systems such as large water worlds, aquariums, large and medium-sized swimming pools, etc.
- Integrated plastic mounting base plate is provided as standard, and cast aluminum foot is optional.
- Maximum liquid temperature: 0 ~ +75°C
- Maximum ambient temperature: ≤+50°C
- Maximum operating pressure: 7 bar
- Protection rating: IP55
- Insulation rating: Class F

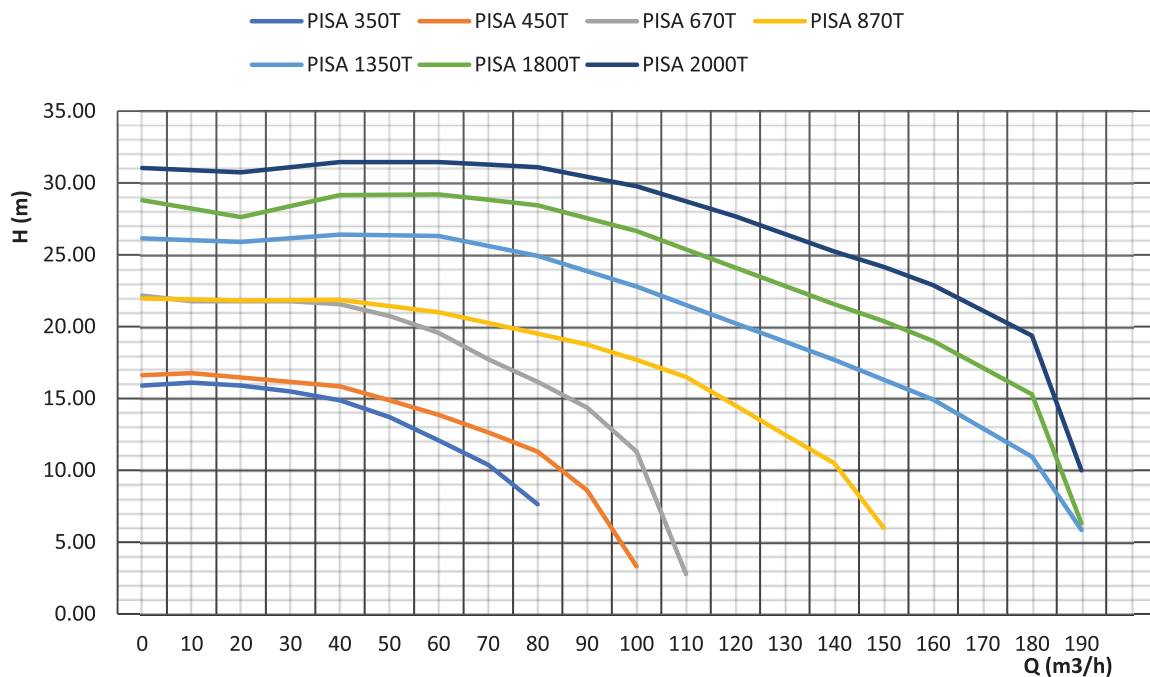
## 📏 Dimensions



| CODE      | CONNECTION<br>DN | INTENSITY A |         | QMAX<br>(M <sup>3</sup> /H) | HMAX<br>(M) | DIMENSIONS |     | PACKING | WEIGHT<br>kg | VOLUME<br>m <sup>3</sup> |
|-----------|------------------|-------------|---------|-----------------------------|-------------|------------|-----|---------|--------------|--------------------------|
|           |                  | III 230     | III 400 |                             |             | L          | H   |         |              |                          |
| PISA350T  | 150              | 10.2        | 5.9     | 88.8                        | 16          | 1155       | 414 | 1       | 88.5         | 0.49                     |
| PISA450T  | 150              | 11.8        | 6.8     | 100.8                       | 17          | 1155       | 414 | 1       | 88.5         | 0.49                     |
| PISA670T  | 150              | -           | 10.3    | 1830                        | 22          | 1155       | 414 | 1       | 91.5         | 0.49                     |
| PISA870T  | 150              | -           | 12.7    | 109.8                       | 22          | 1155       | 414 | 1       | 95           | 0.49                     |
| PISA1000T | 150              | -           | 14.9    | 172.98                      | 23          | 1193       | 414 | 1       | 120          | 0.54                     |
| PISA1350T | 150              | -           | 20.1    | 180                         | 26          | 1210       | 433 | 1       | 129          | 0.54                     |
| PISA1800T | 150              | -           | 26.7    | 186                         | 29          | 1251       | 433 | 1       | 137          | 0.54                     |
| PISA2000T | 150              | -           | 30.3    | 198                         | 31          | 1251       | 433 | 1       | 144          | 0.54                     |

## Hydraulic features

### PISA - PERFORMANCE CURVE



| THREE PHASE<br>MODELS | HEIGHT<br>(m)               | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  | 22  | 24  | 26  | 28  | 30 |
|-----------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                       | FLOW<br>(m <sup>3</sup> /h) |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| PISA350T              | FLOW<br>(m <sup>3</sup> /h) | 88  | 84  | 78  | 73  | 61  | 48  | 20  | -   | -   | -   | -   | -   | -   | -  |
| PISA450T              |                             | 97  | 95  | 92  | 85  | 77  | 59  | 38  | -   | -   | -   | -   | -   | -   | -  |
| PISA670T              |                             | 108 | 106 | 104 | 101 | 98  | 92  | 83  | 68  | 57  | 30  | -   | -   | -   | -  |
| PISA870T              |                             | 153 | 150 | 148 | 143 | 133 | 123 | 110 | 98  | 74  | 40  | -   | -   | -   | -  |
| PISA1000T             |                             | 172 | 165 | 158 | 150 | 137 | 126 | 112 | 99  | 82  | 62  | -   | -   | -   | -  |
| PISA1350T             |                             | -   | 189 | 185 | 181 | 175 | 164 | 153 | 137 | 121 | 106 | 90  | 65  | -   | -  |
| PISA1800T             |                             | -   | 190 | 188 | 186 | 183 | 182 | 177 | 165 | 153 | 136 | 120 | 105 | 87  | -  |
| PISA2000T             |                             | -   | 194 | 192 | 190 | 187 | 186 | 183 | 180 | 176 | 165 | 152 | 144 | 107 | 97 |



## Electric features

| THREE PHASE MODELS | KW INPUT POWER P1 | MOTOR POWER P2 |      | NOISE LEVEL |
|--------------------|-------------------|----------------|------|-------------|
| 50HZ               | THREE PHASE       | kW             | HP   | MAX db A    |
| PISA350T           | 3.0               | 2.6            | 3.5  | 76          |
| PISA450T           | 4.0               | 3.4            | 4.5  | 77          |
| PISA670T           | 5.5               | 5              | 6.7  | 82          |
| PISA870T           | 7.5               | 6.5            | 8.7  | 83          |
| PISA1000T          | 9.2               | 7.5            | 10   | 81          |
| PISA1350T          | 11                | 10             | 13.5 | 81          |
| PISA1800T          | 15                | 13.5           | 18   | 86          |
| PISA2000T          | 18.5              | 15             | 20   | 91          |

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### Head Office

#### AQUA S.p.A

42018 San Martino in Rio, Reggio Emilia  
Italy - Via Crotti, 1  
P : +39 0522 695805/85 - F : +39 0522 646160  
aqua@aqua.it | www.aqua.it

#### AQUA S.p.A - POOL DIVISION

46043 Castiglione d. Stiviere, Mantova - Italy  
P : +39 0376 671973 - F : +39 0376 940139  
infopools@aqua.it | www.aqua.it



### Branches

#### AQUA WATER SYSTEMS LTD

Unit 135 Oak Drive Hartlebury Trading Estate,  
Worcestershire, DY10 4JB  
P : +44 (0)1299 251050, F : +44 (0)1299 253704  
sales@askaqua.co.uk | www.askaqua.co.uk

#### AQUA FILTRACION S.A.

Pol. Ind. Castellbisbal Sud 08755  
Castellbisbal, Barcelona  
P : +34 (0)93 7711855, F : +34 (0)93 7711772  
info@aqua.es | www.aqua.es

#### AQUA SU ARITIMI SAN. VE MUH. TIC. LTD. STI.

Ferhatpasa Mahallesi Maresal Fevzi Cakmak  
Cad. No:45 Pk.34888 Atasehir / Istanbul - Turkey  
P : +90 216 661 60 60, F : +90 216 661 68 50  
info@aqua.com.tr | www.aqua.com.tr

#### AQUA MIDDLE EAST FZC

1J-07/4 and 1J-07/3 - Hamriyah Free Zone  
P.O.Box 42585 Sharjah - United Arab Emirates  
P : +971 6 526 0563, F : +971 6 526 0564  
contact@aqua-me.ae  
www.aqua-me.ae

#### AQUA WATER SYSTEMS INDIA PVT LTD

4A/4B/4C-, Puttappa Industrial Estate  
Mahadevapura Post, White Field Road,  
Bangalore 560 048  
P : 0091 80 4152 1313, F : 0091 80 4152 1414  
contact@aquaindia.in | sales@aquaindia.in  
www.aquaindia.in

#### AQUA GROUP RUS

Juridical Address:  
107014, Egerskaya str, 1, Moscow, Russia  
Residence Address:  
127081, Chermianskaya str, 3, Moscow, Russia  
P : +7 495 6458078, F : +7 495 969 2413  
mail@aqua-italy.ru | www.aqua-italy-ru  
www.aqua.it

#### AQUA GROUP LLC

Office : Regus – Sarayat EL Maadi, Egypt  
Management & Warehouse : Plot no 2-2nd service  
axe, 2nd Industrial Zone, October, Egypt  
P : +20 2 3820 2259 | info@aqua.eg