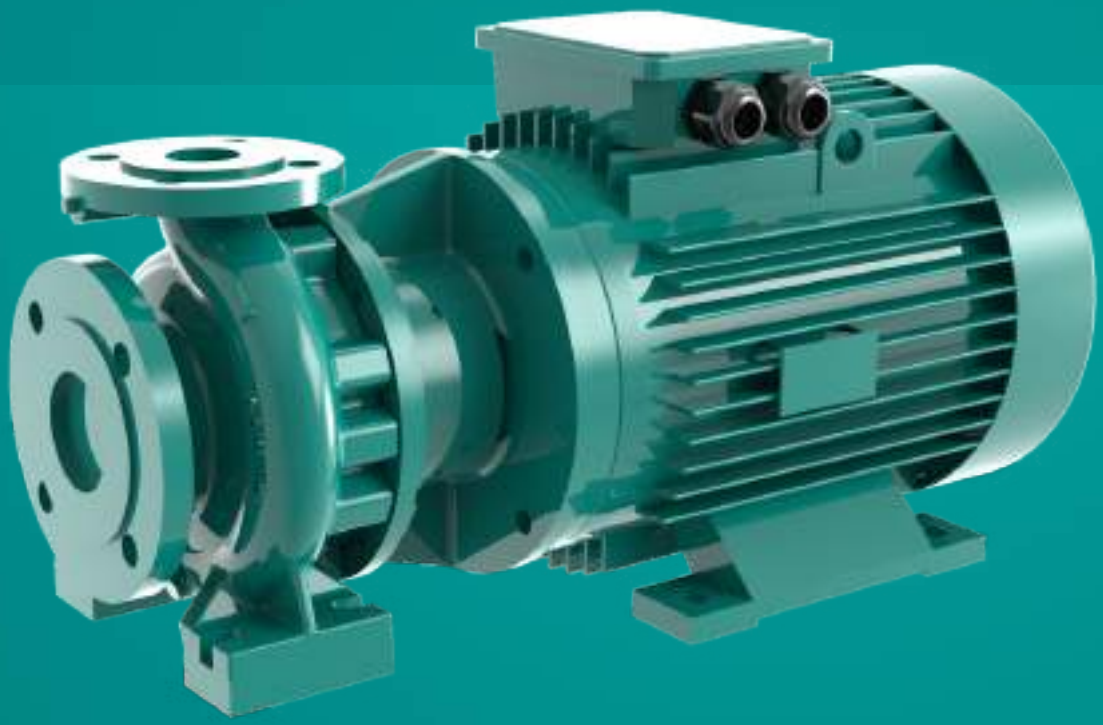
Pumping happiness across the Globe

Tormac PUMPS

THE HARD WORKING PUMP

The result of superior technology and expertise that has stood the test of time.



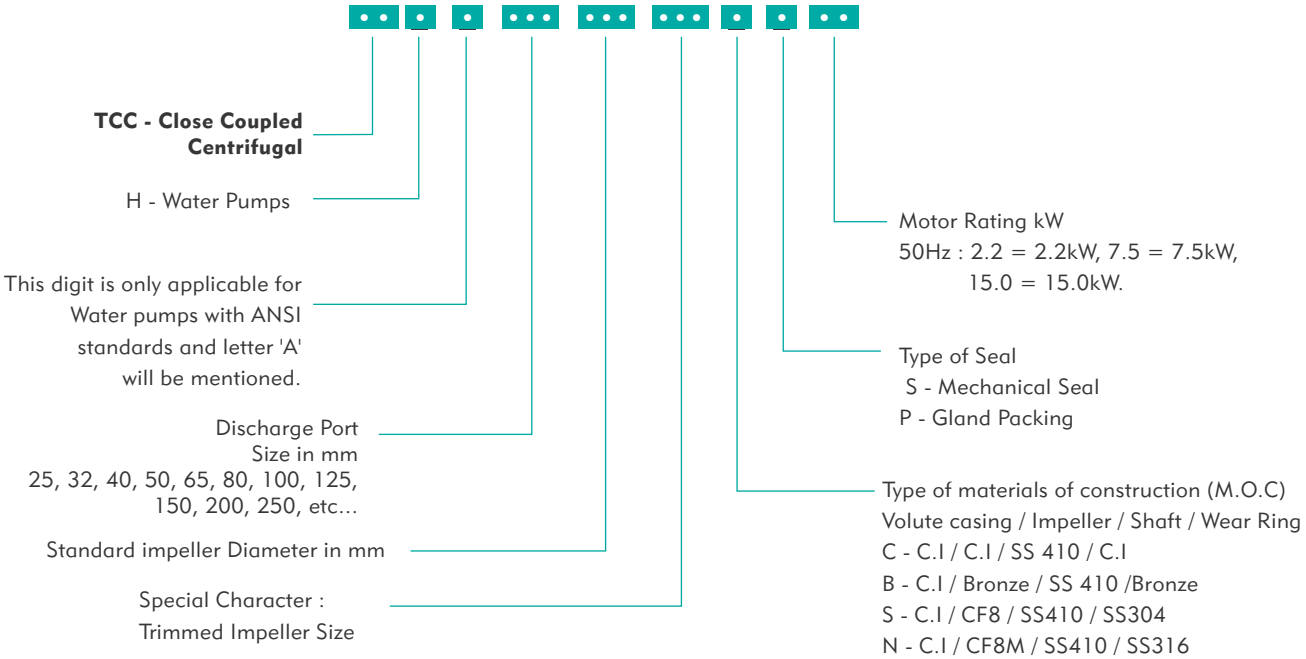
CENTRIFUGAL CLOSE COUPLED PUMPS **TCCH** - SERIES | **50 Hz**

Product from an ISO 9001 COMPANY

C O N T E N T S

GENERAL DATA

Model Identification Code

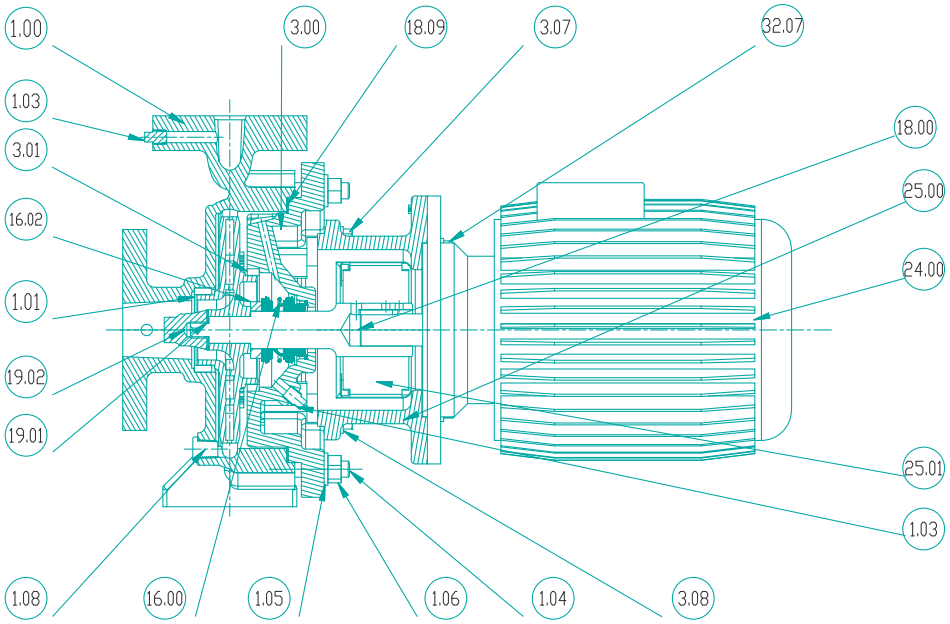


General Notes :

50 Hz : TCCH 100-250 (245) CS 7521, 7.5kW, 50Hz, 3Ph, 415V, 2 Pole IE1 Centrifugal Pumps

50 Hz : TCCH 100-250 (245) CP 7521, 7.5 kW,50 Hz , 3Ph, 415V, 2 pole IE1 Centrifugal Pump

CROSS SECTIONAL DRAWING



P. No	Parts Name
1.00	Casing
1.01	Front Wear Ring
1.02	Gasket Casing
1.03	Square Plug
1.04	Stud
1.05	Washer
1.06	Hex Nut
1.08	Drain Plug
3.00	Stuffing Box
3.01	Back Wear Ring
3.07	Hex Nut
3.08	Washer
16.00	Mechanical Seal
16.02	Spacer
18.00	Stub Shaft
19.01	Impeller Gasket
19.02	Impeller Nut
24.00	Plug
25.00	Motor Bracket
25.01	Coupling Guard
32.07	Stud

CENTRIFUGAL CLOSE COUPLED PUMPS › **TCCH** - SERIES

Backed by experience of over six decades standing, state of art prototype facility, manufacturing expertise and of course a passion for quality, Tormac pumps have often sent the benchmark in providing reliable solutions as evident from its industrial pump ranges.

TCCH Series - Reliable and high quality, Single stage, End Suction, Centrifugal, Flange / Foot mounted, Close coupled pump designed as per manufacturer standard to pump clear liquids.

12+wholly owned subsidiaries spread across all continents with assembly / packaging and technical support capabilities, to ensure timely delivery and service.

Operating Data

Flow	Upto 550 m^3/h
Head	Upto 95 m
Outlet size	Upto 150 mm
Liquid Temperature	Upto 90°C*
Working Pressure	Upto 16 bar
MOC	CI, Bronze, SS
Optional	Duplex, Super Duplex & Alloy Steel

Note* : Contact manufacturer for temperature above 90°C.

Applications

- Water transport and supply
- Water treatment plants
- General process
- Industrial pressure boosting
- Fire & Fighting
- HVAC System
- Cooling Towers

Design Features

- Conical housing with wear ring
- Back pull out design
- Stubbled shaft design minimizes deflection
- No need for coupling alignment
- Optimized hydraulics design
- Contoured lock nut with double flat and helical groove option
- Compact, easy and quick installation

Note: The company reserves the right to modify the technical specifications and illustrations without prior notice.

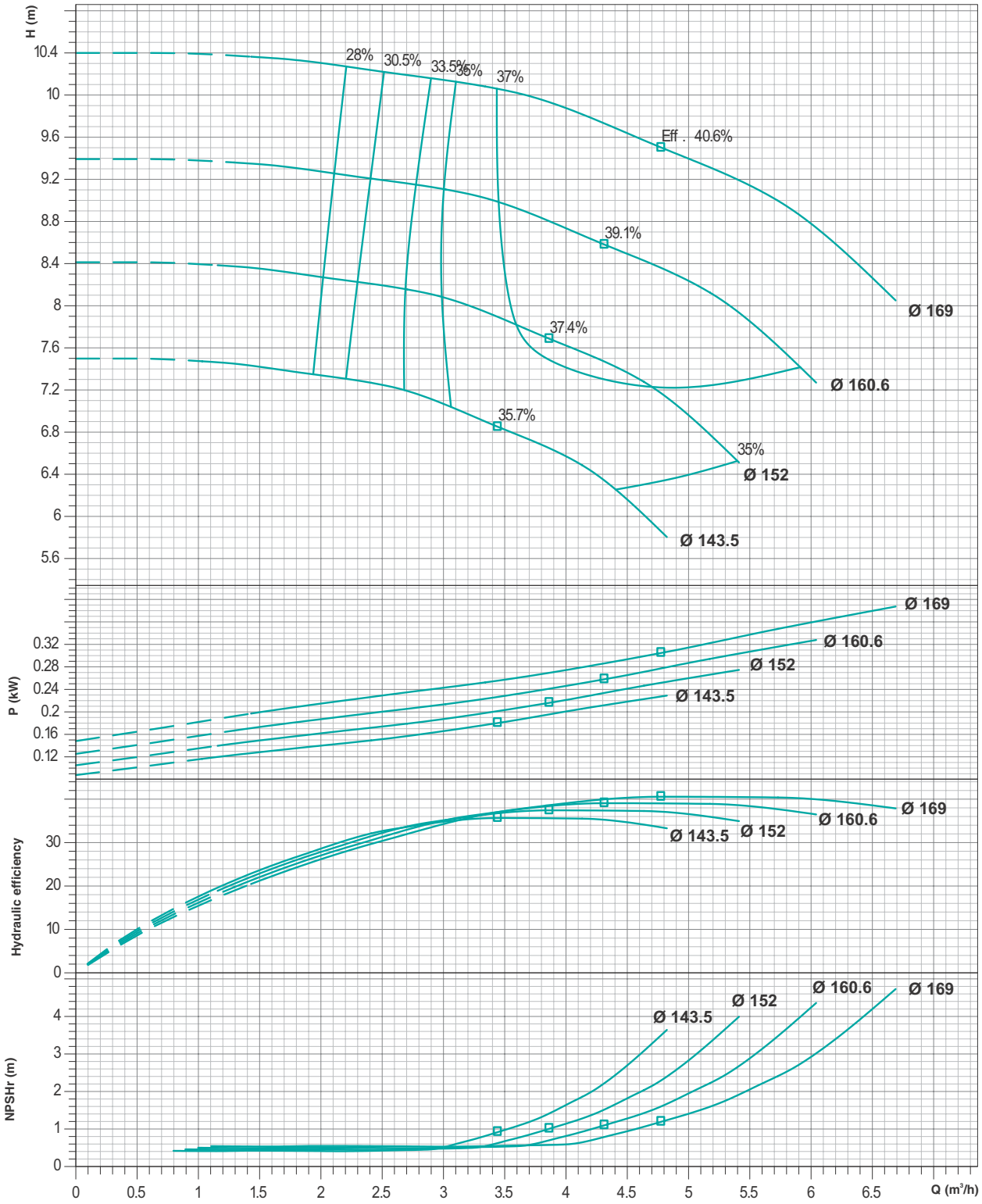
PERFORMANCE CURVES

Model : **TCCH - 25/160**

Speed : **1450 rpm**

Suc x Del (in mm) : **40 x 25**

Max. Impeller Ø : **169mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

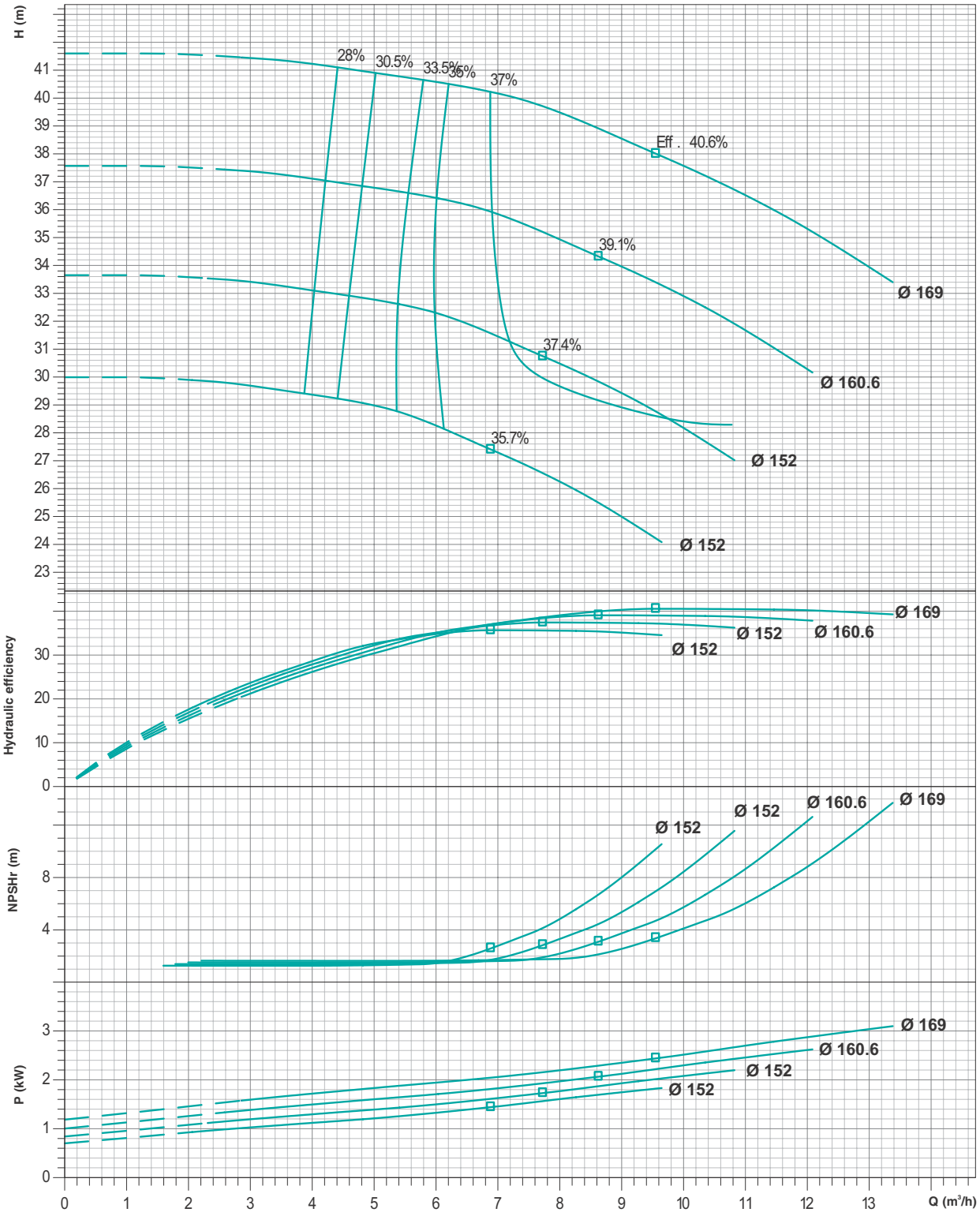
PERFORMANCE CURVES

Model : **TCCH - 25/160**

Speed : **2900 rpm**

Suc x Del (in mm) : **40 x 25**

Max. Impeller Ø : **169mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

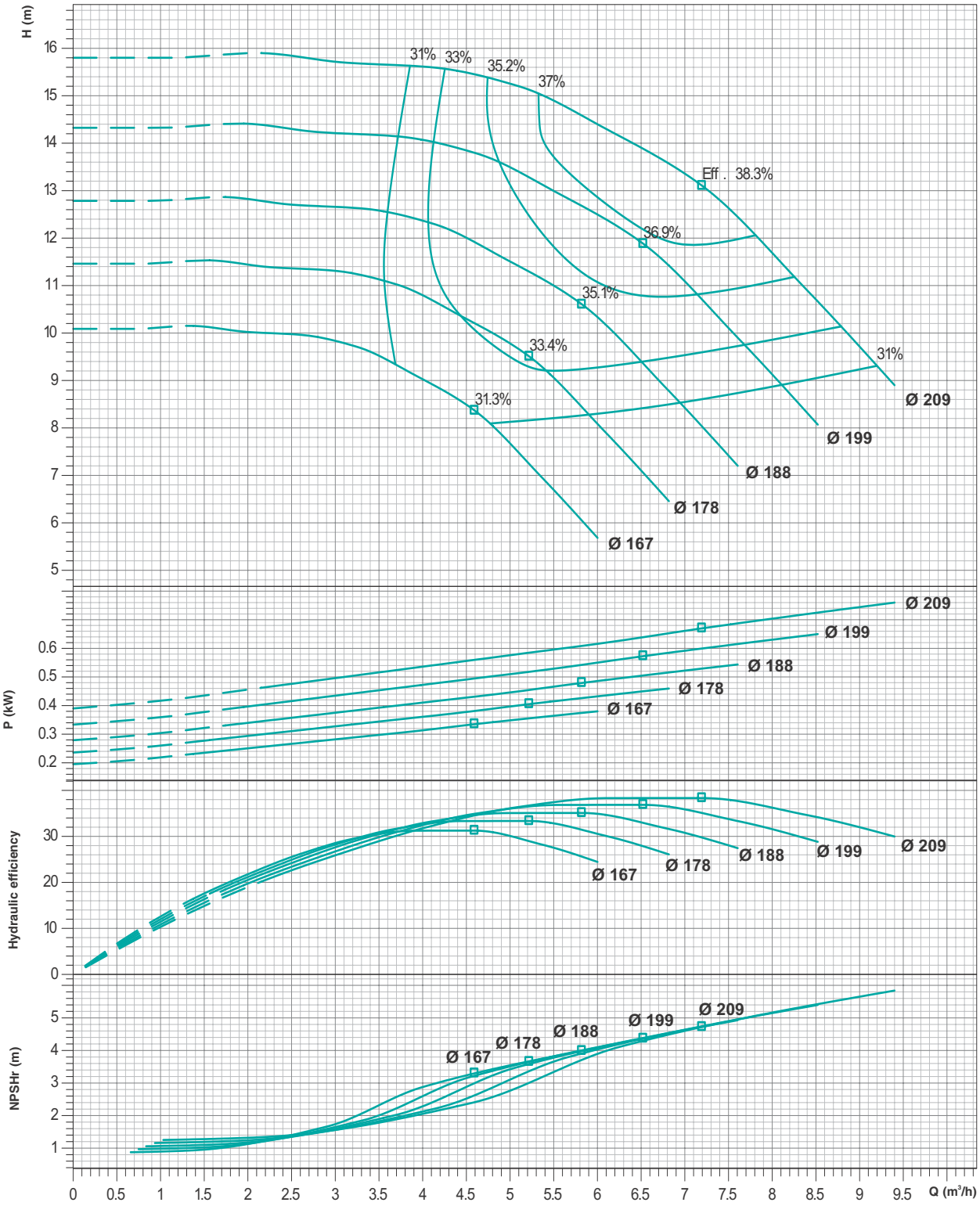
PERFORMANCE CURVES

Model : **TCCH - 25/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **40 x 25**

Max. Impeller Ø : **209mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

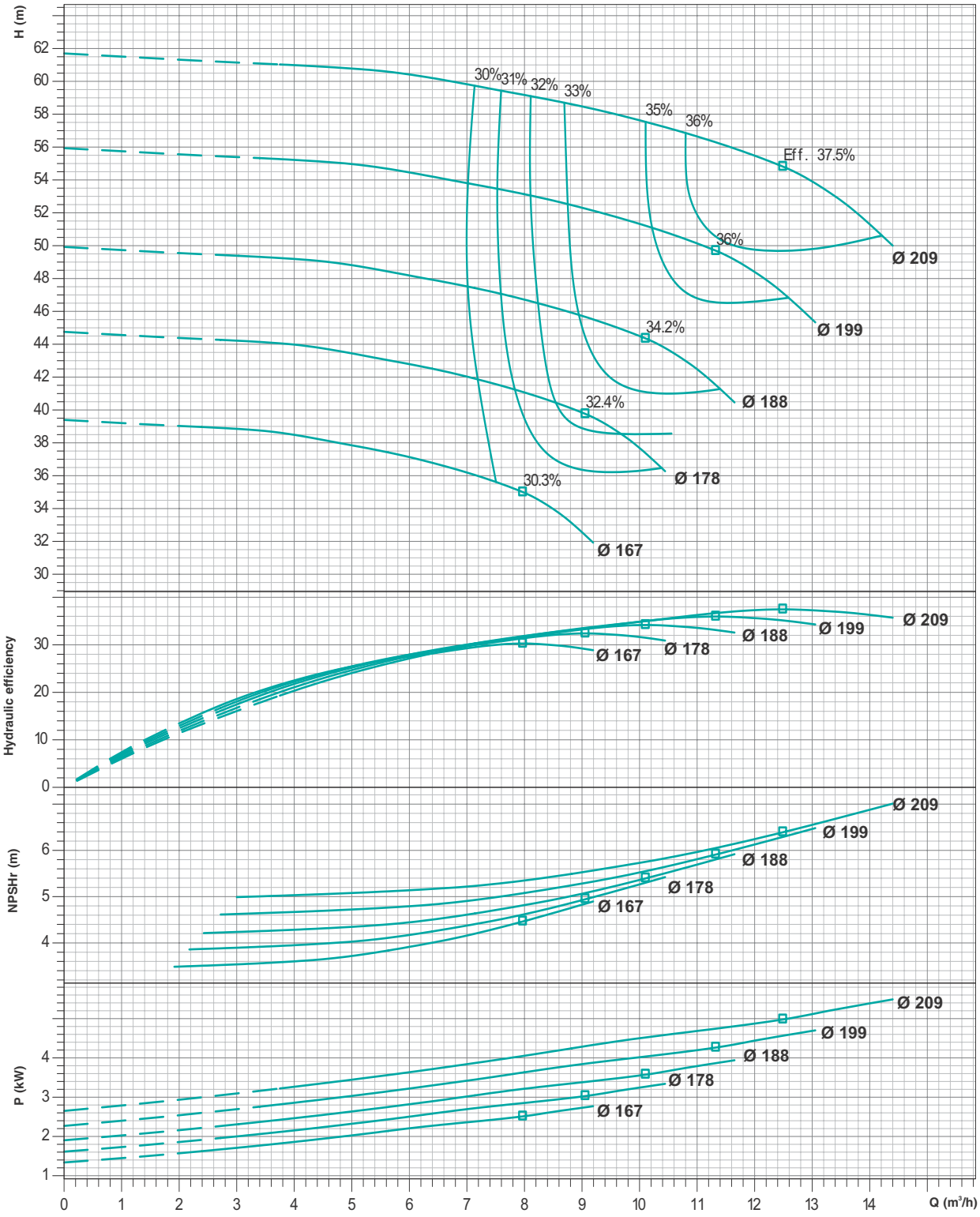
PERFORMANCE CURVES

Model : **TCCH - 25/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **40 x 25**

Max. Impeller Ø : **209mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

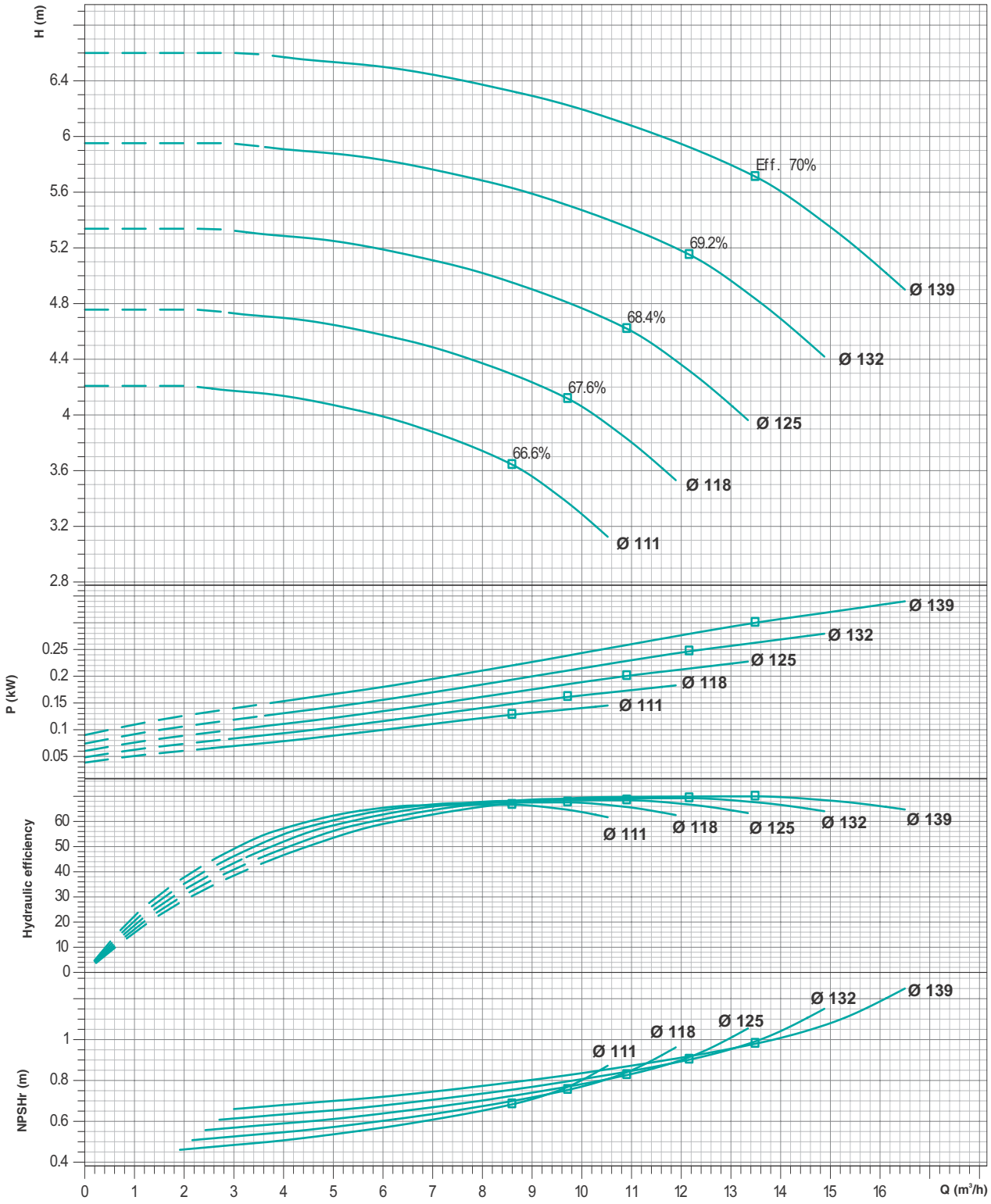
PERFORMANCE CURVES

Model : **TCCH - 32/125**

Speed : **1450 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **139mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

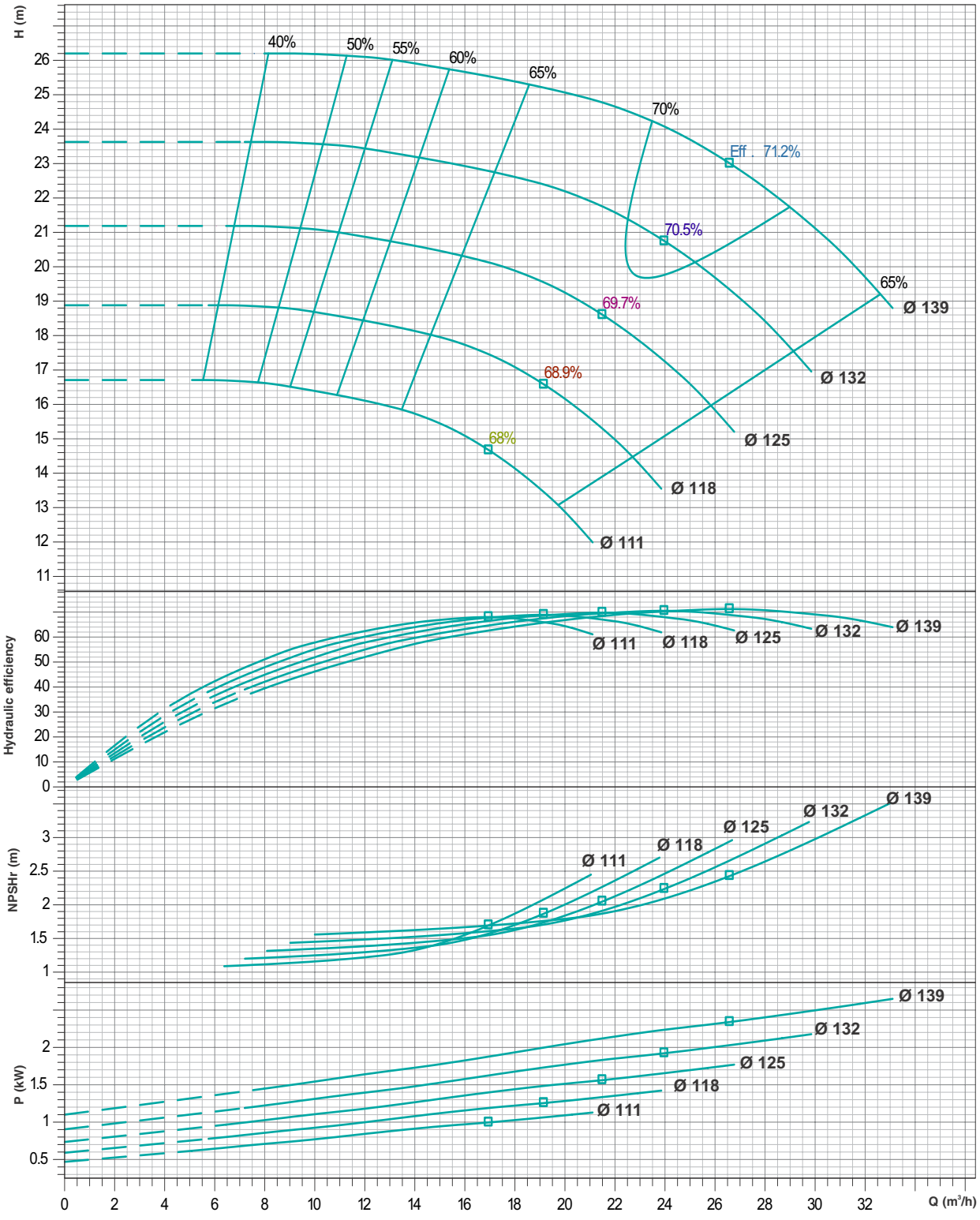
PERFORMANCE CURVES

Model : **TCCH - 32/125**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **139mm**



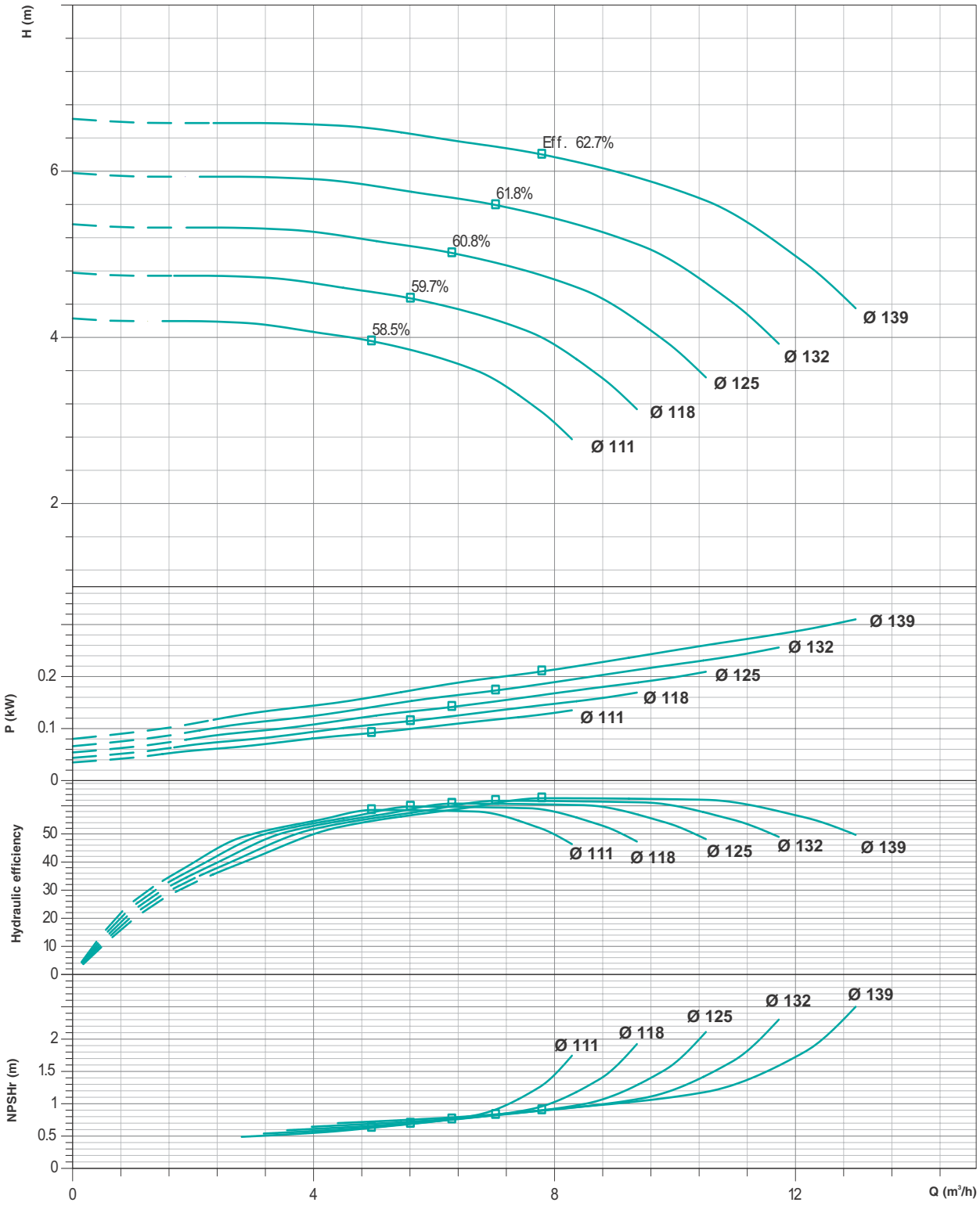
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/125E** Speed : **1450 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **139mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

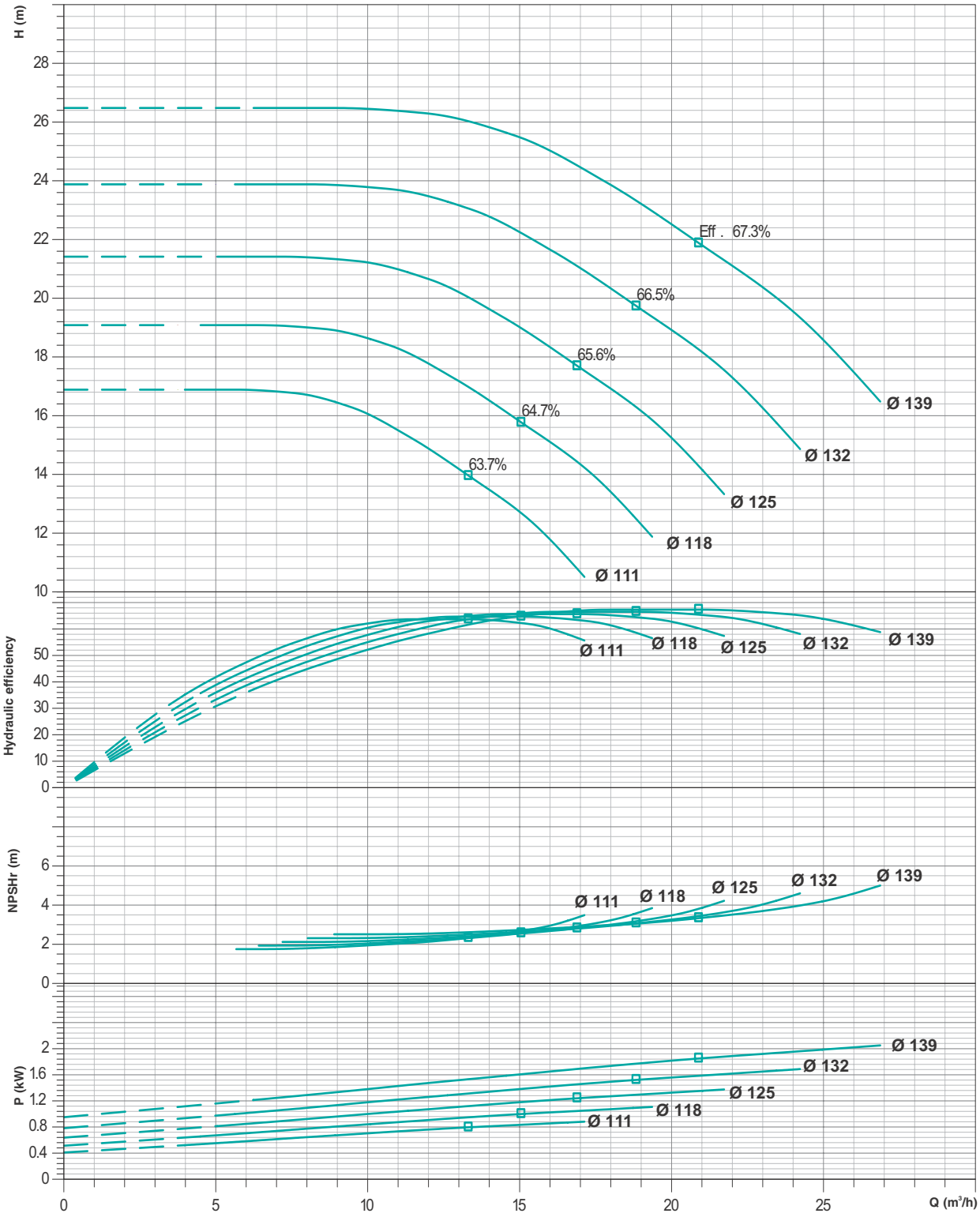
PERFORMANCE CURVES

Model : **TCCH - 32/125E**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **139mm**



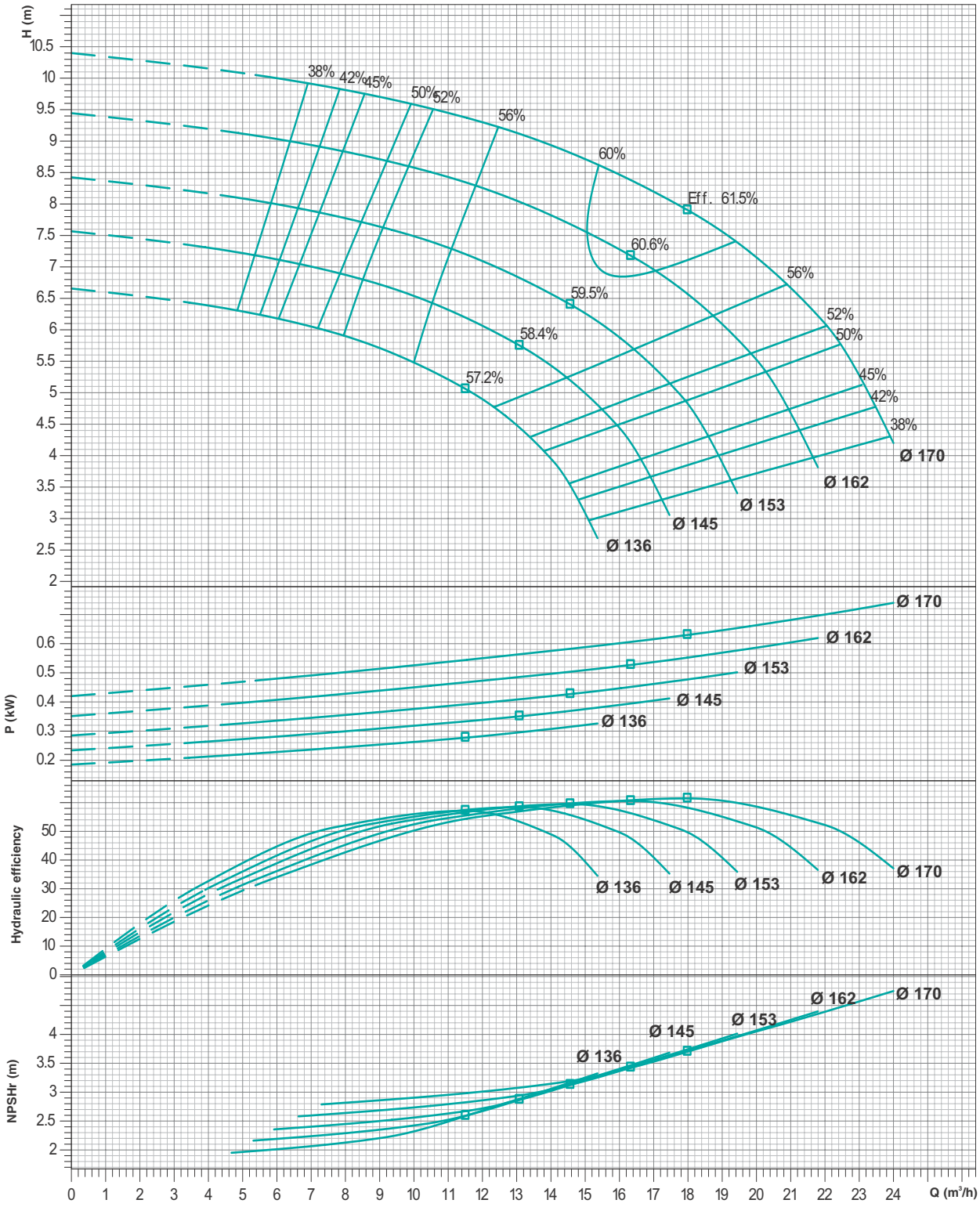
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/160** Speed : **1450 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **170mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

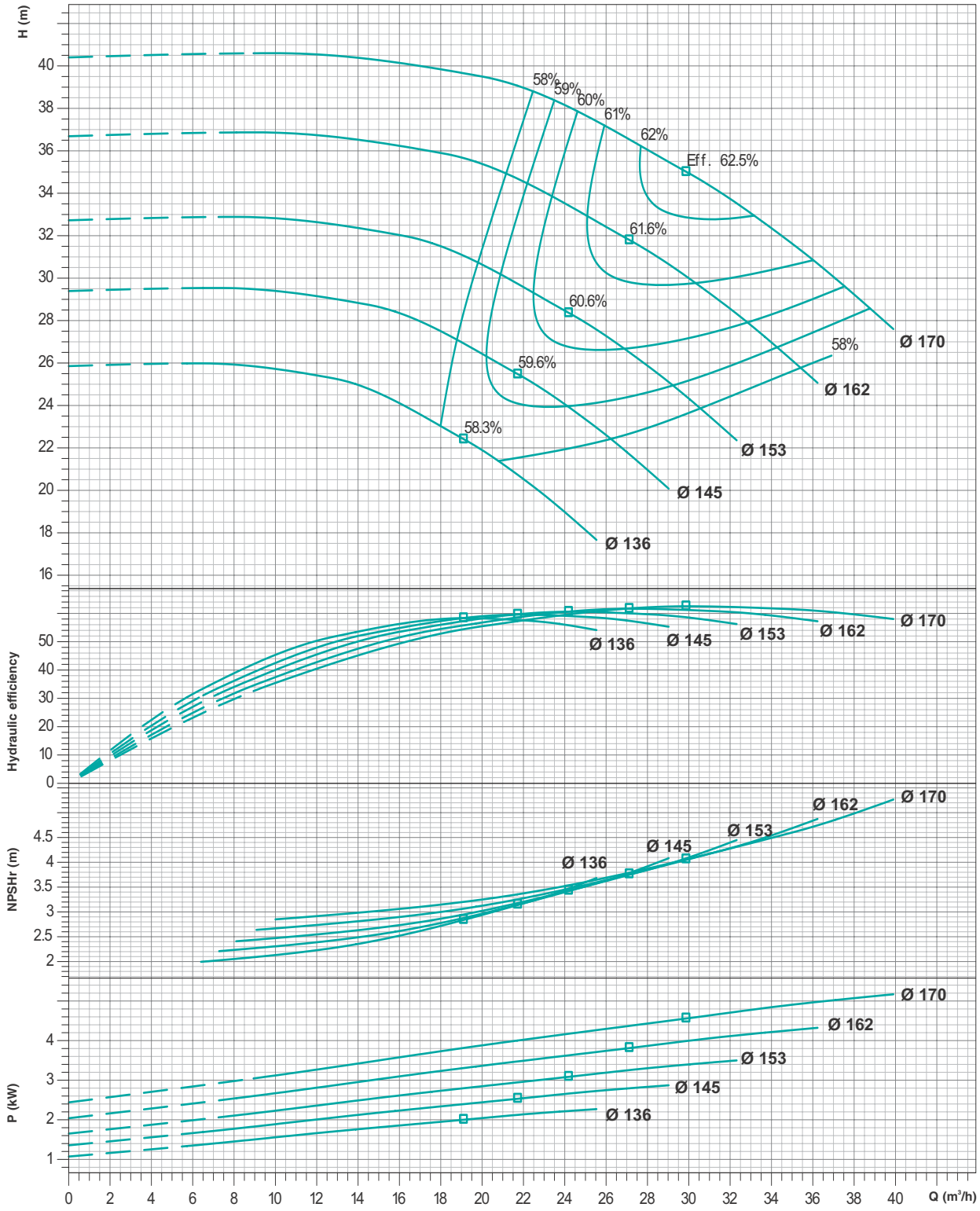
PERFORMANCE CURVES

Model : **TCCH - 32/160**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **170mm**



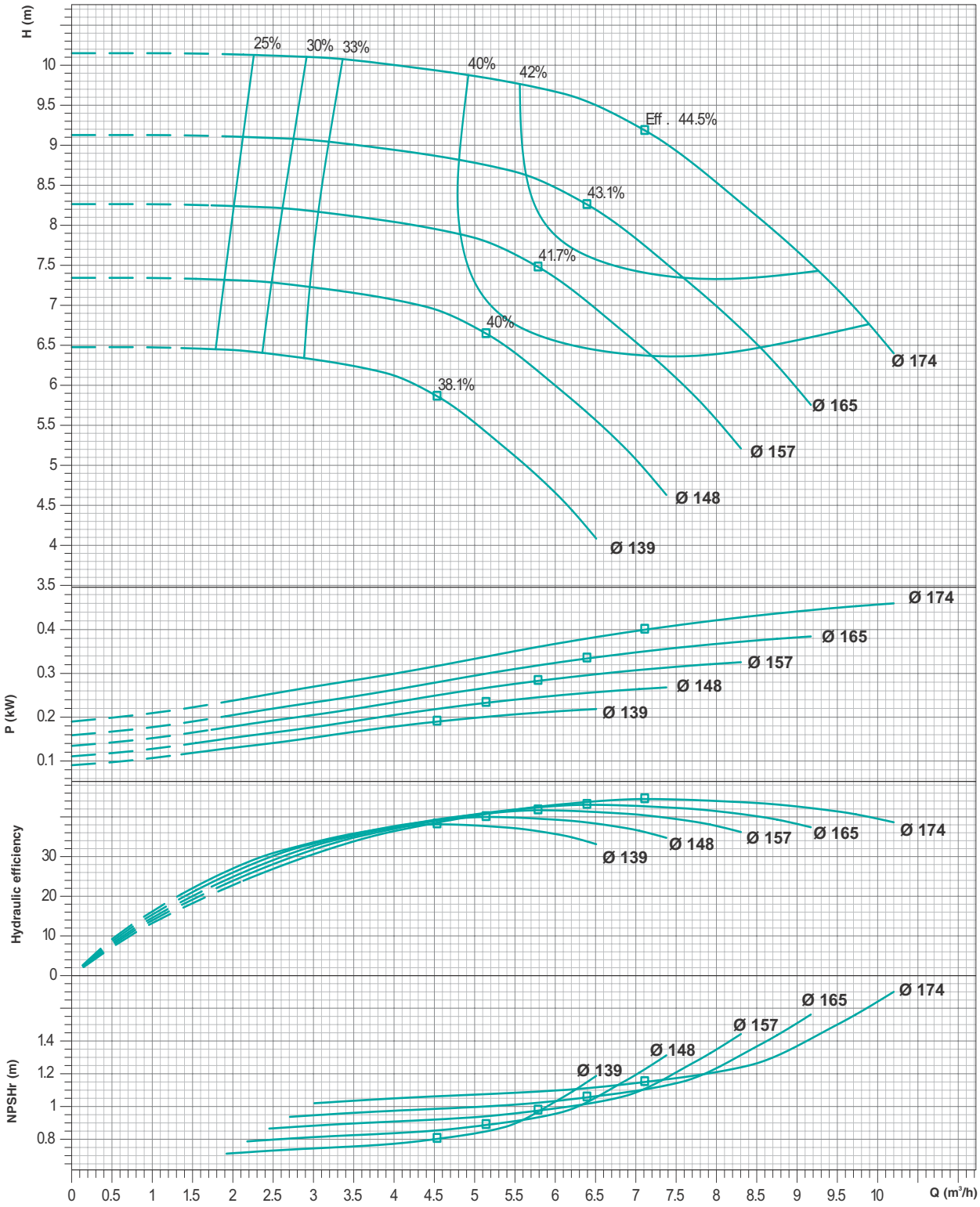
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/160E** Speed : **1450 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **174mm**



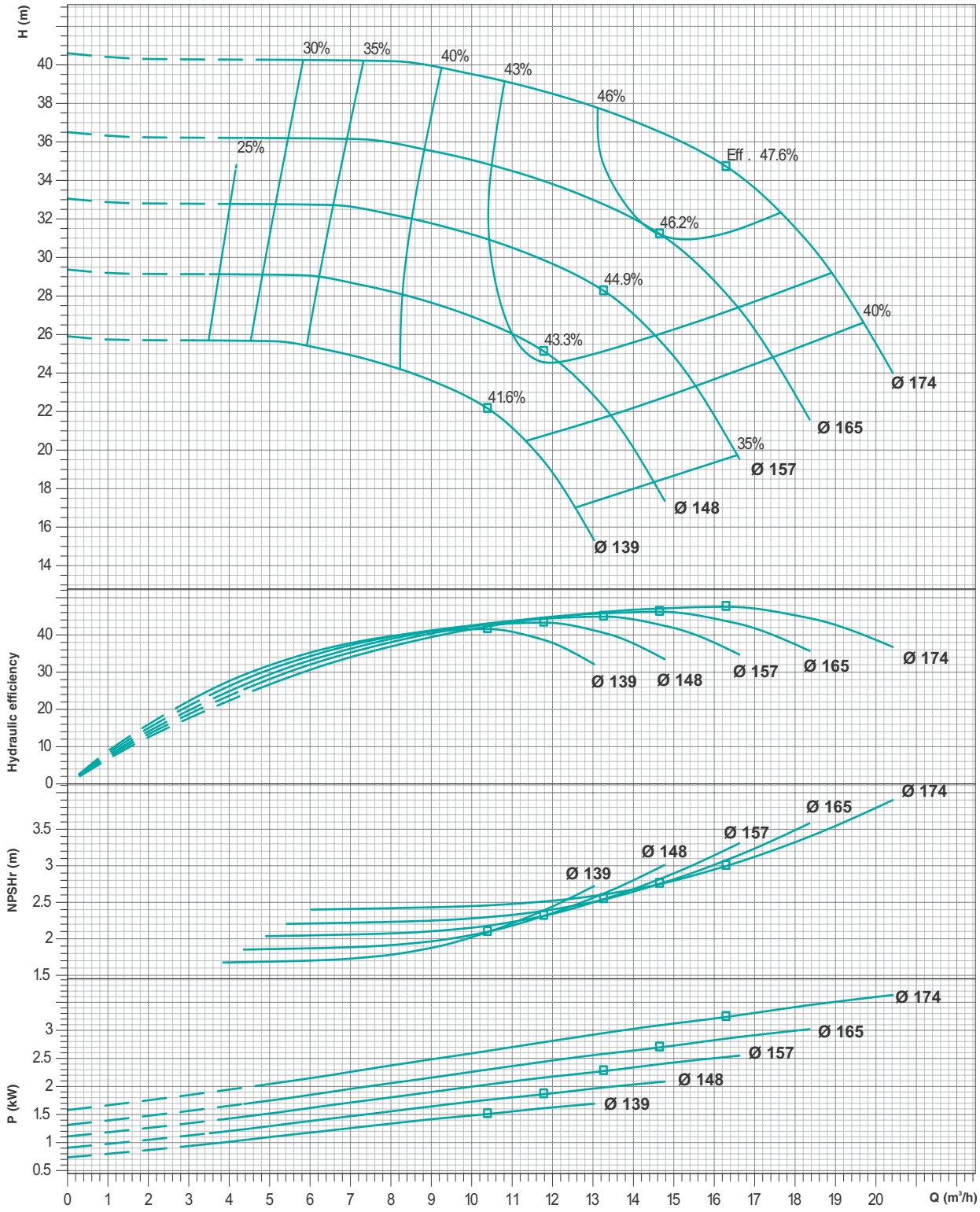
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/160E** Speed : **2900 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **174mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

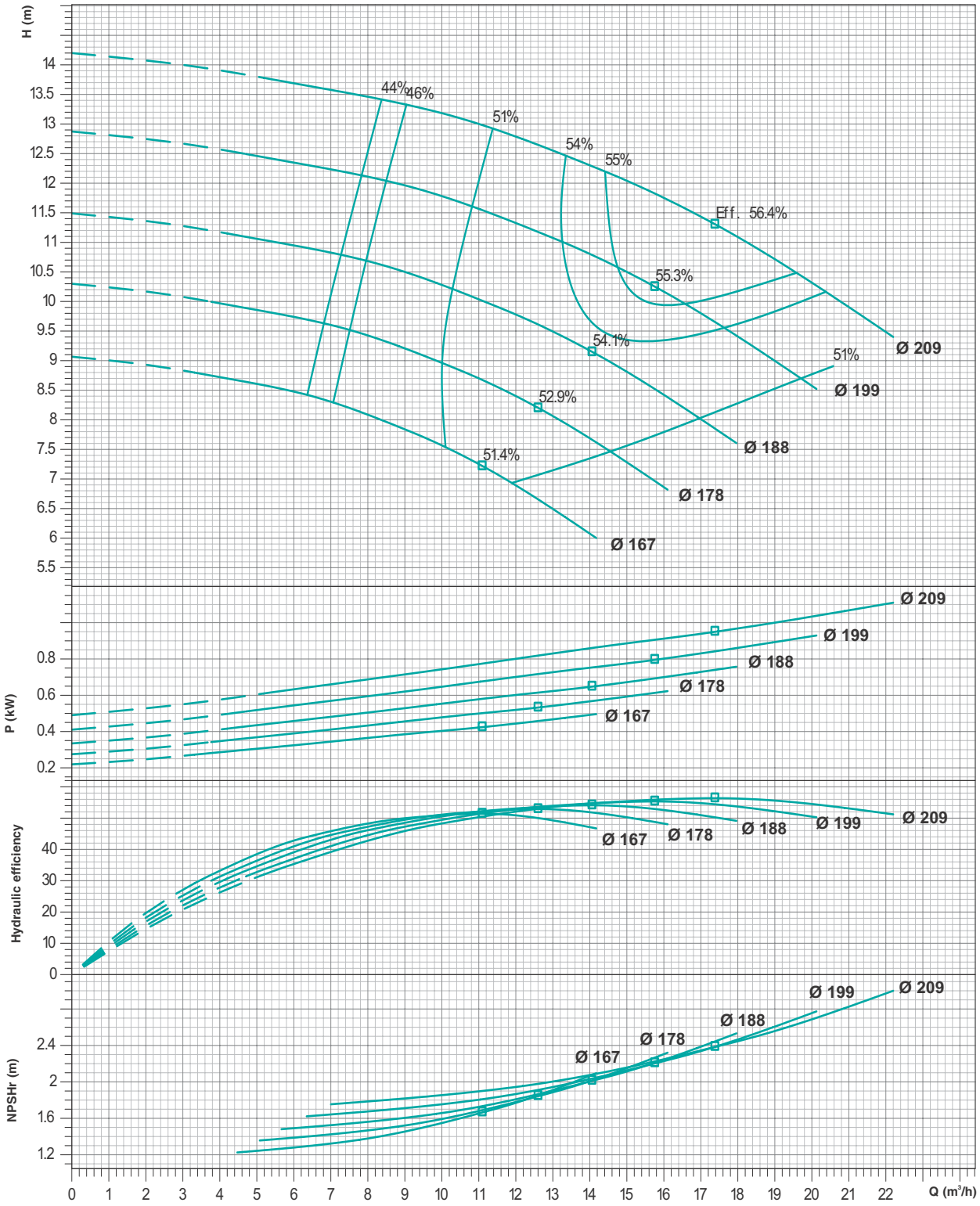
PERFORMANCE CURVES

Model : **TCCH - 32/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **209mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

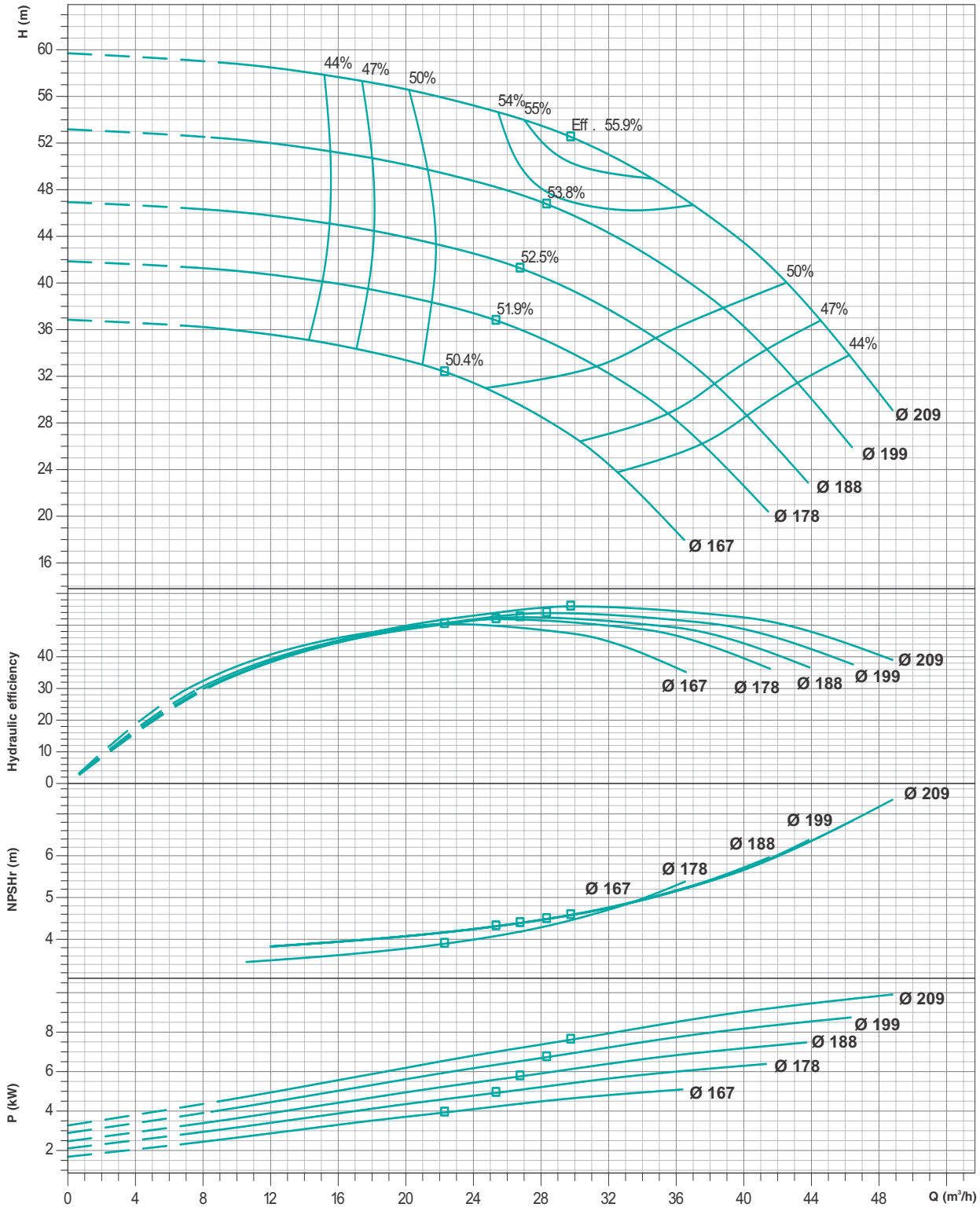
PERFORMANCE CURVES

Model : **TCCH - 32/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **209mm**



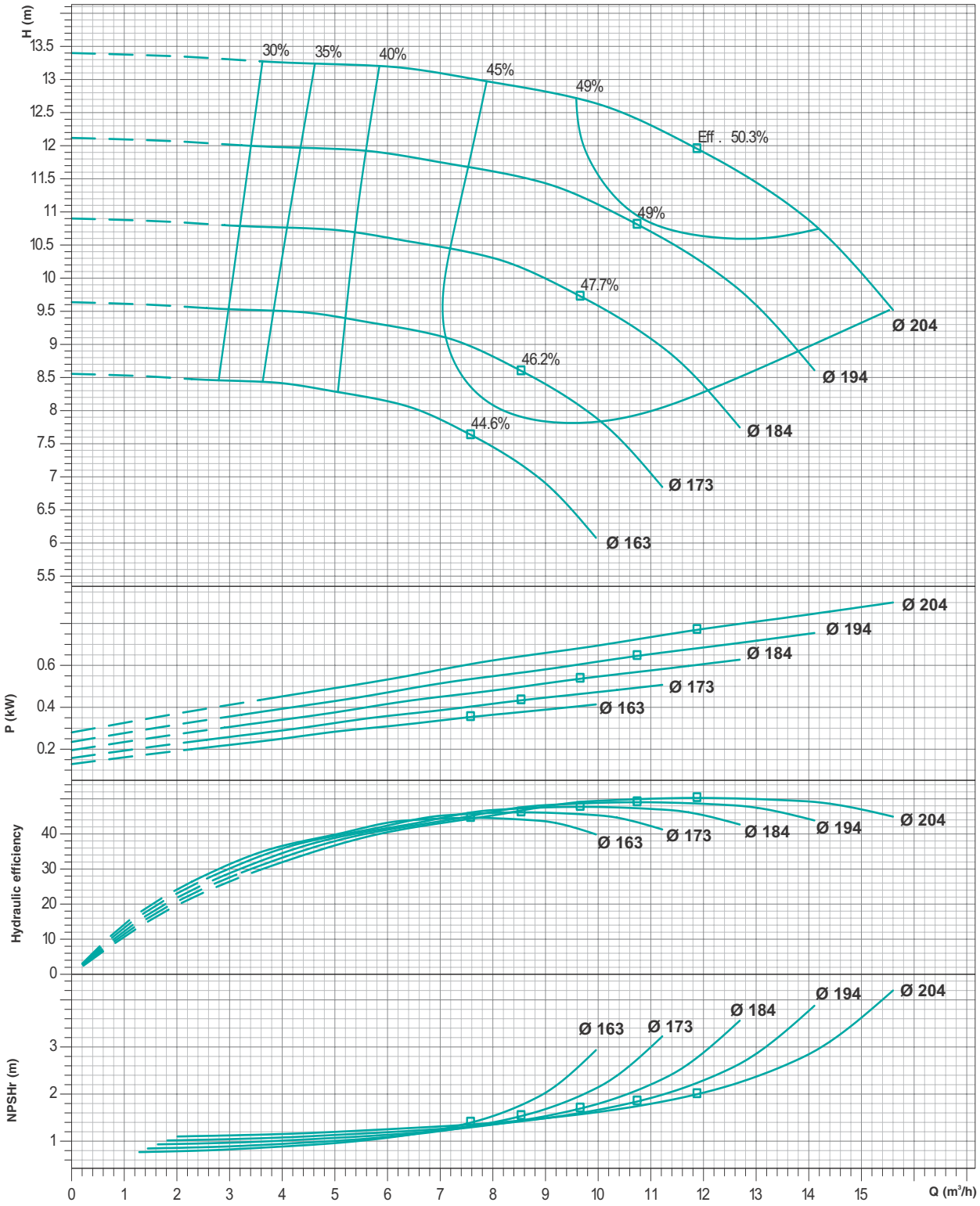
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/200E** Speed : **1450 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **204mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

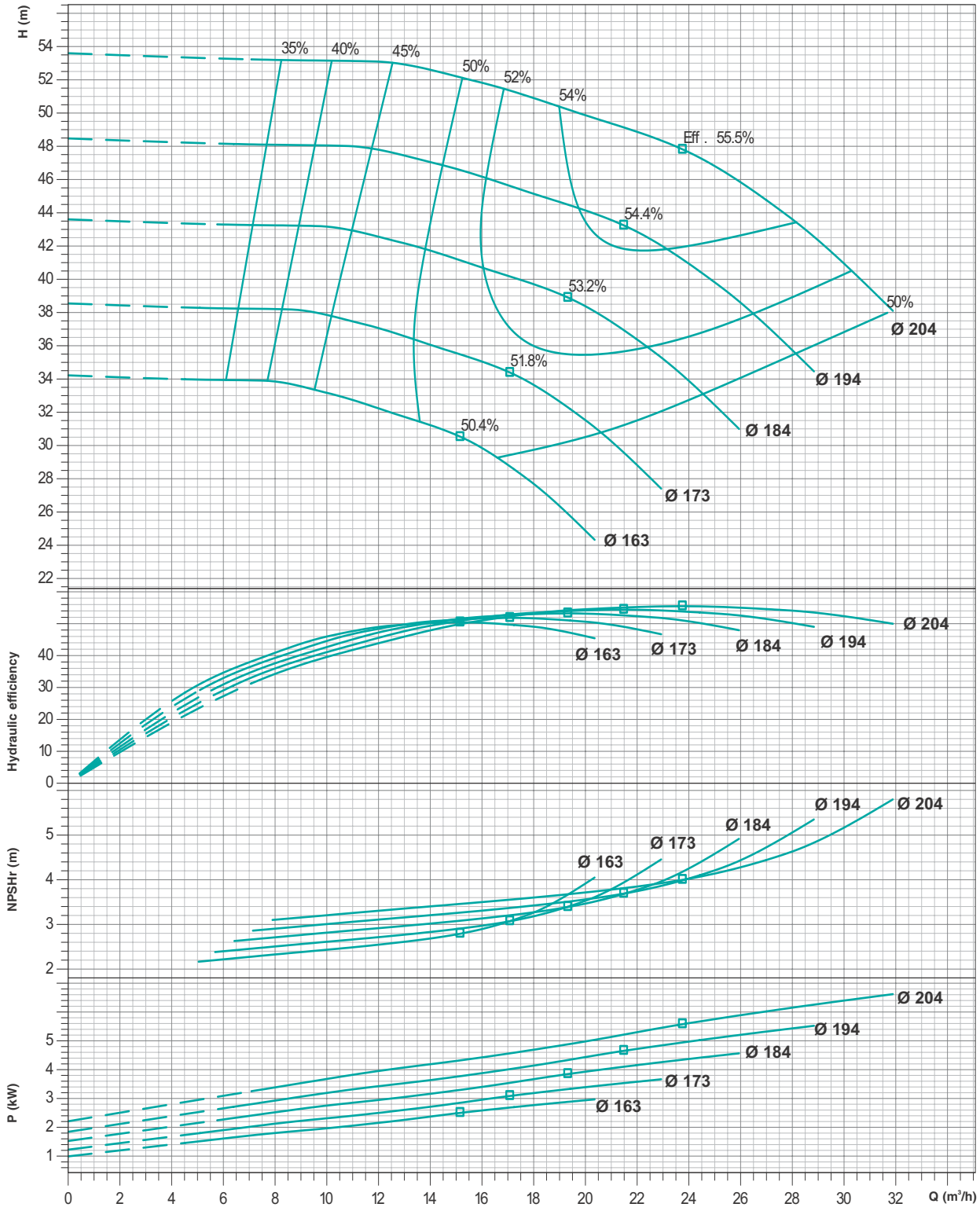
PERFORMANCE CURVES

Model : **TCCH - 32/200E**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **204mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

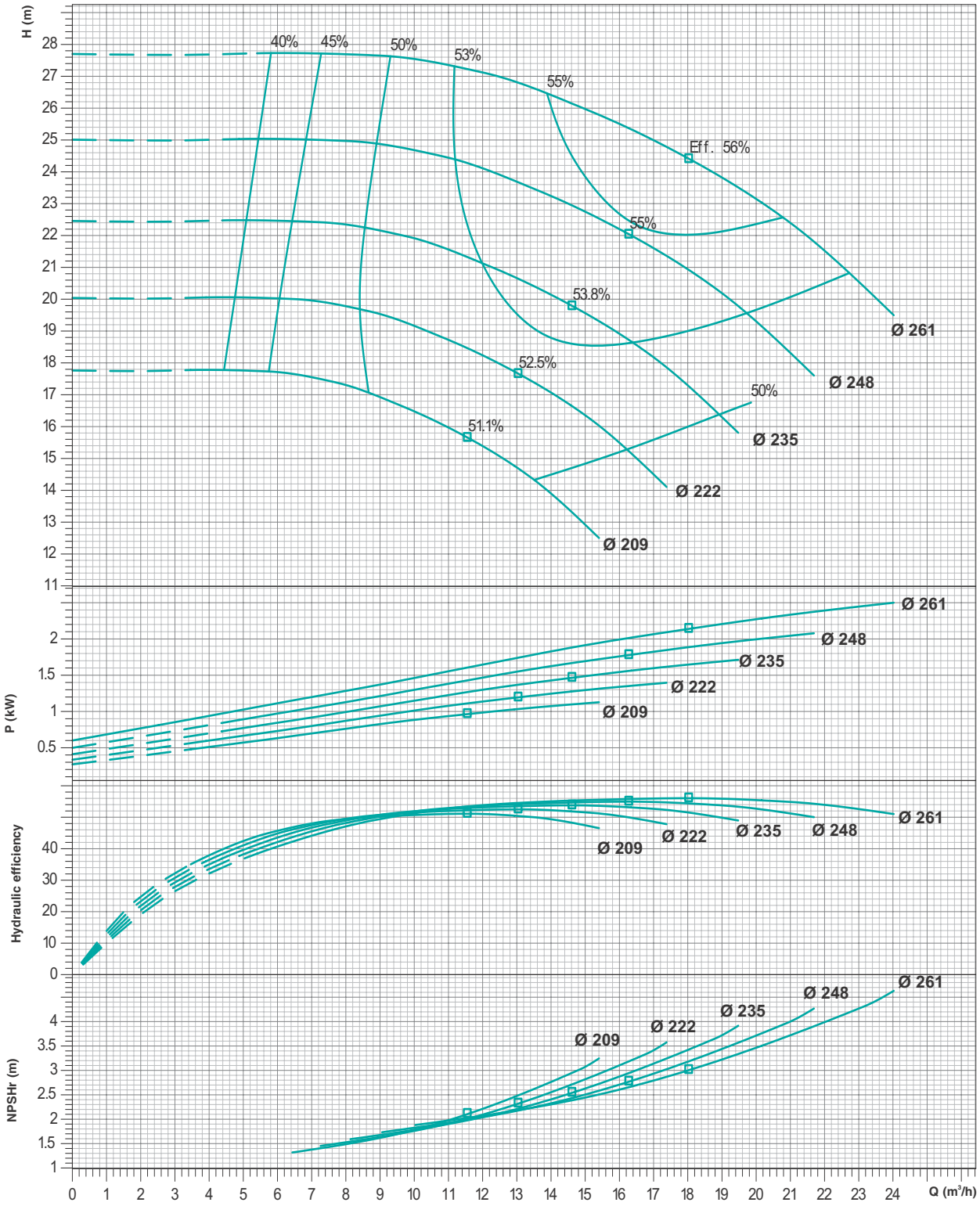
PERFORMANCE CURVES

Model : **TCCH - 32/250**

Speed : **1450 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **261mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

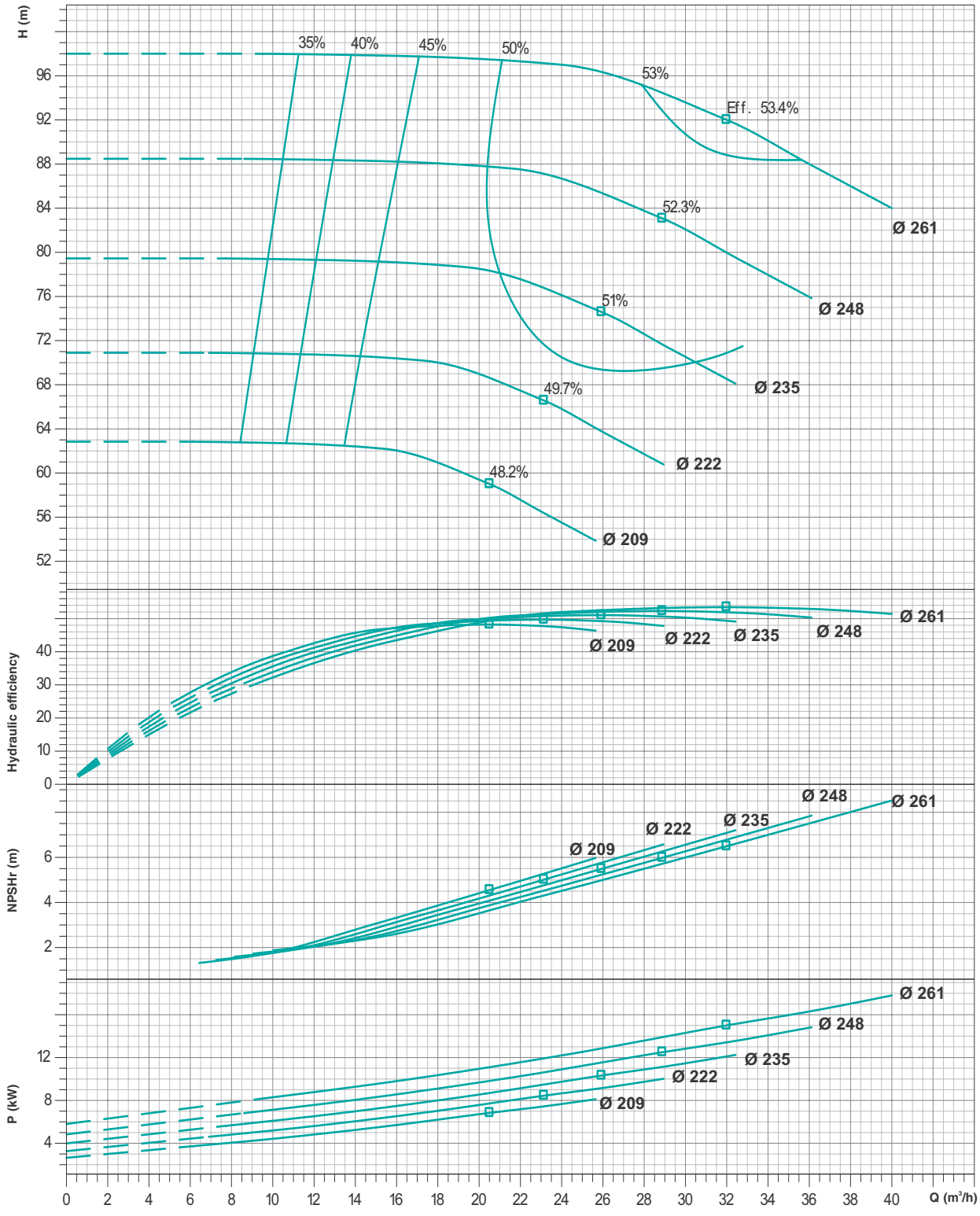
PERFORMANCE CURVES

Model : **TCCH - 32/250**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **261mm**



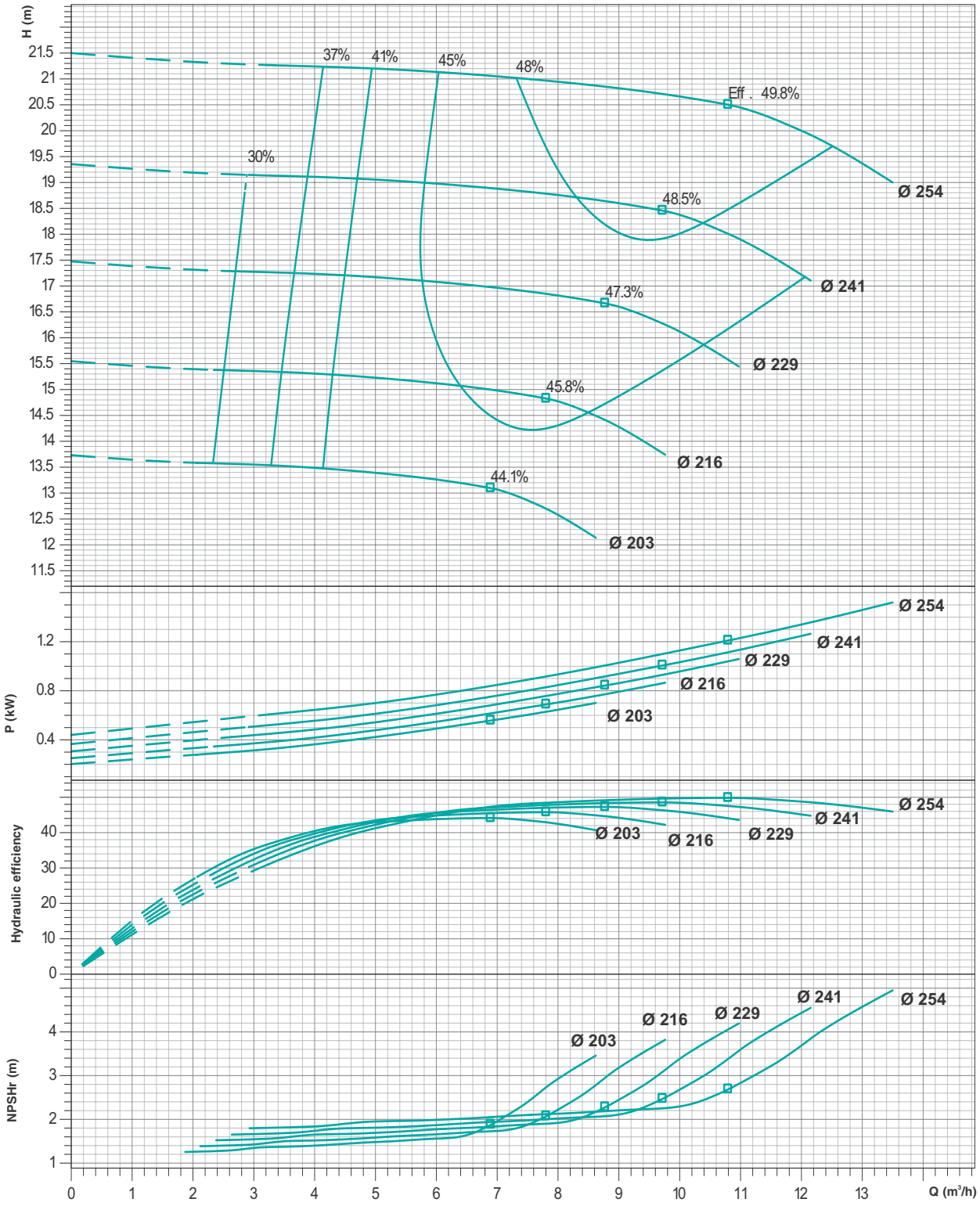
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 32/250E** Speed : **1450 rpm** Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **254mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

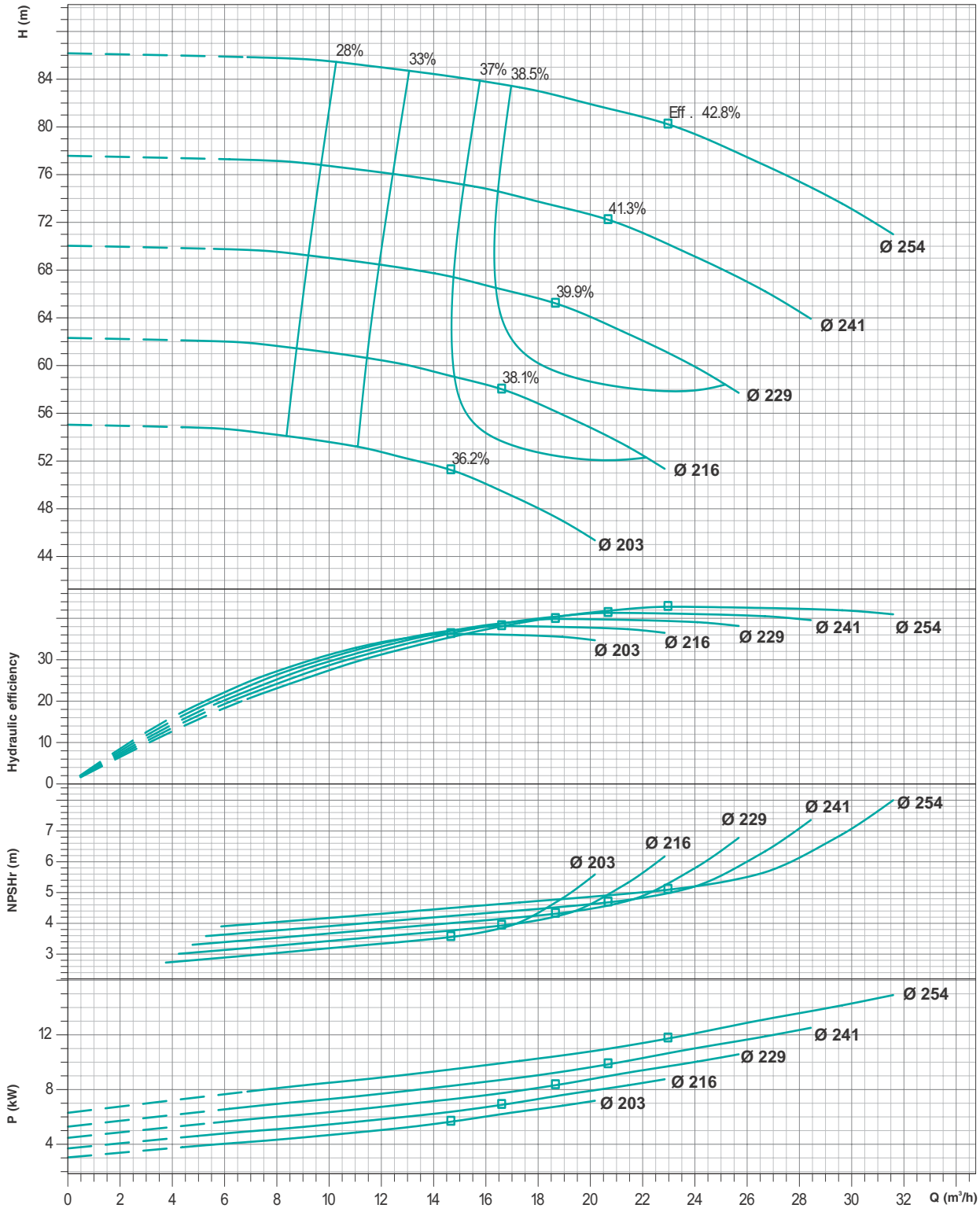
PERFORMANCE CURVES

Model : **TCCH - 32/250E**

Speed : **2900 rpm**

Suc x Del (in mm) : **50 x 32**

Max. Impeller Ø : **254mm**



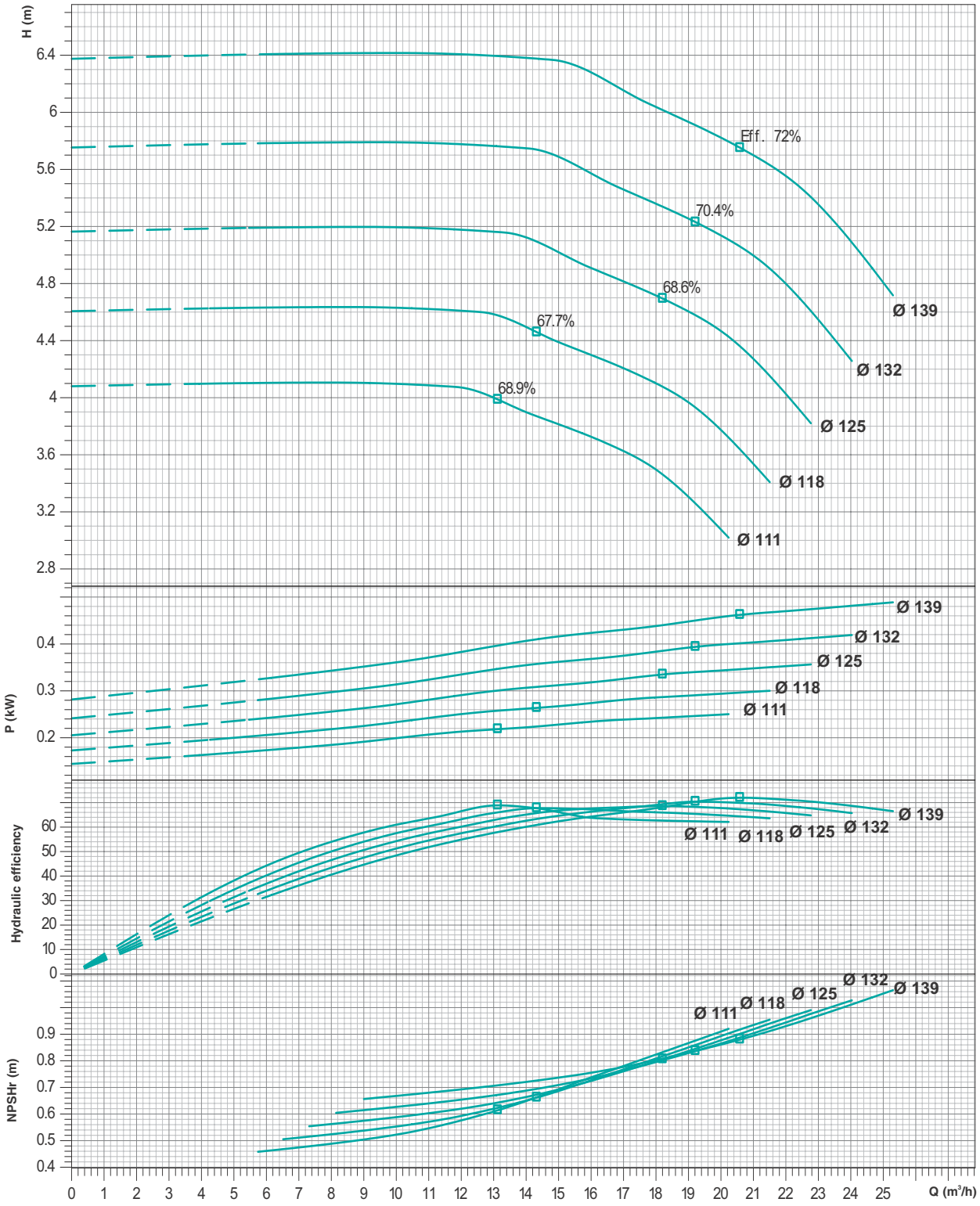
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 40/125** Speed : **1450 rpm** Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **139mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

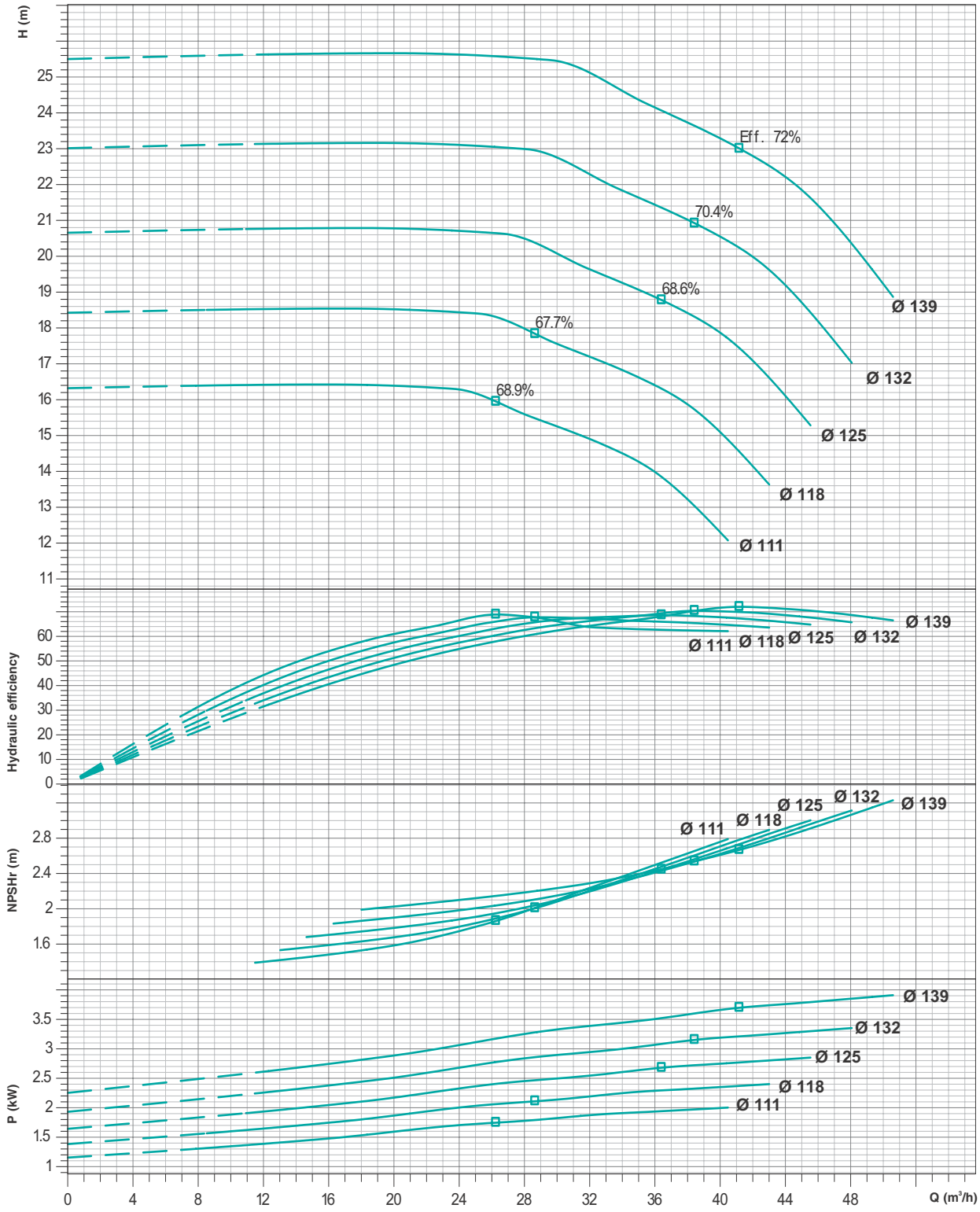
PERFORMANCE CURVES

Model : **TCCH - 40/125**

Speed : **2900 rpm**

Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **139mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

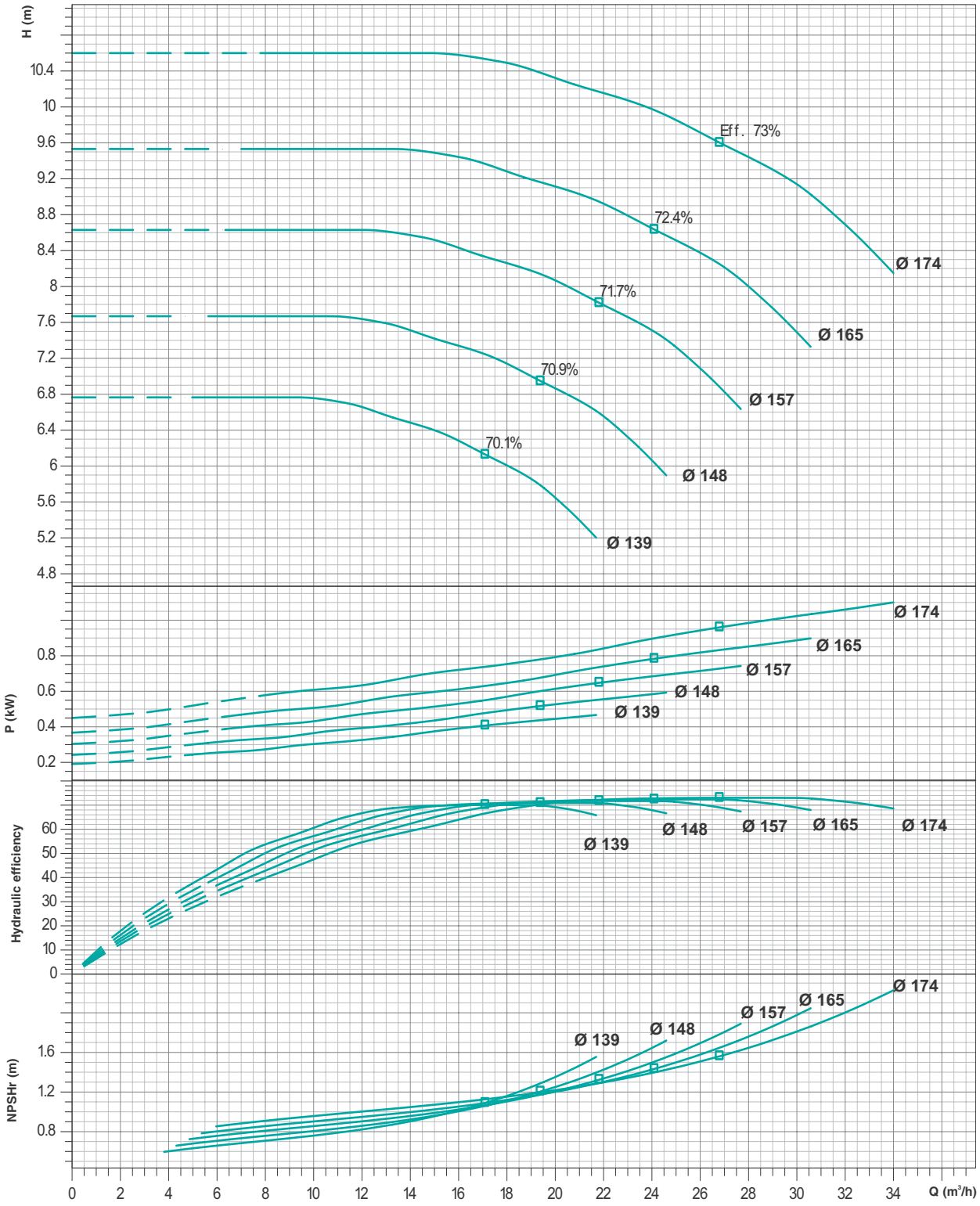
PERFORMANCE CURVES

Model : **TCCH - 40/160**

Speed : **1450 rpm**

Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **174mm**



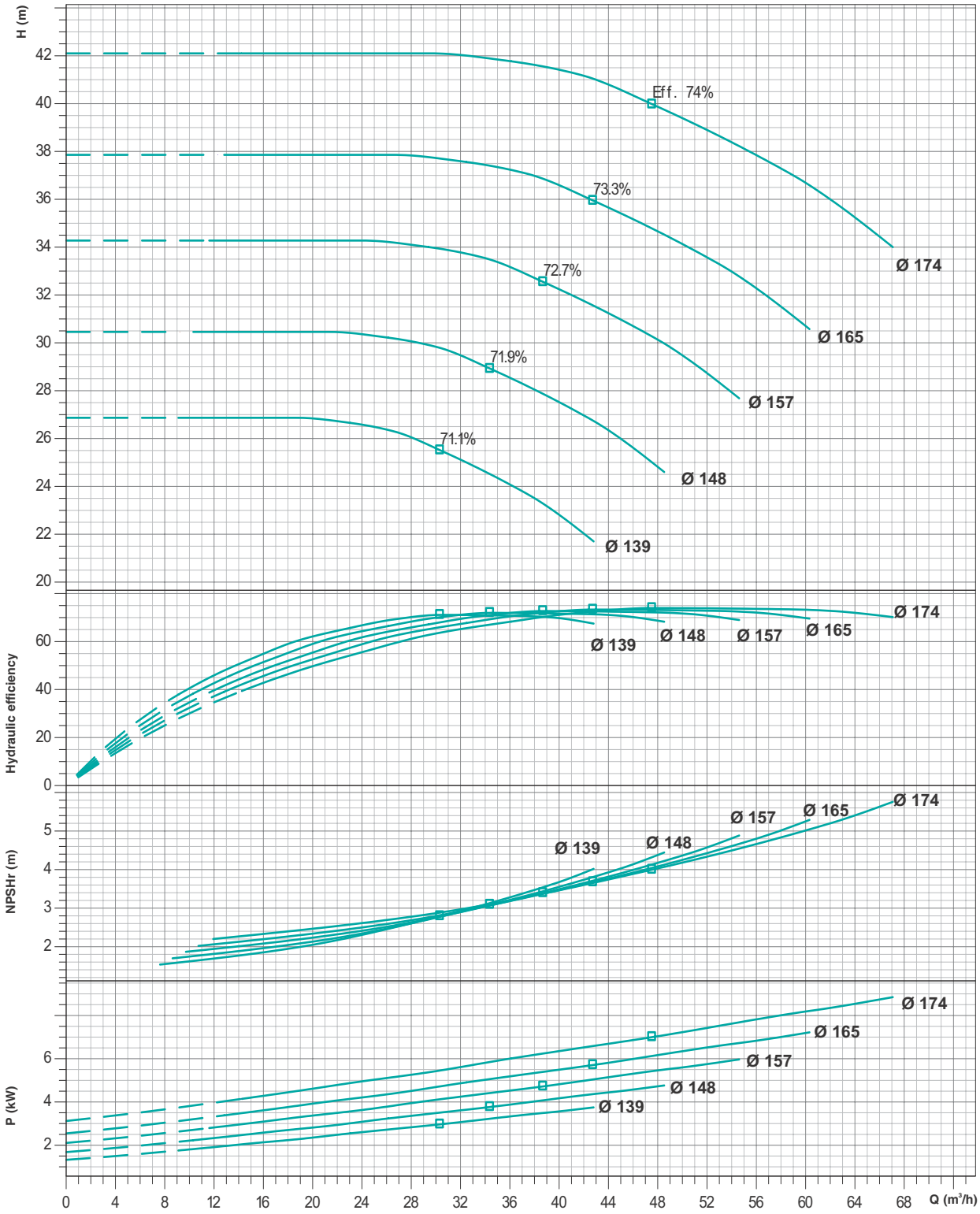
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 40/160** Speed : **2900 rpm** Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **174mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

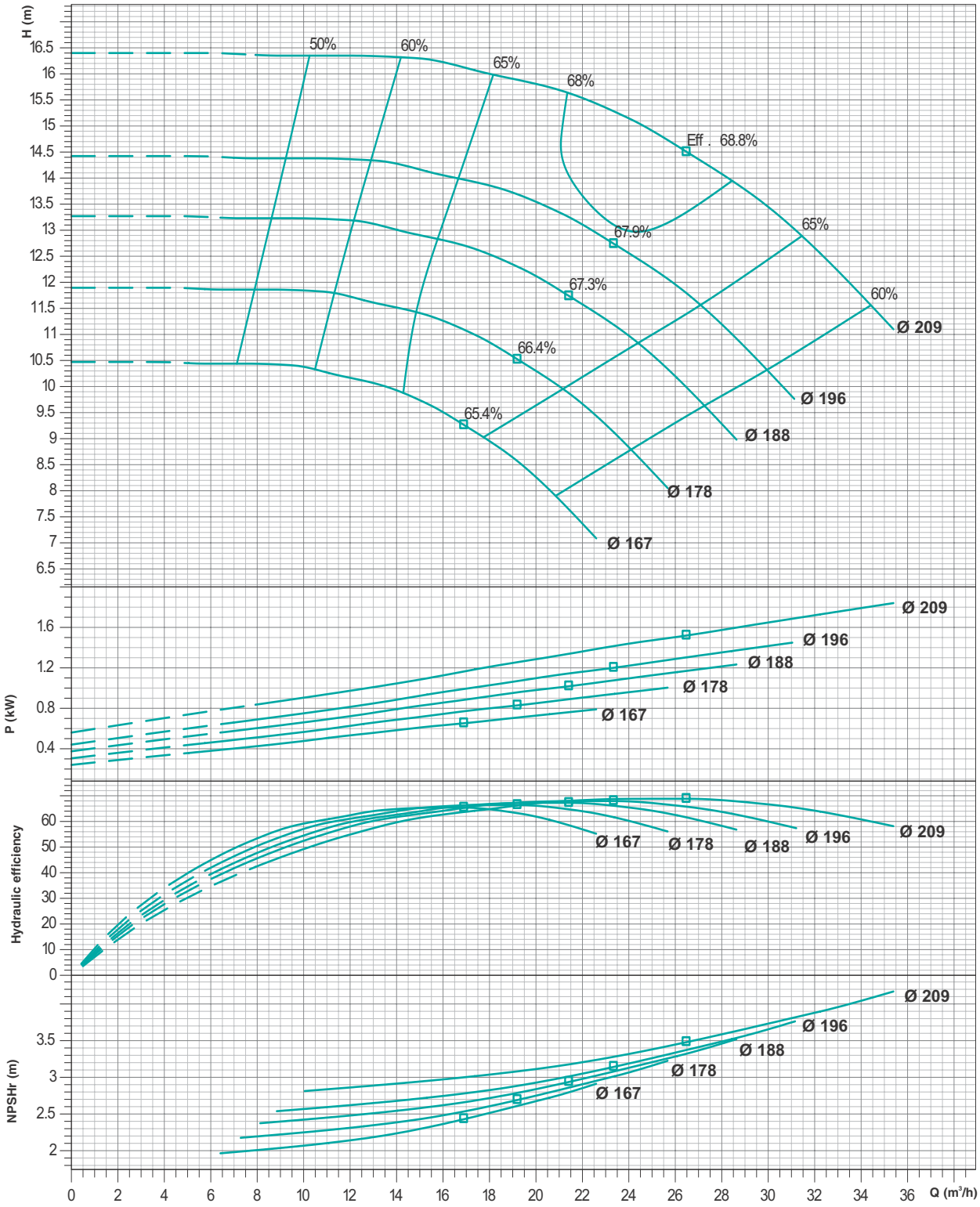
PERFORMANCE CURVES

Model : **TCCH - 40/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **209mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

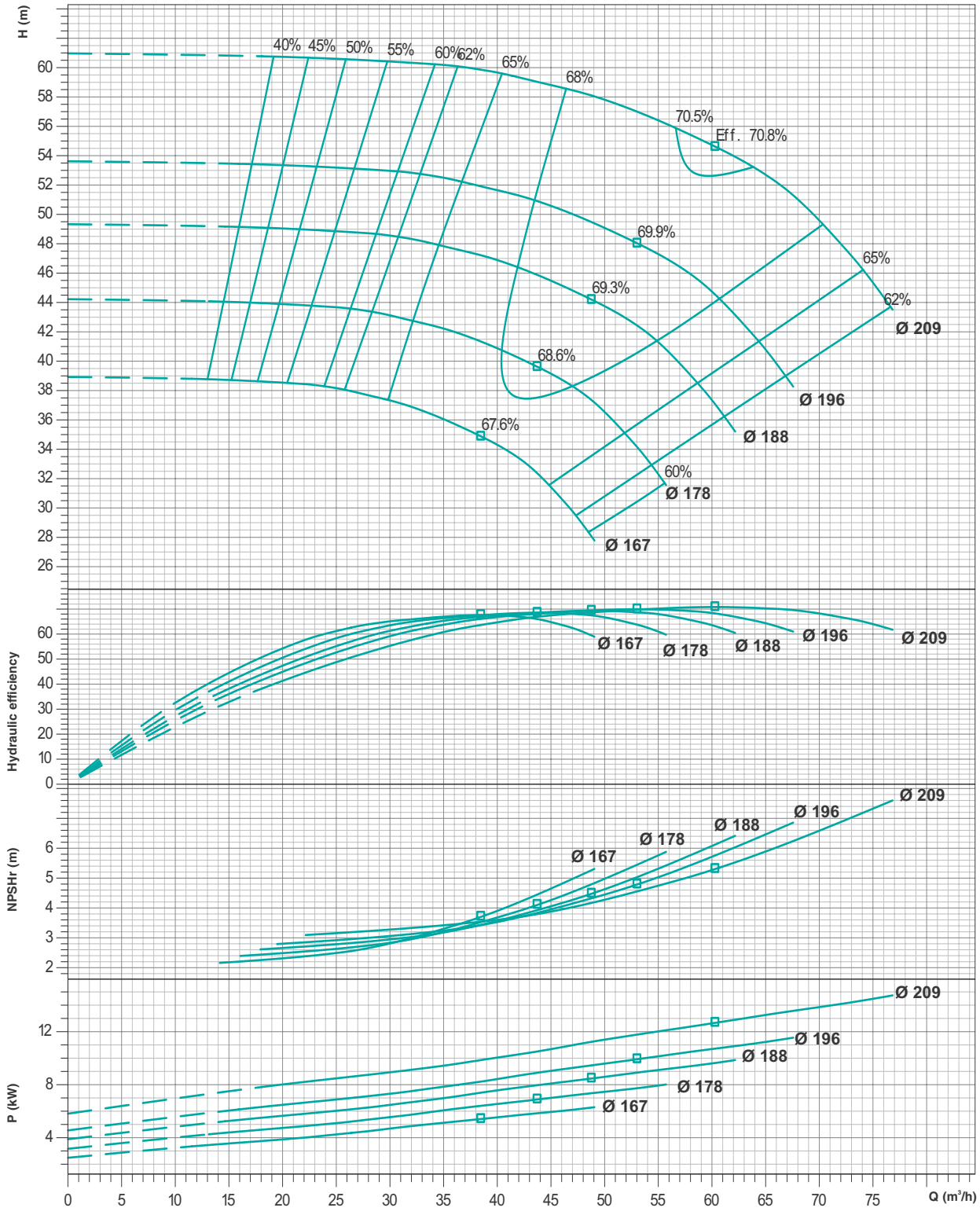
PERFORMANCE CURVES

Model : **TCCH - 40/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **209mm**



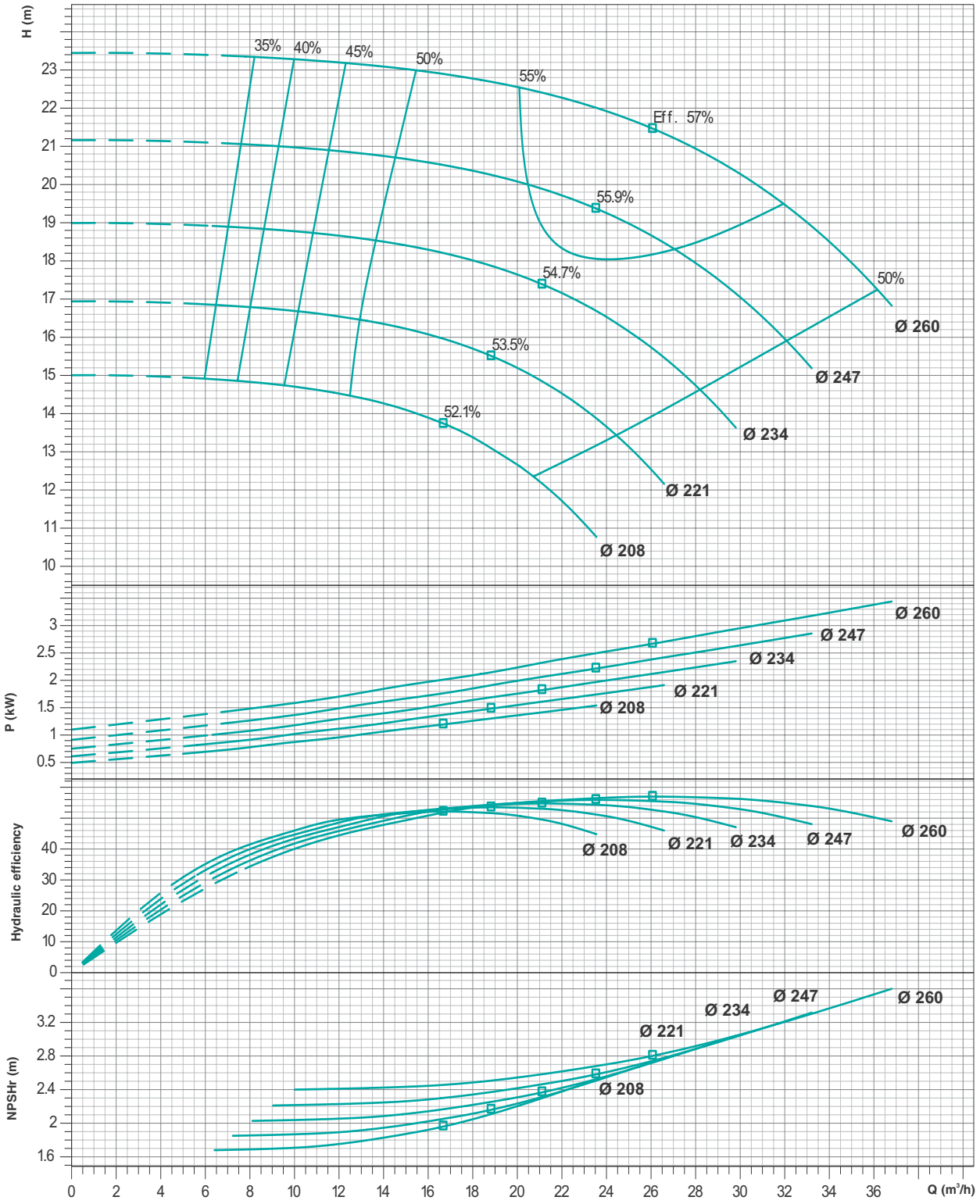
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 40/250** Speed : **1450 rpm** Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **260mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

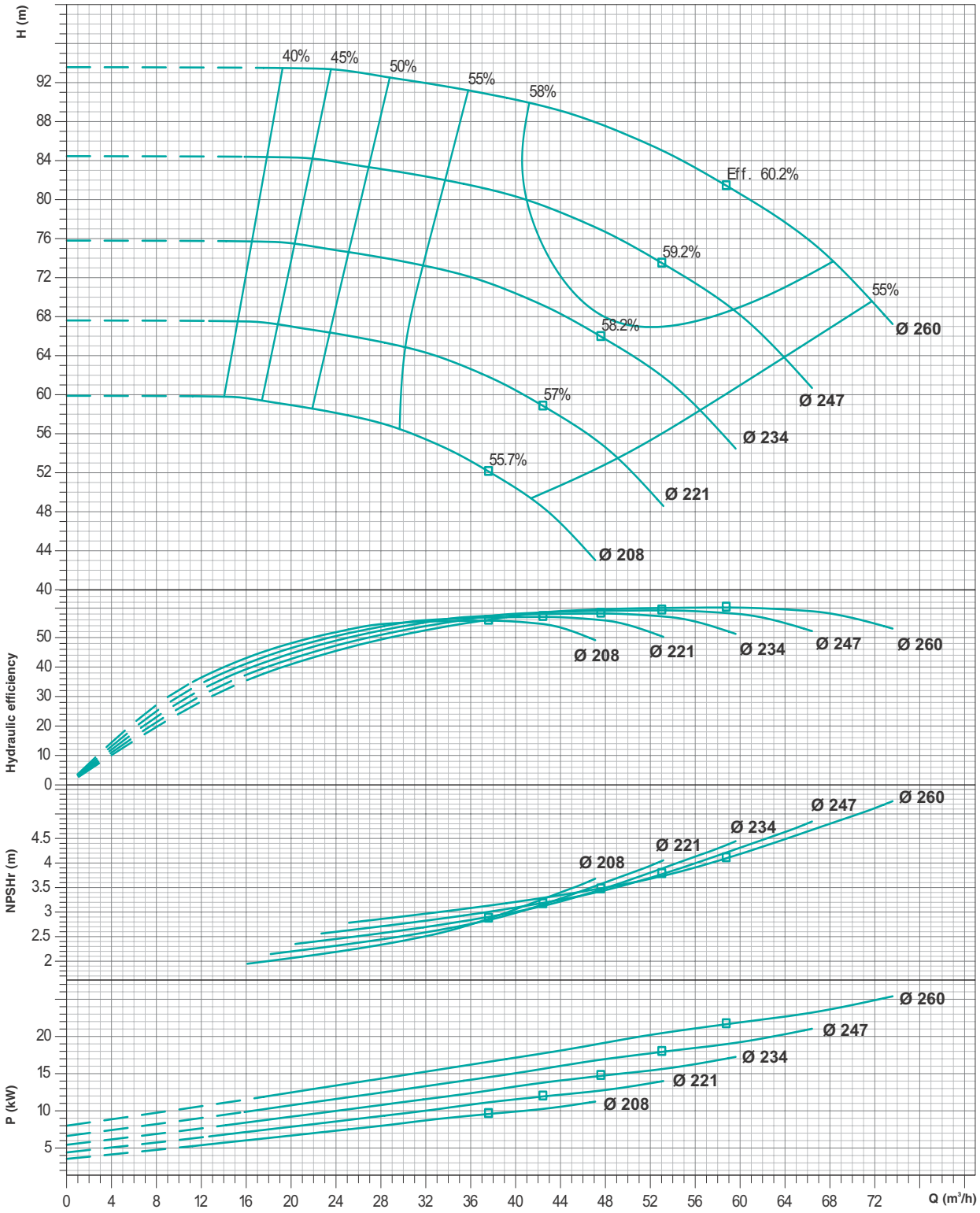
PERFORMANCE CURVES

Model : **TCCH - 40/250**

Speed : **2900 rpm**

Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **260mm**



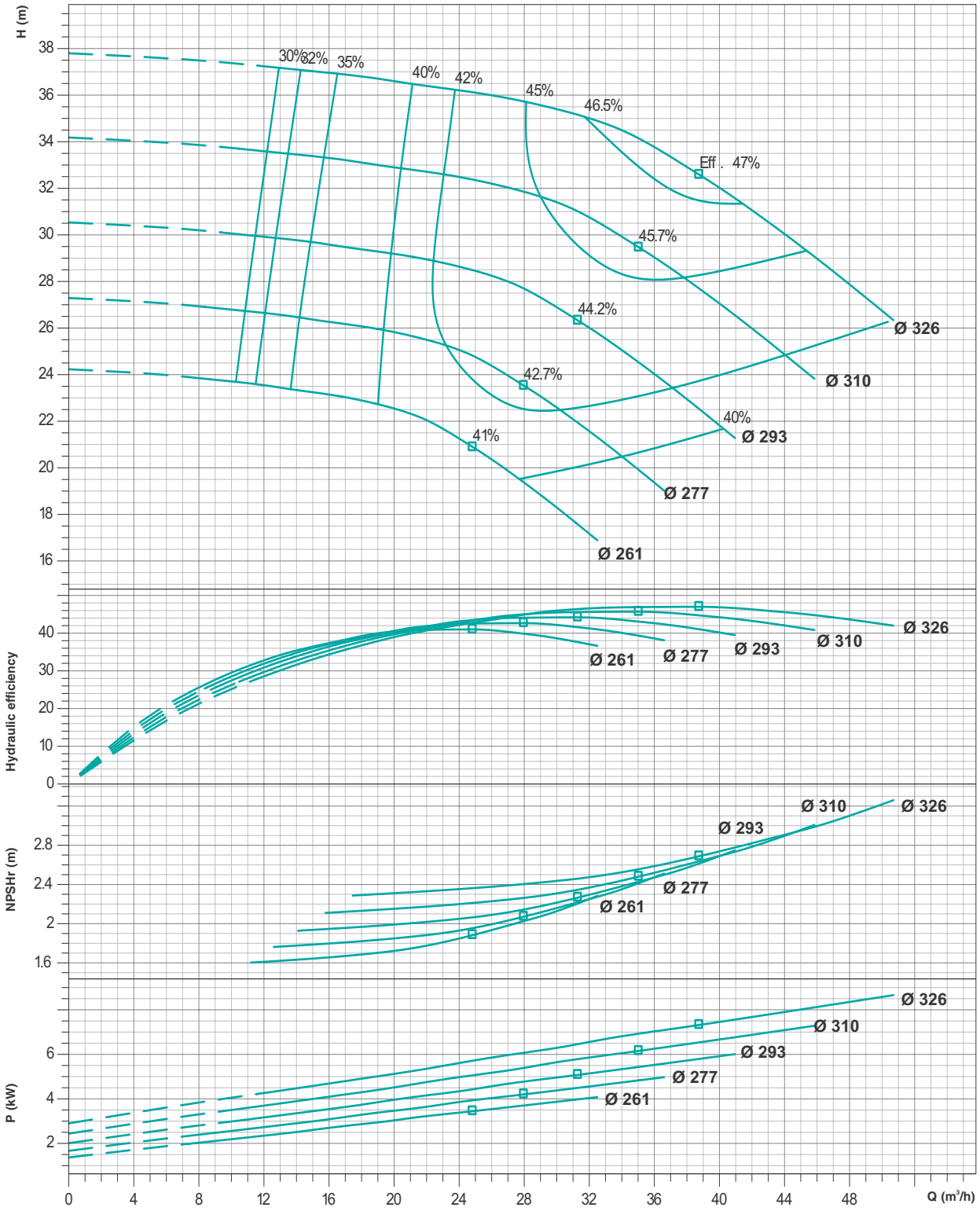
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 40/315** Speed : **1450 rpm** Suc x Del (in mm) : **65 x 40**

Max. Impeller Ø : **326mm**



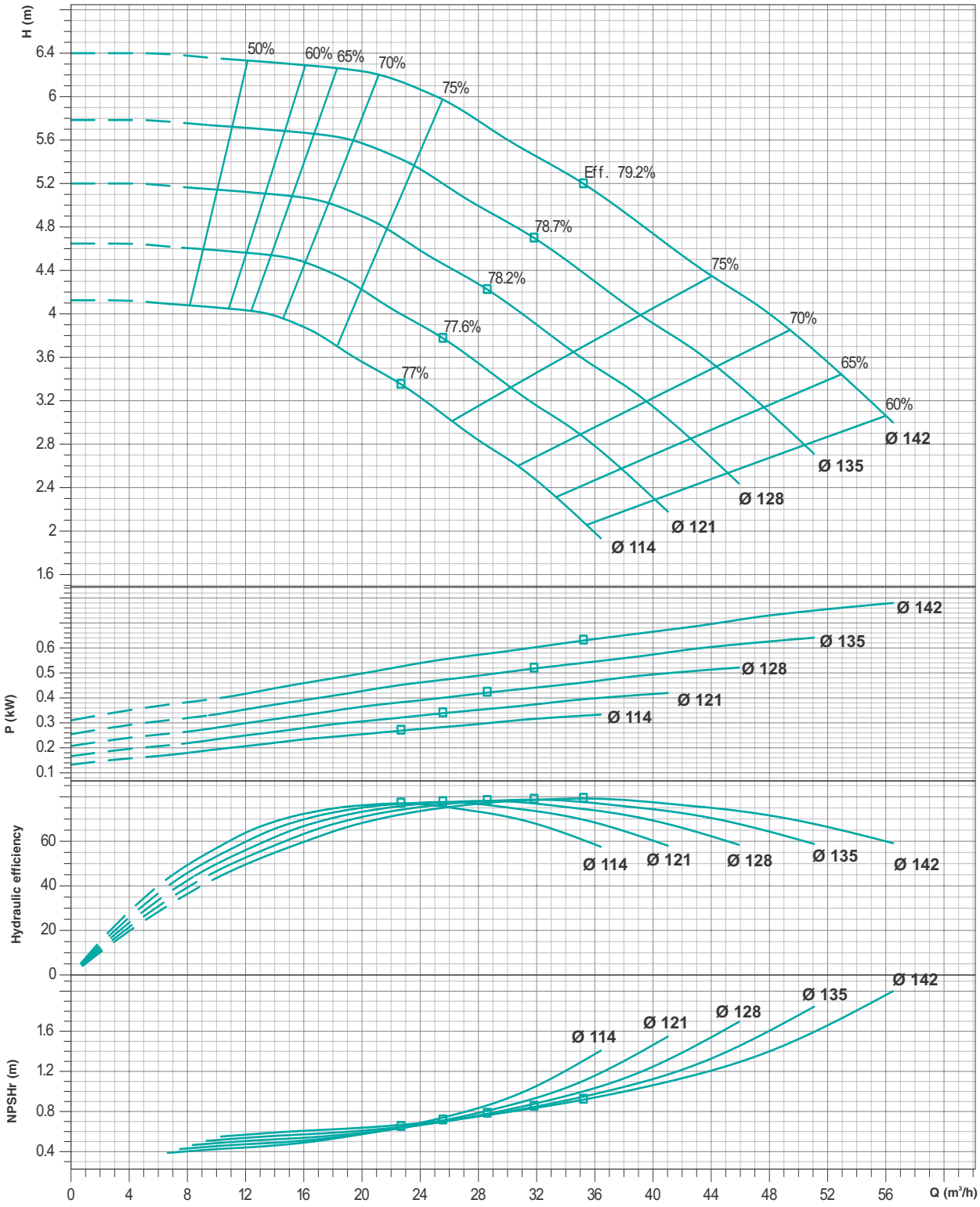
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 50/125** Speed : **1450 rpm** Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **142mm**



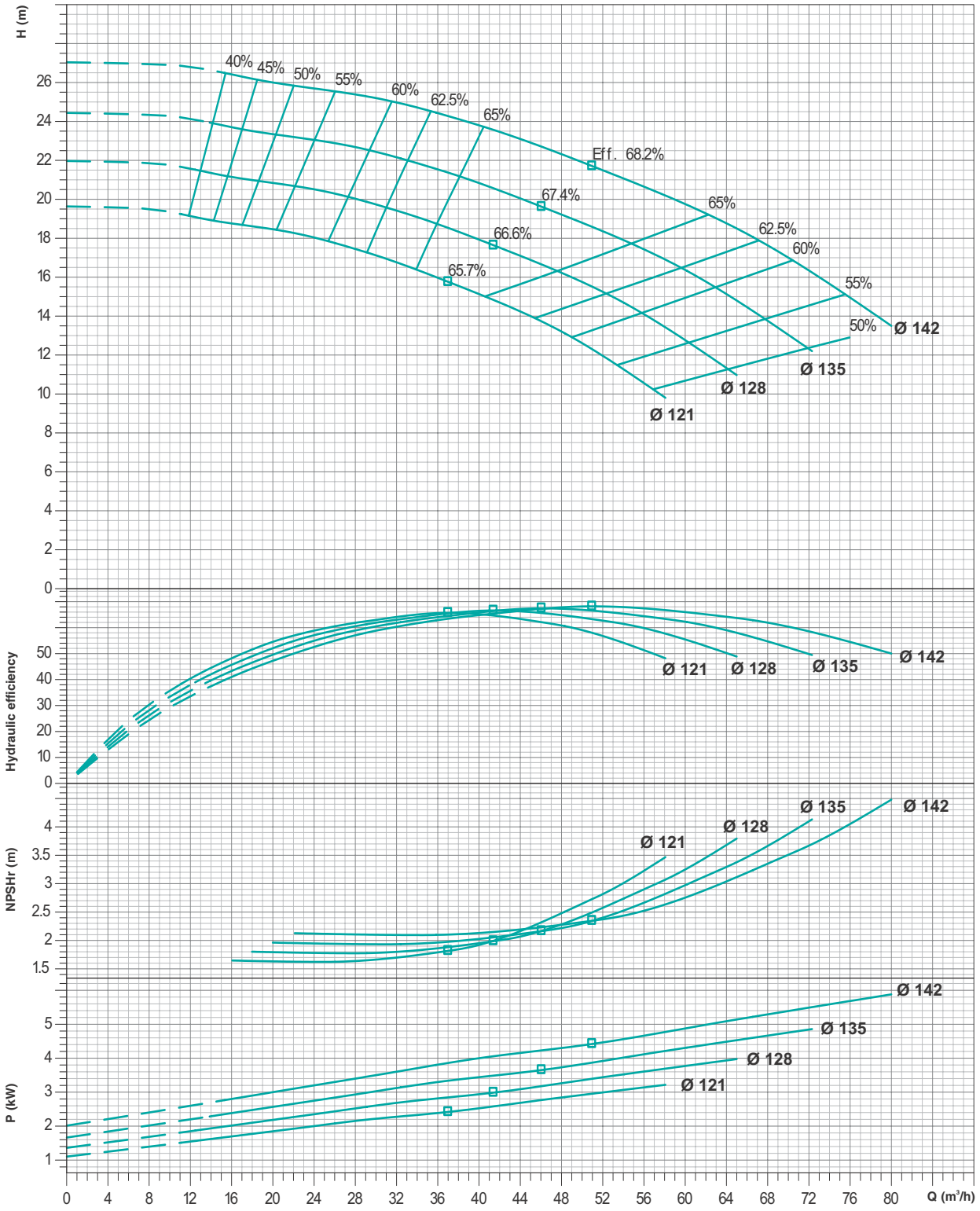
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 50/125** Speed : **2900 rpm** Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **142mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

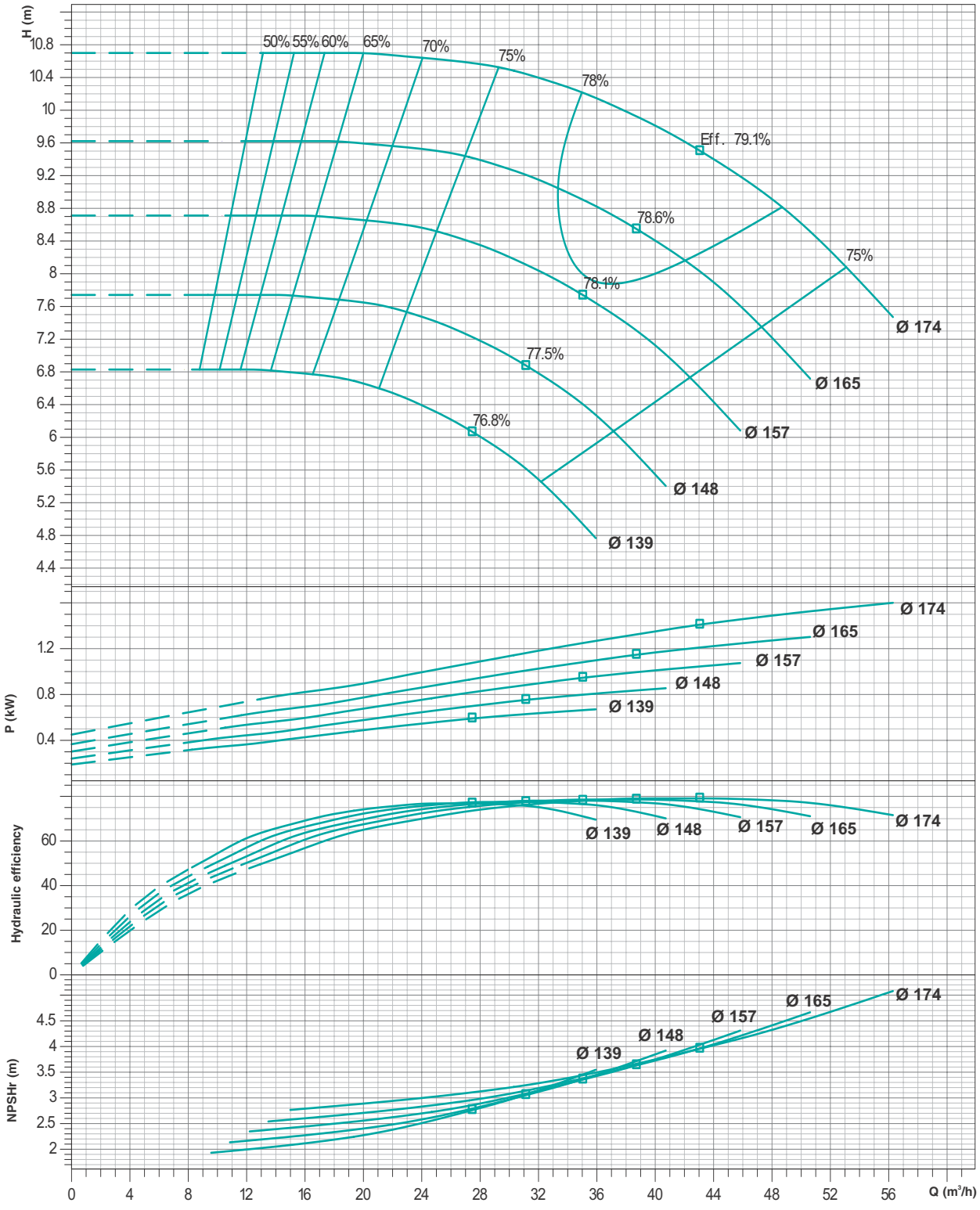
PERFORMANCE CURVES

Model : **TCCH - 50/160**

Speed : **1450 rpm**

Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **174mm**



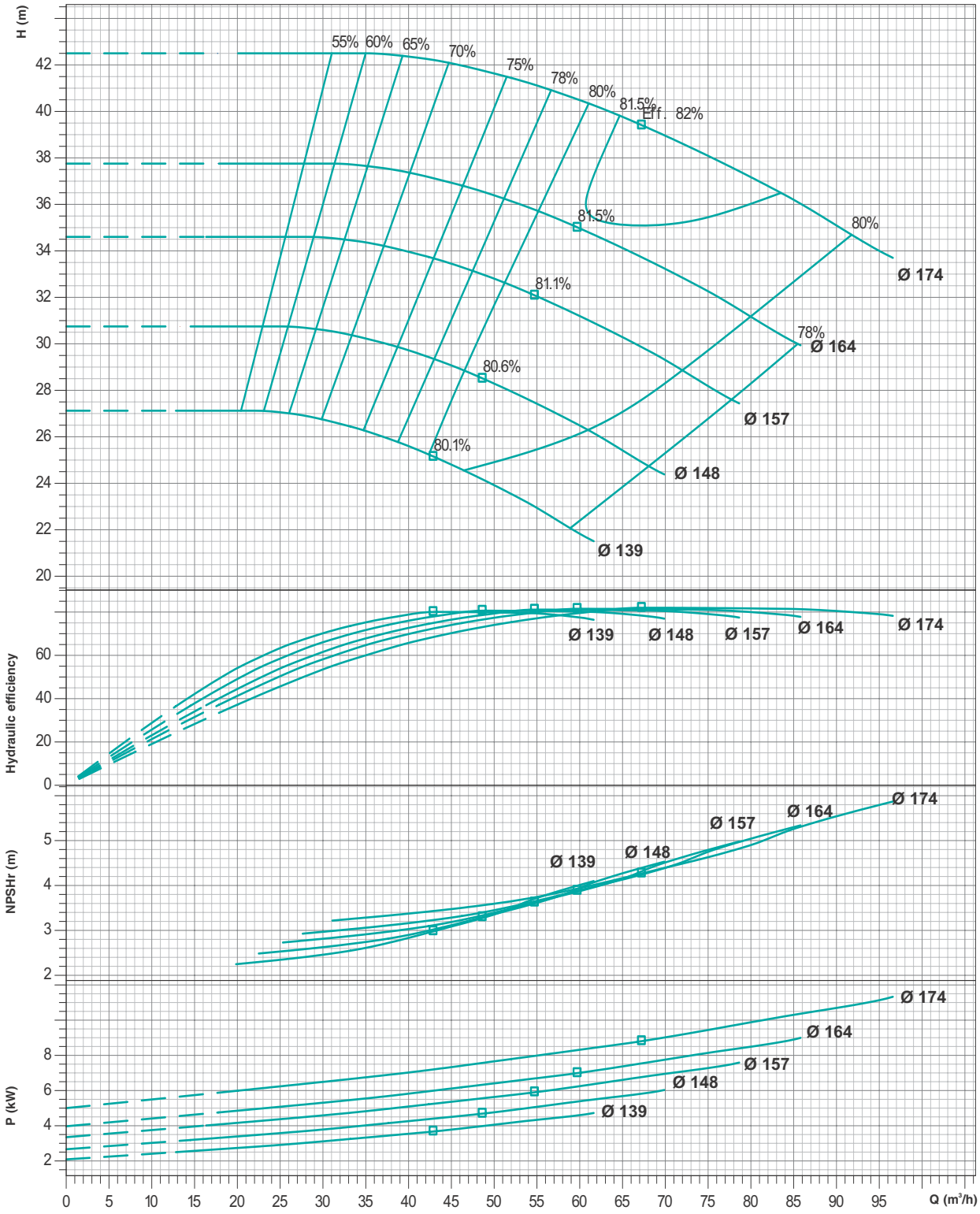
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 50/160** Speed : **2900 rpm** Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **174mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

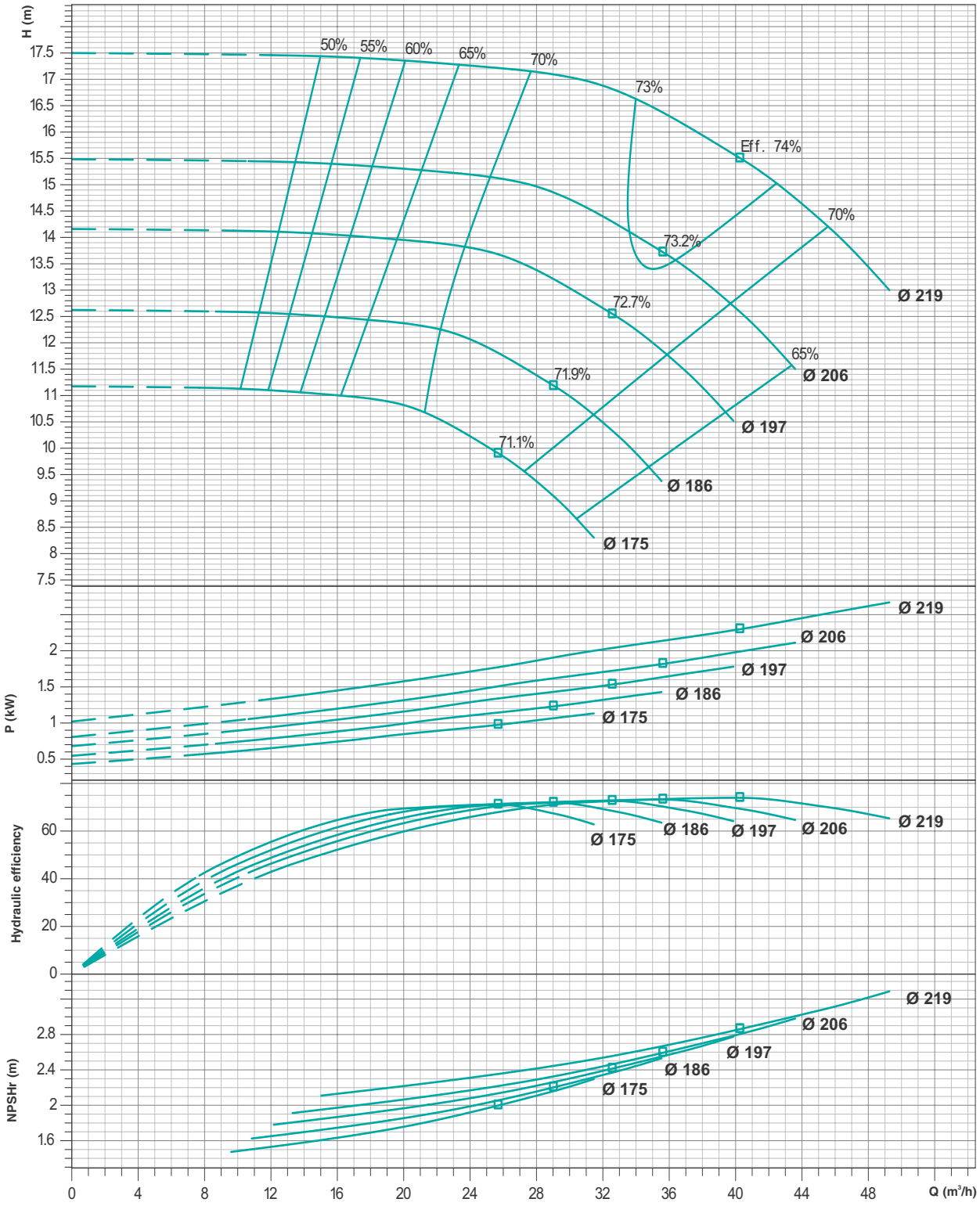
PERFORMANCE CURVES

Model : **TCCH - 50/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **219mm**



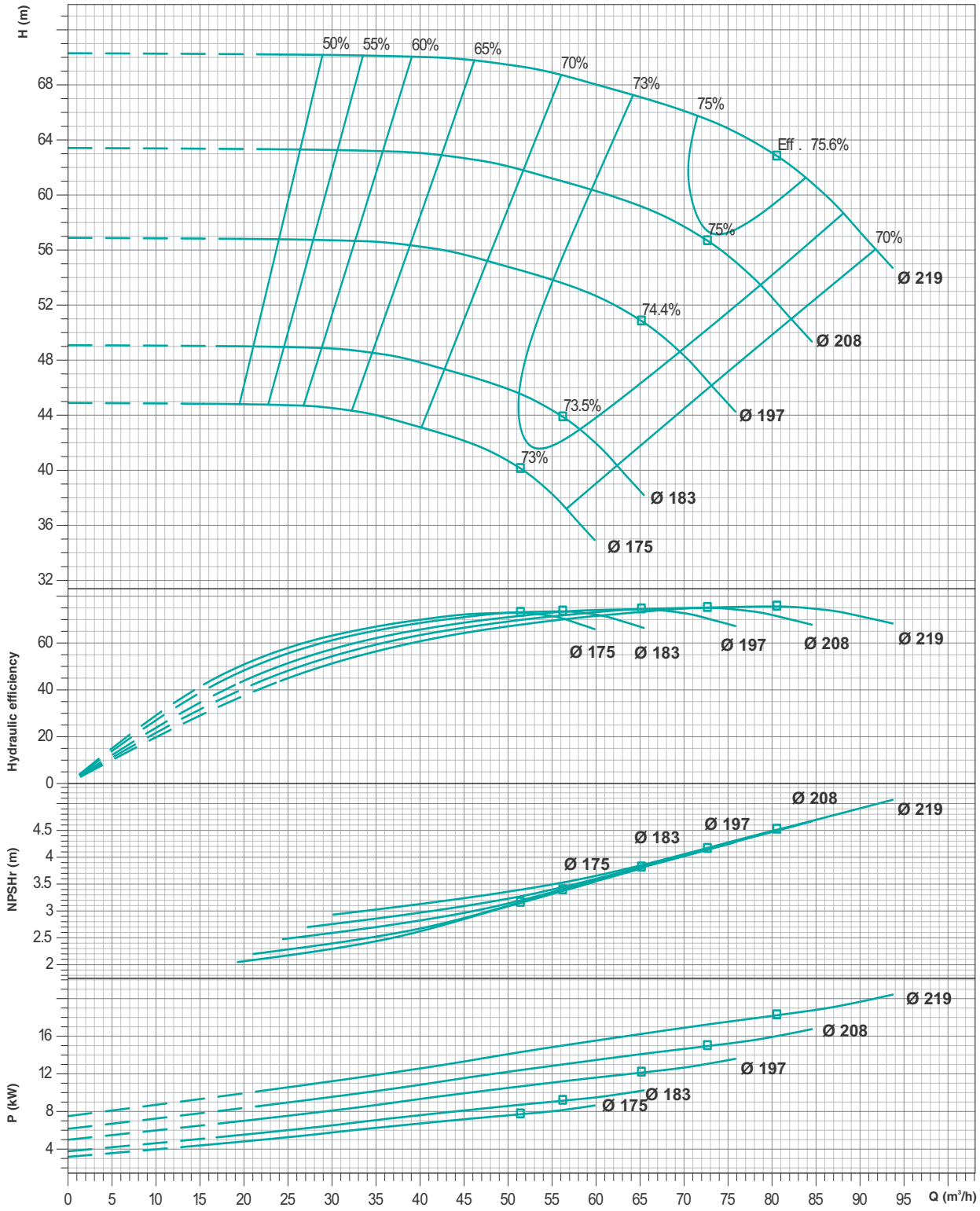
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 50/200** Speed : **2900 rpm** Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **219mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

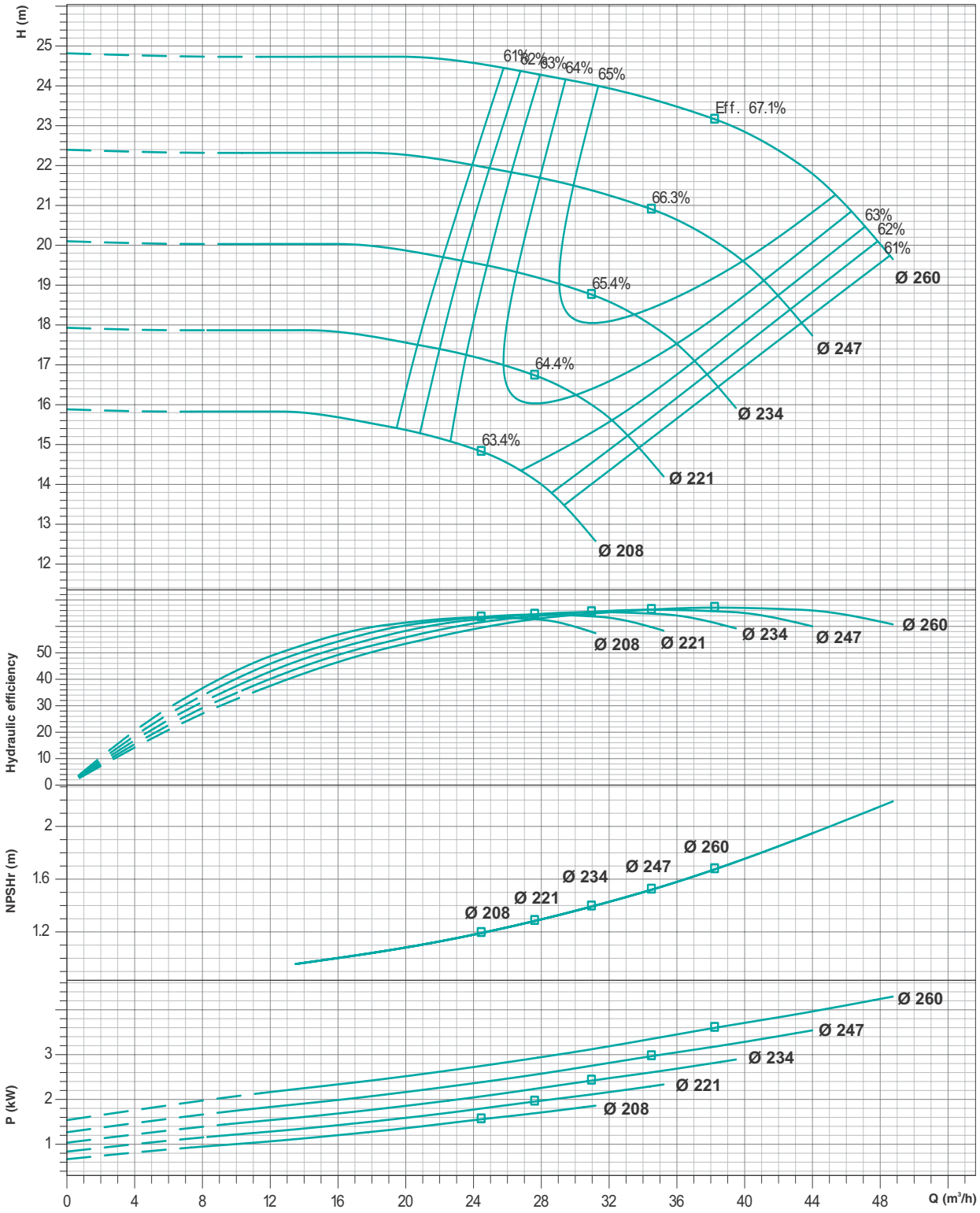
PERFORMANCE CURVES

Model : **TCCH - 50/250**

Speed : **1450 rpm**

Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **260mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

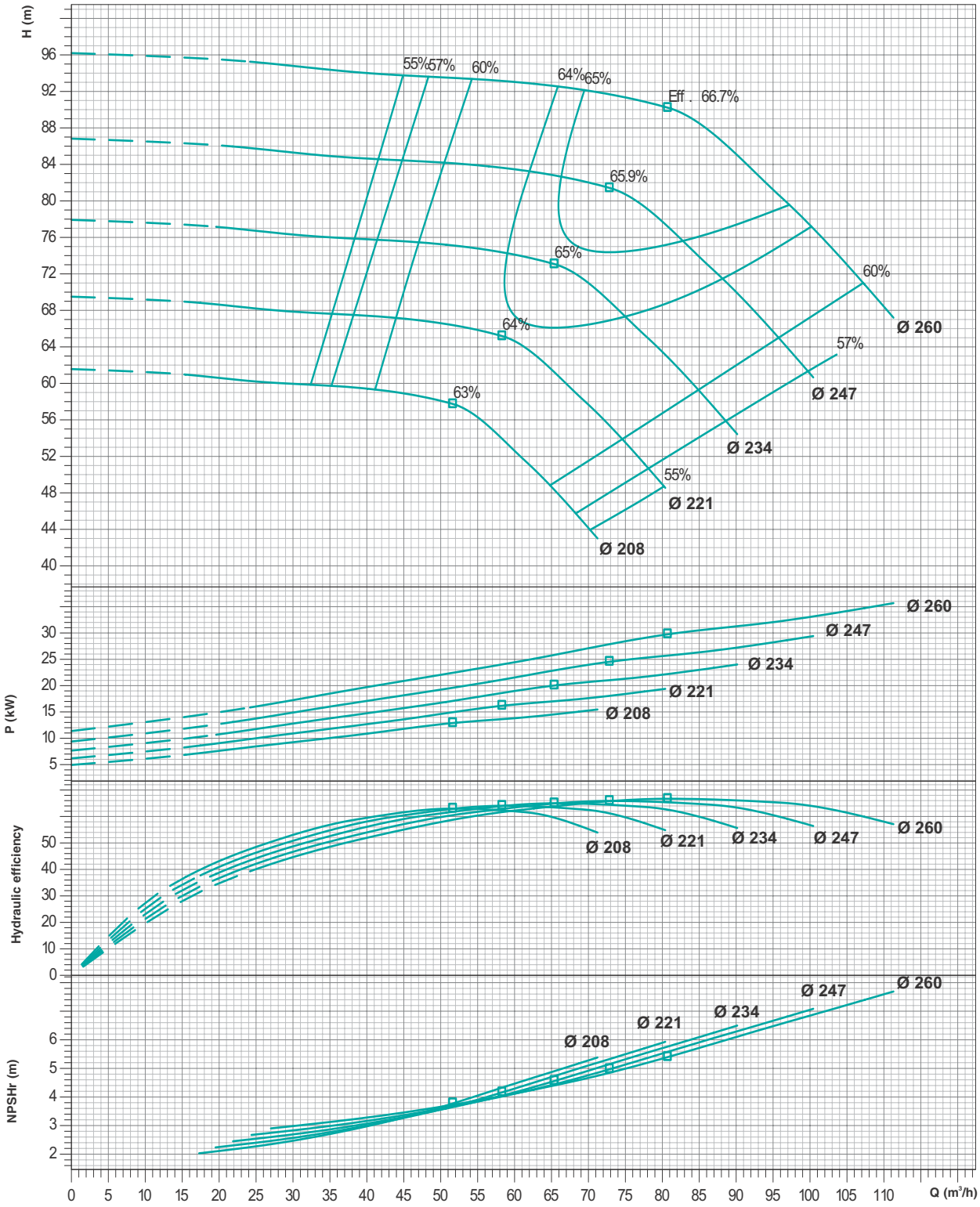
PERFORMANCE CURVES

Model : **TCCH - 50/250**

Speed : **2900 rpm**

Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **260mm**



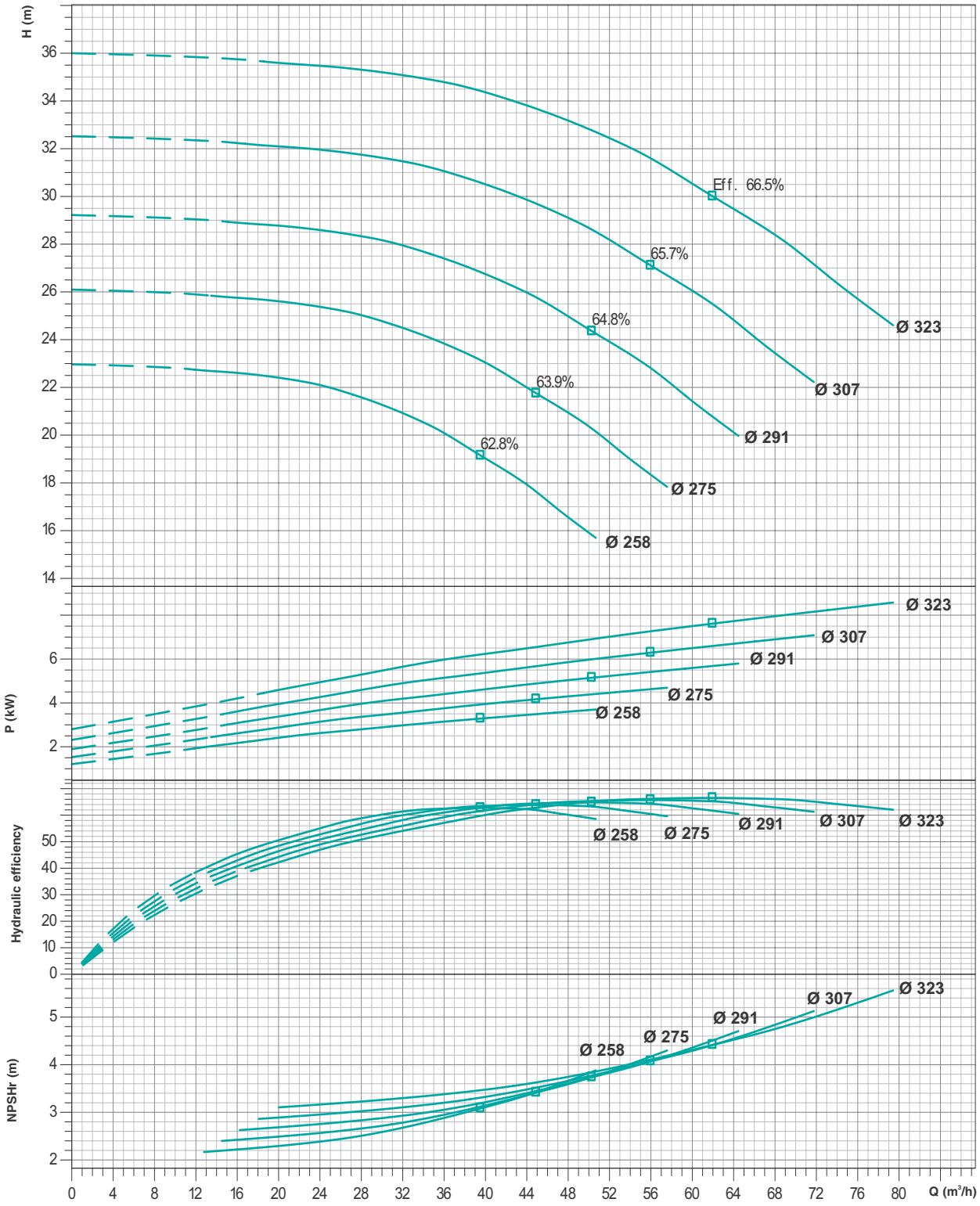
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 50/315** Speed : **1450 rpm** Suc x Del (in mm) : **65 x 50**

Max. Impeller Ø : **323mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

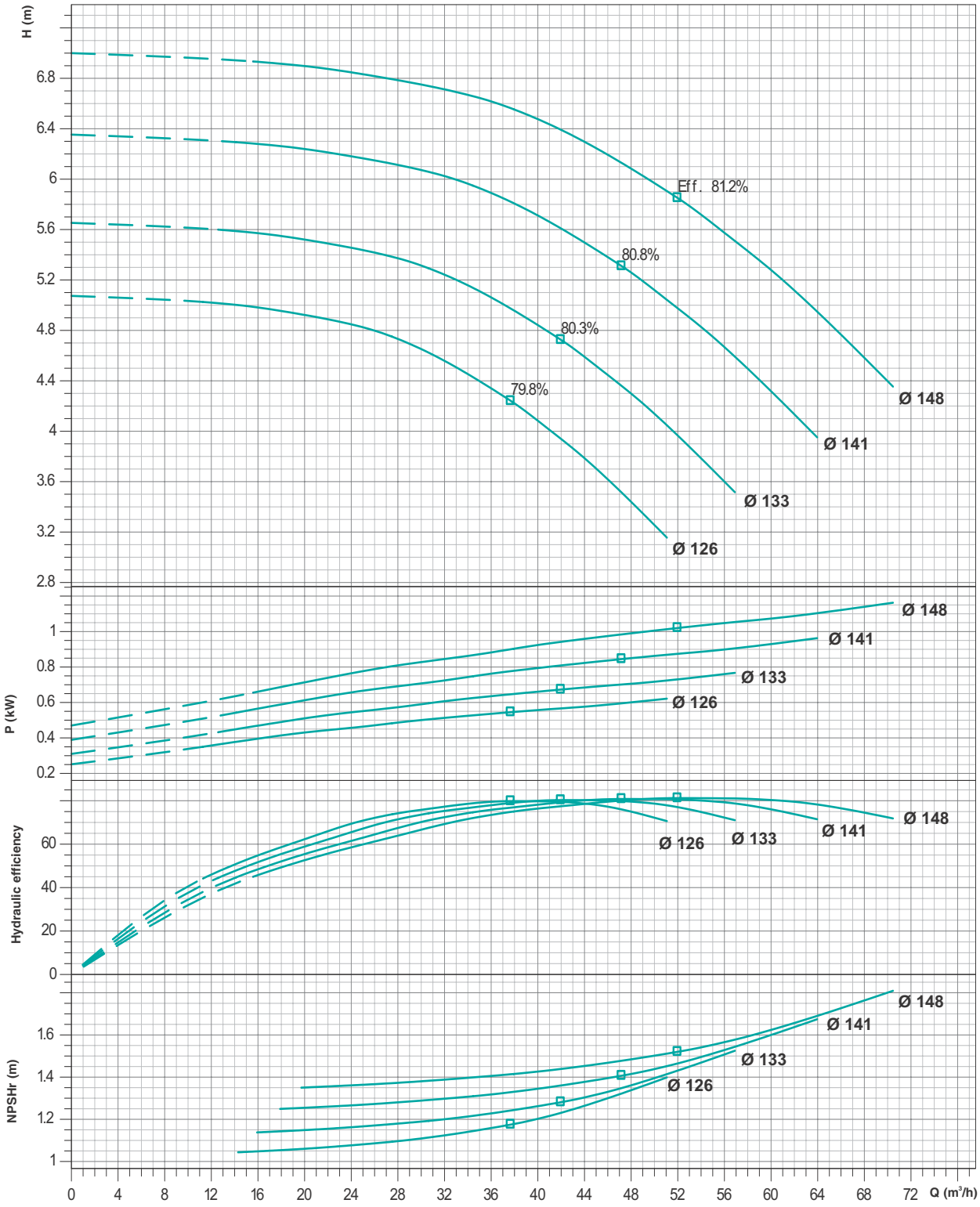
PERFORMANCE CURVES

Model : **TCCH - 65/125**

Speed : **1450 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **148mm**



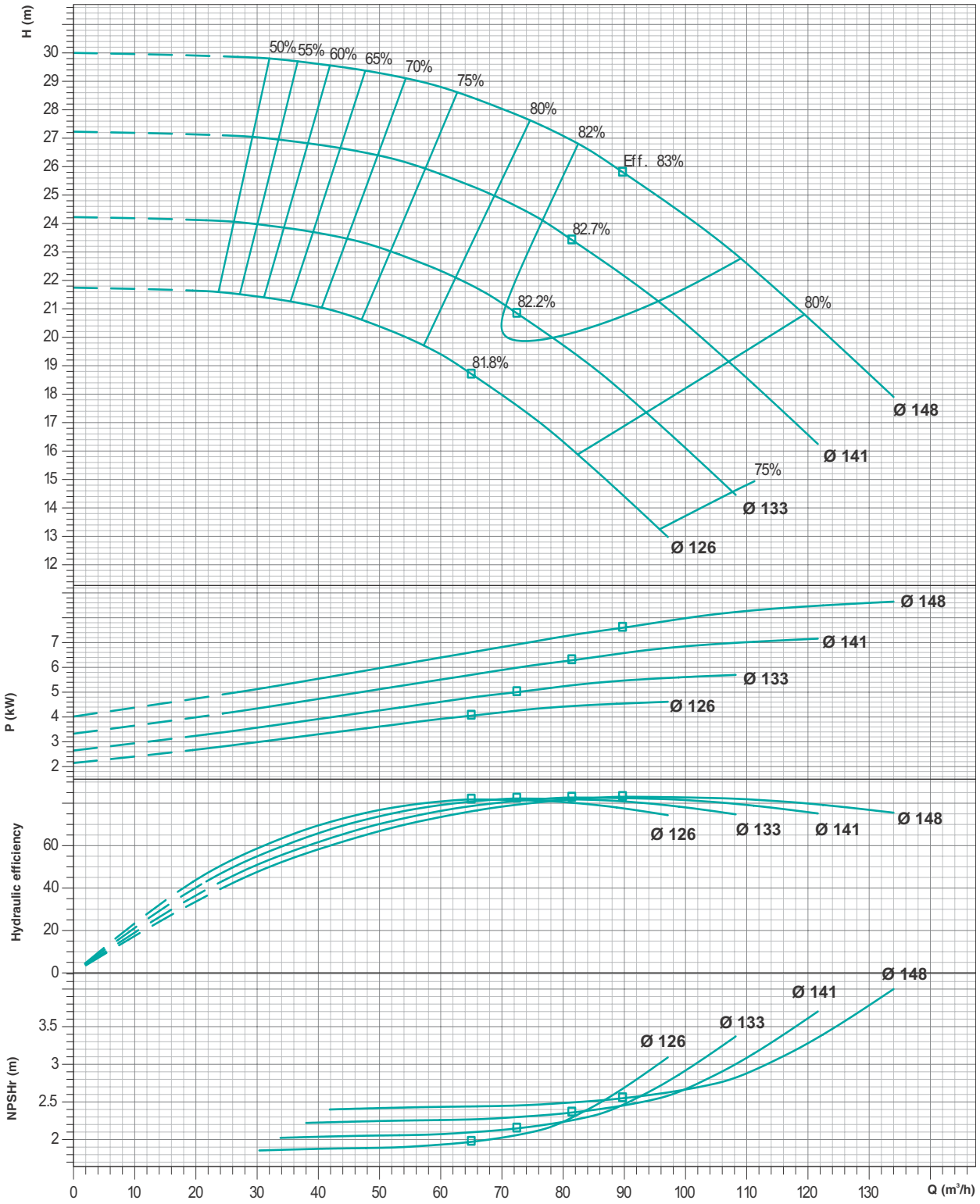
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 65/125** Speed : **2900 rpm** Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **148mm**



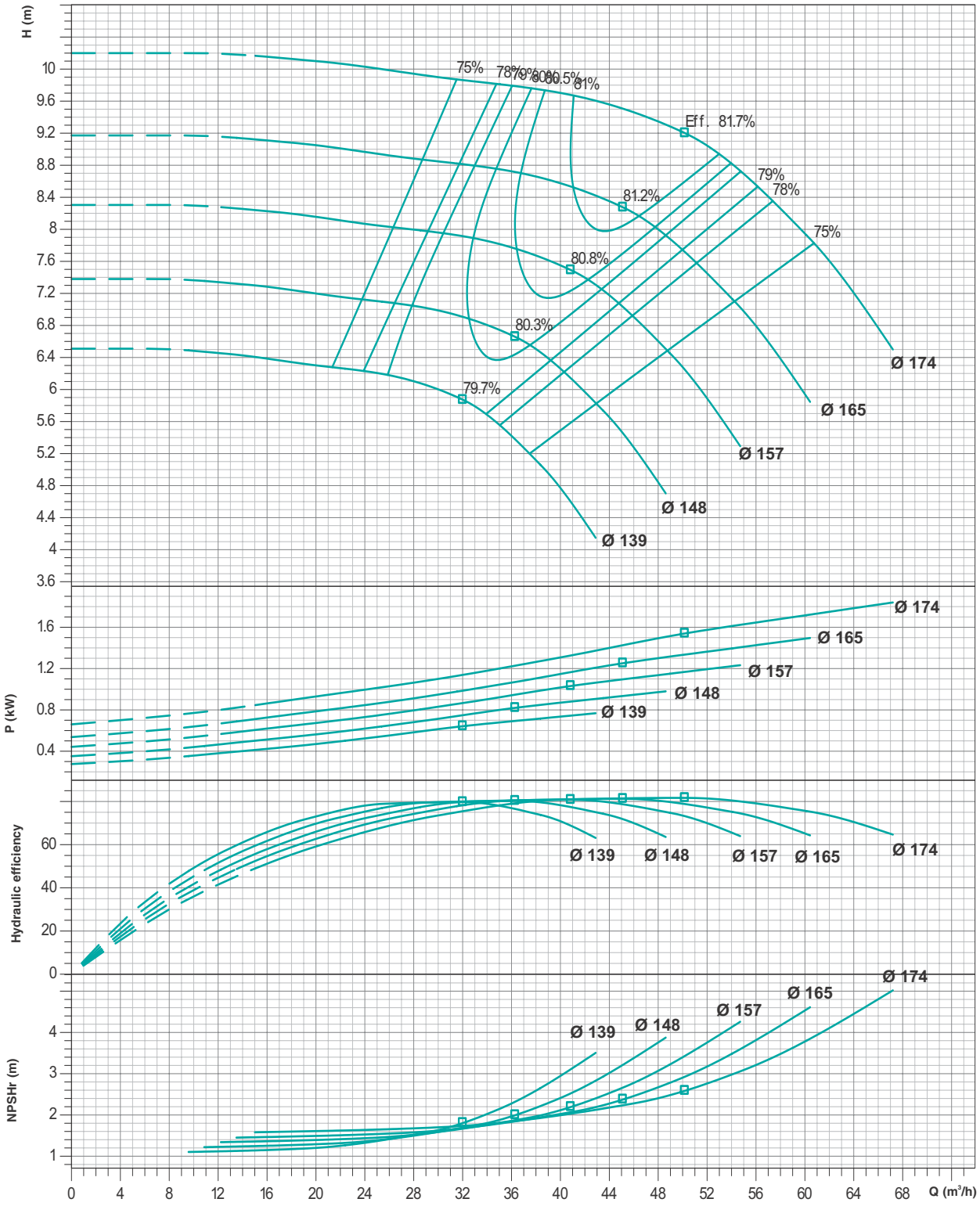
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 65/160** Speed : **1450 rpm** Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **174mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

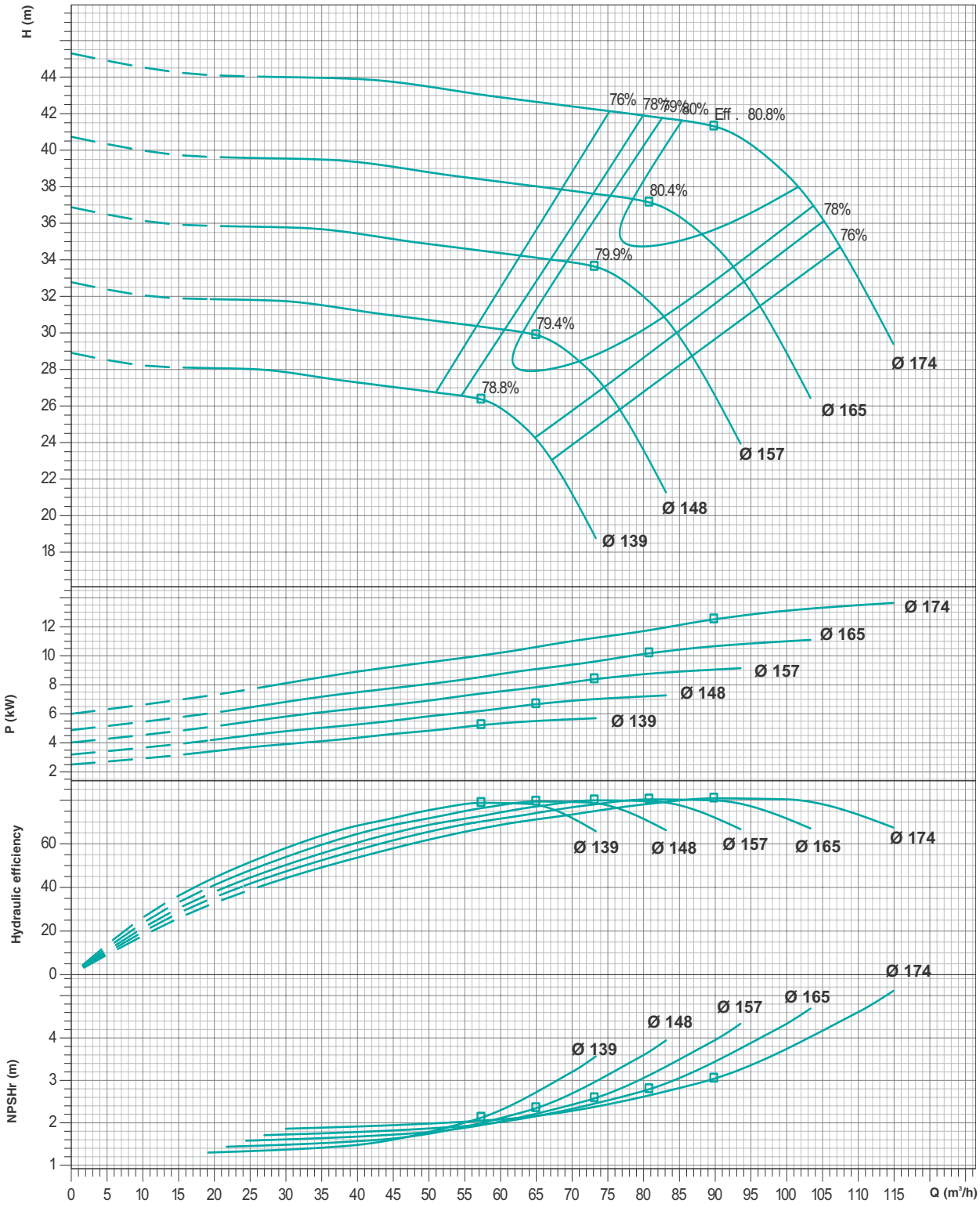
PERFORMANCE CURVES

Model : **TCCH - 65/160**

Speed : **2900 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **174mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

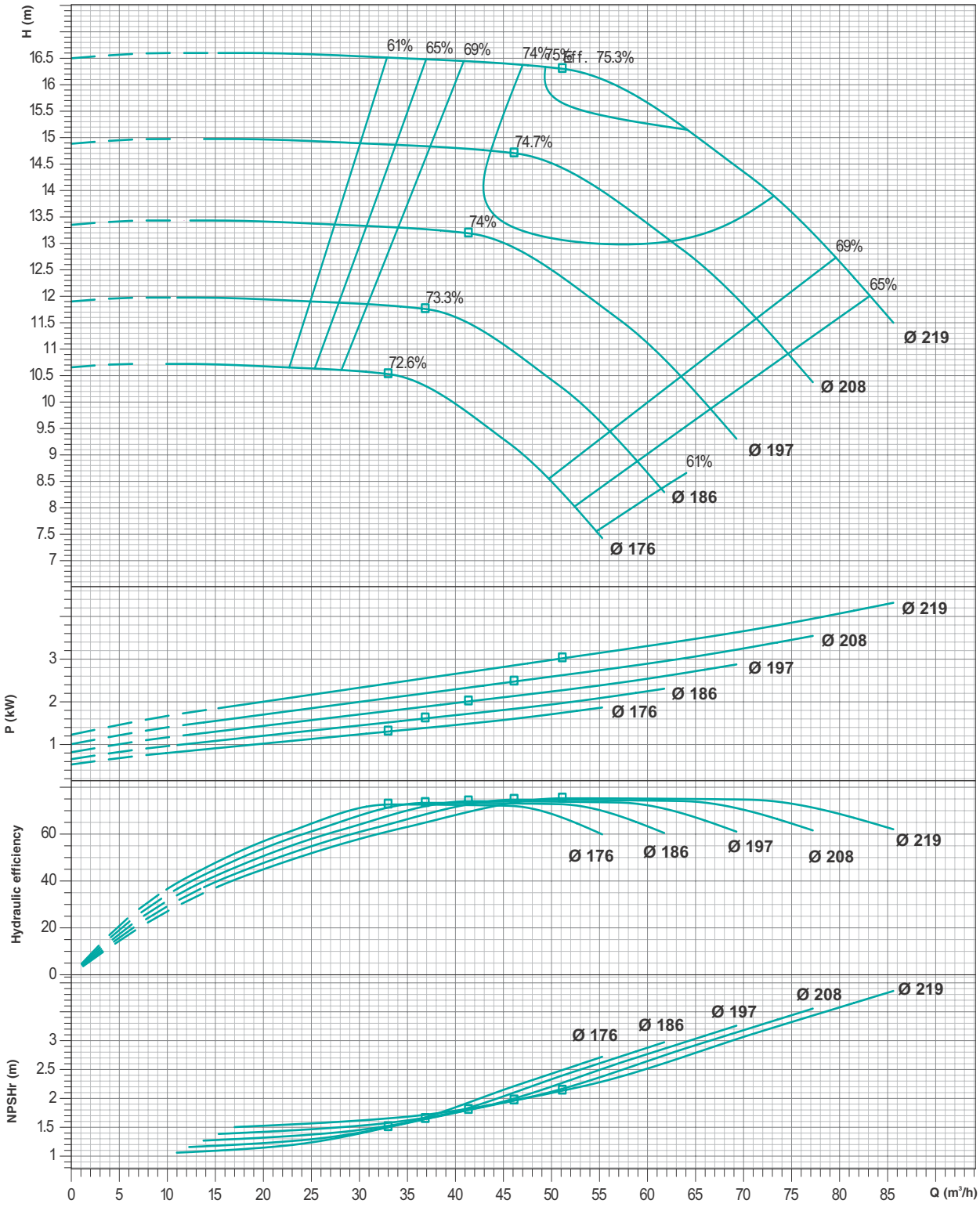
PERFORMANCE CURVES

Model : **TCCH - 65/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **219mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

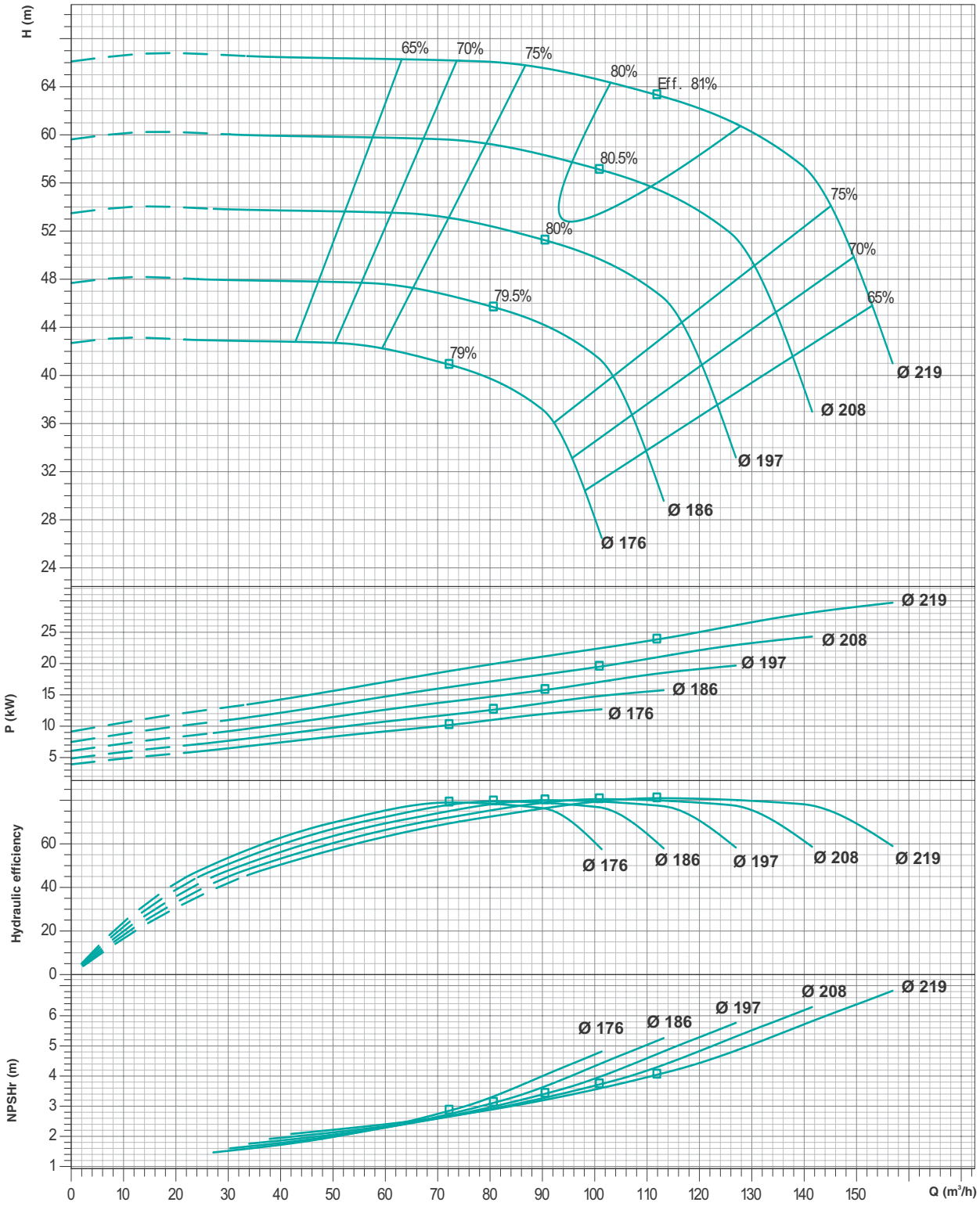
PERFORMANCE CURVES

Model : **TCCH - 65/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **219mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

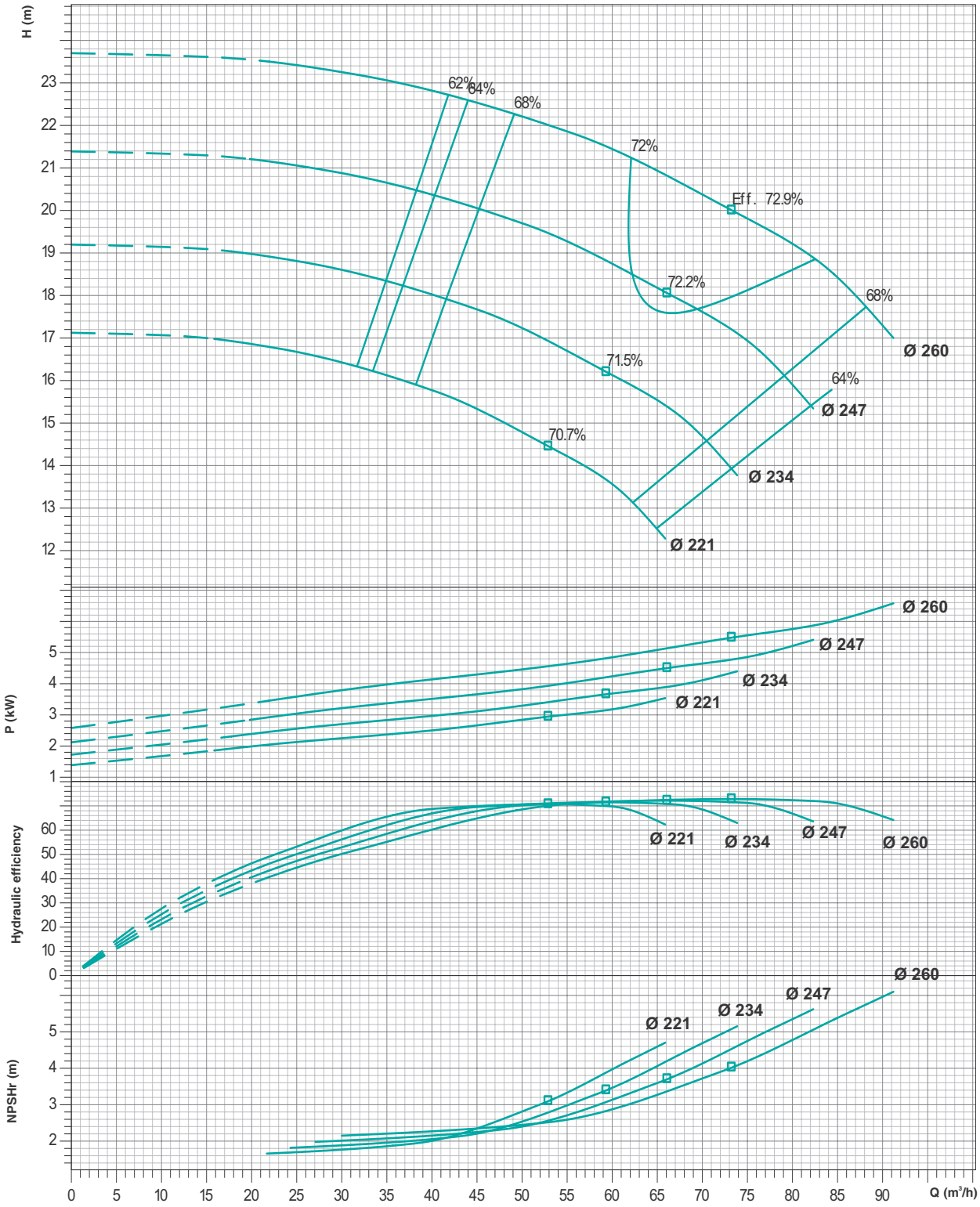
PERFORMANCE CURVES

Model : **TCCH - 65/250**

Speed : **1450 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **260mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

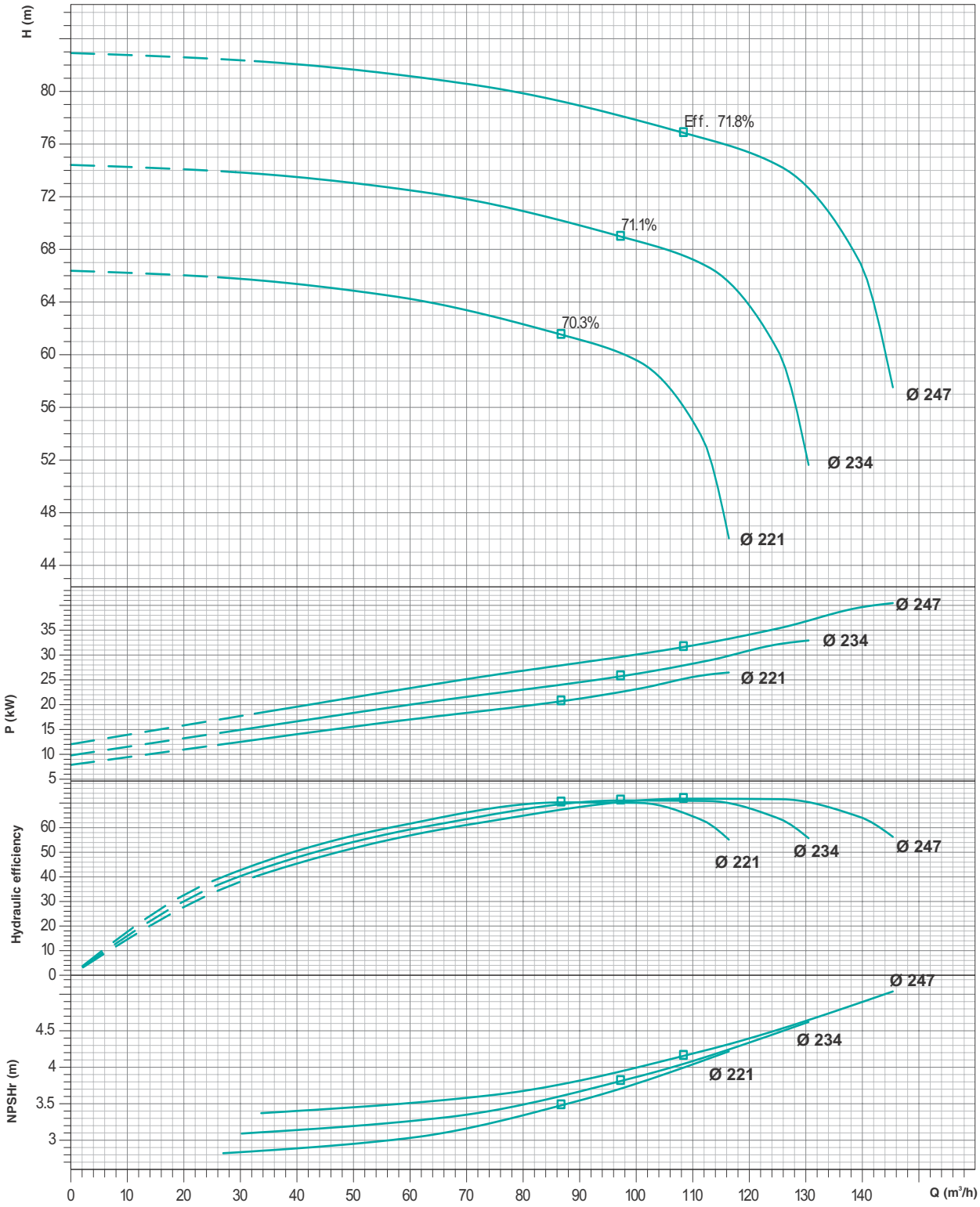
PERFORMANCE CURVES

Model : **TCCH - 65/250**

Speed : **2900 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **247mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

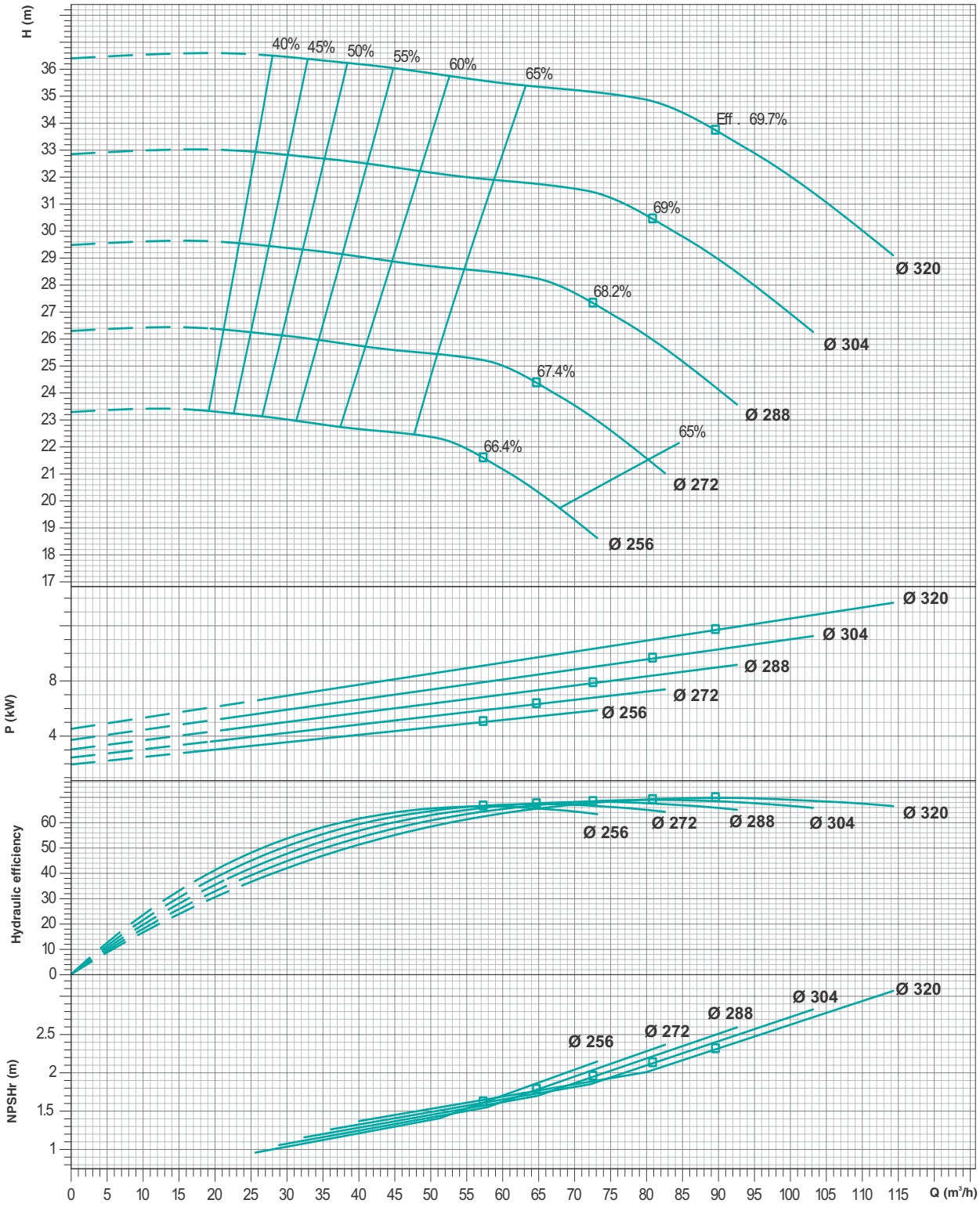
PERFORMANCE CURVES

Model : **TCCH - 65/315**

Speed : **1450 rpm**

Suc x Del (in mm) : **80 x 65**

Max. Impeller Ø : **320mm**



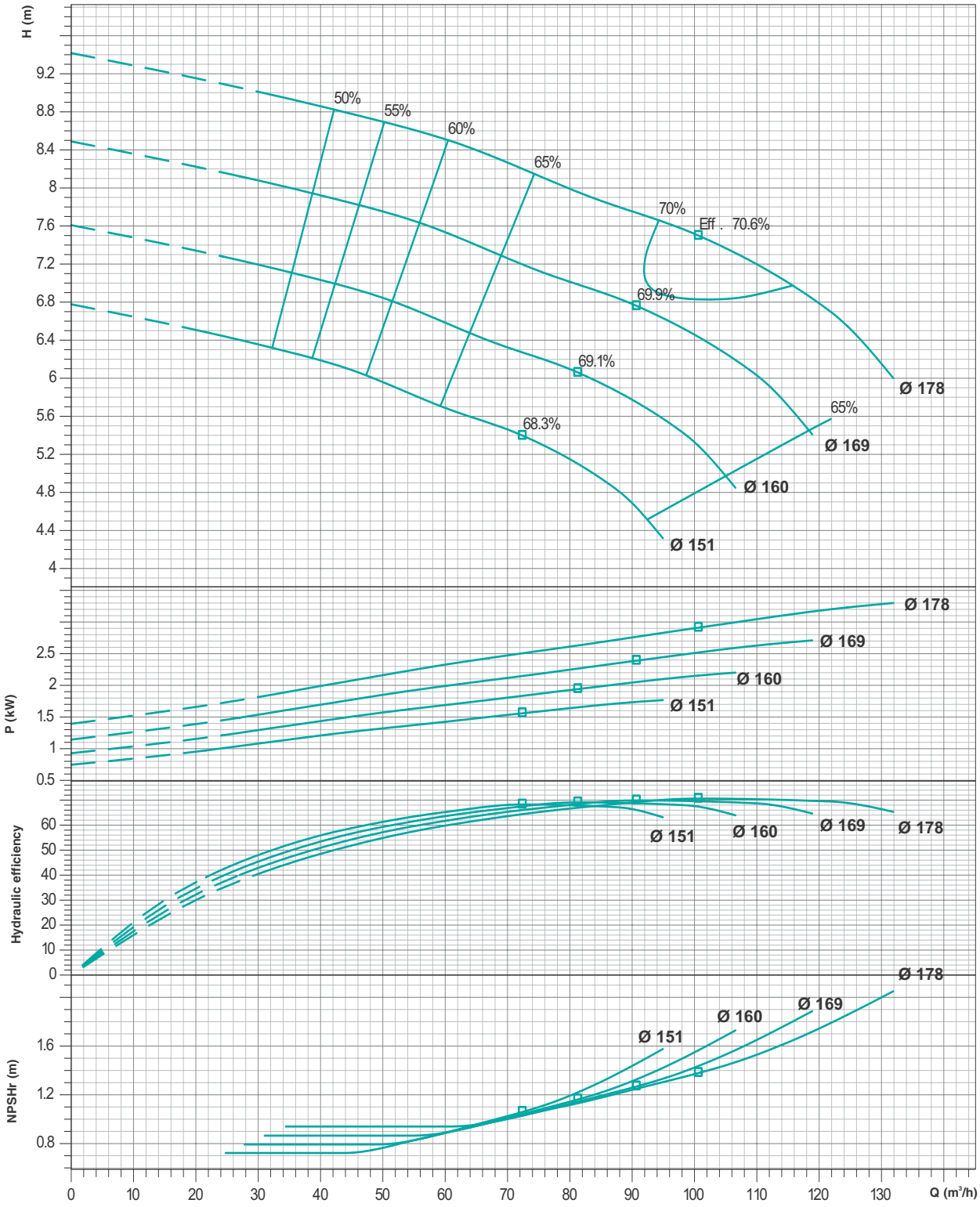
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 80/160** Speed : **1450 rpm** Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **178mm**



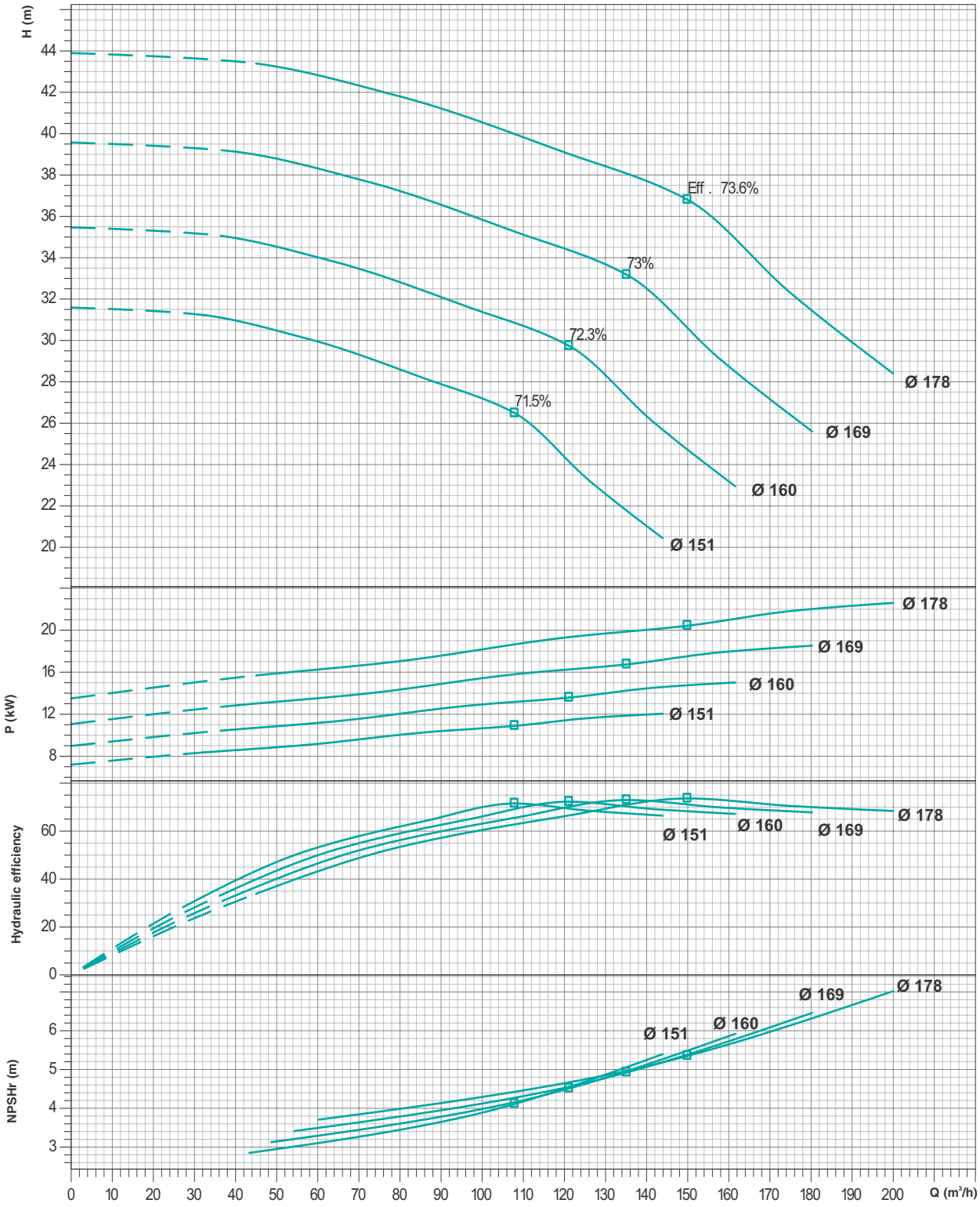
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 80/160** Speed : **2900 rpm** Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **178mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

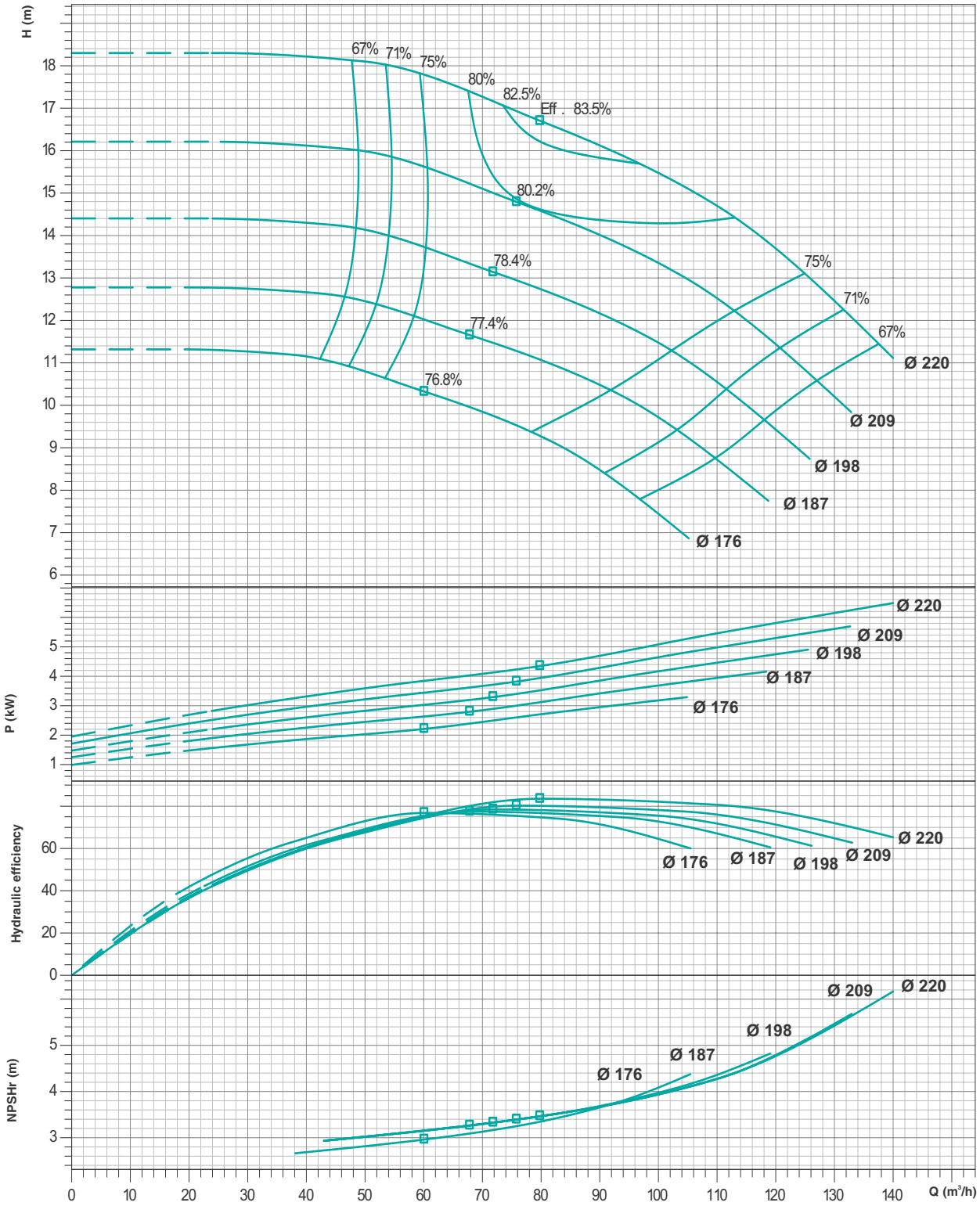
PERFORMANCE CURVES

Model : **TCCH - 80/200**

Speed : **1450 rpm**

Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **220mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

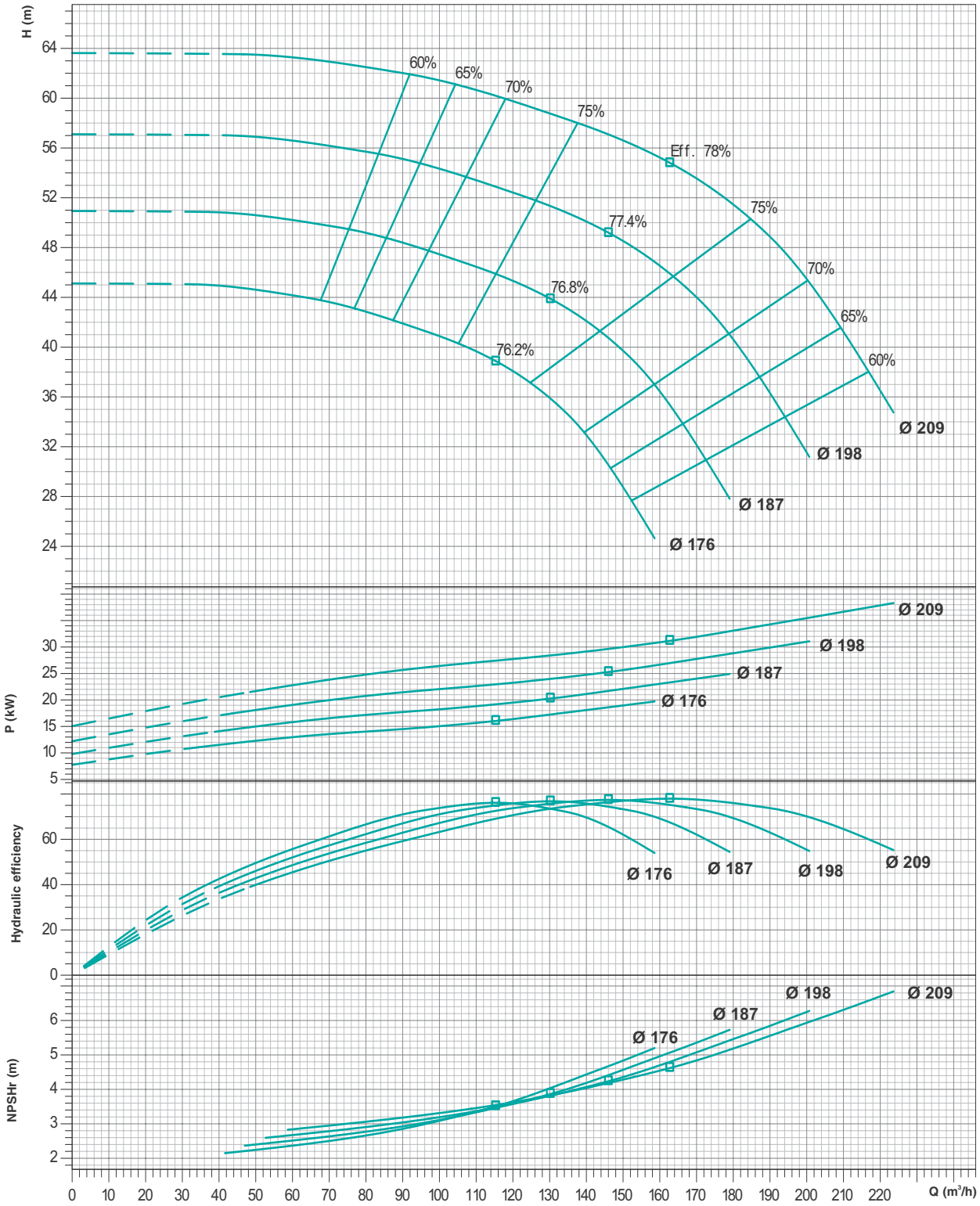
PERFORMANCE CURVES

Model : **TCCH - 80/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **209mm**



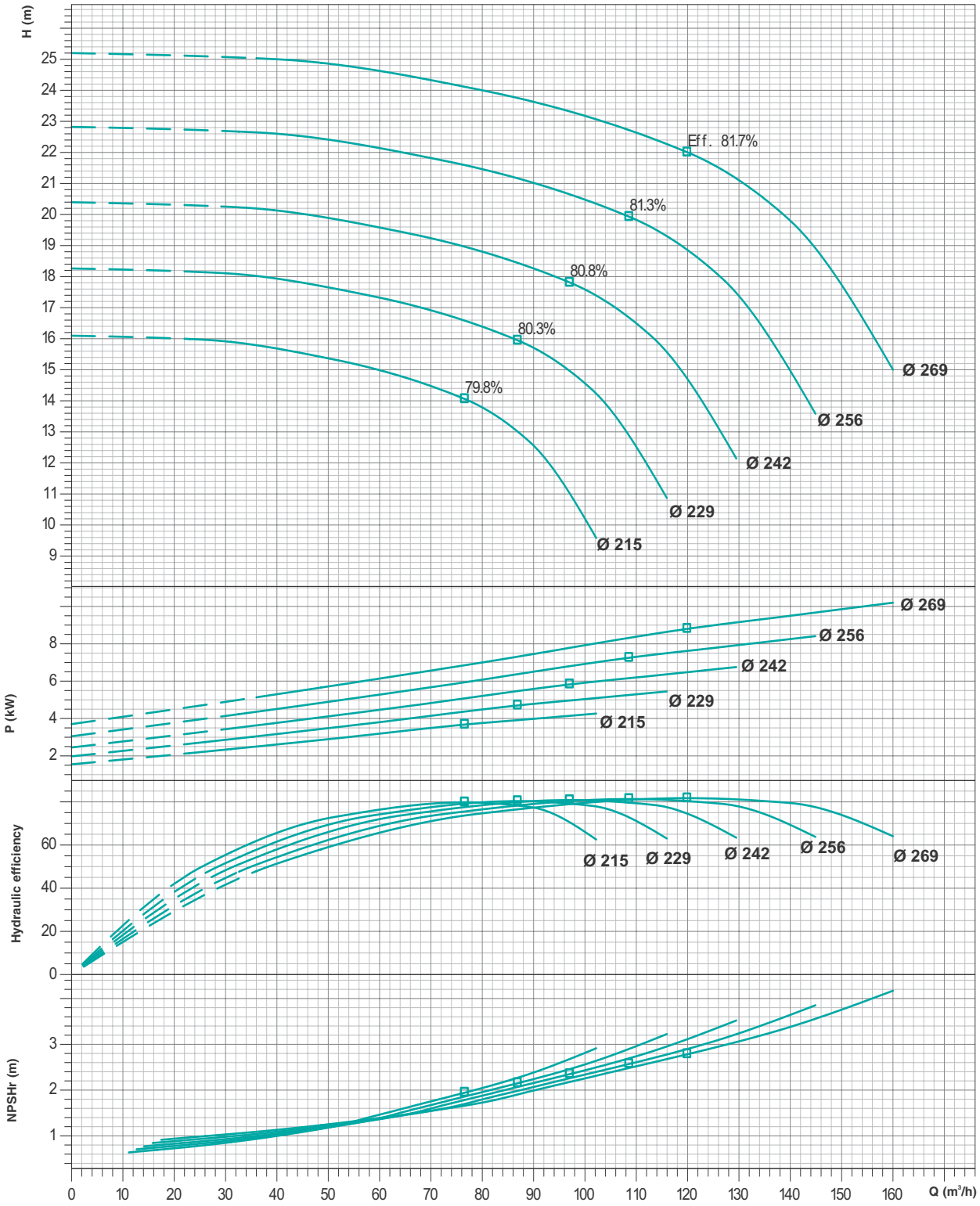
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 80/250** Speed : **1450 rpm** Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **269mm**



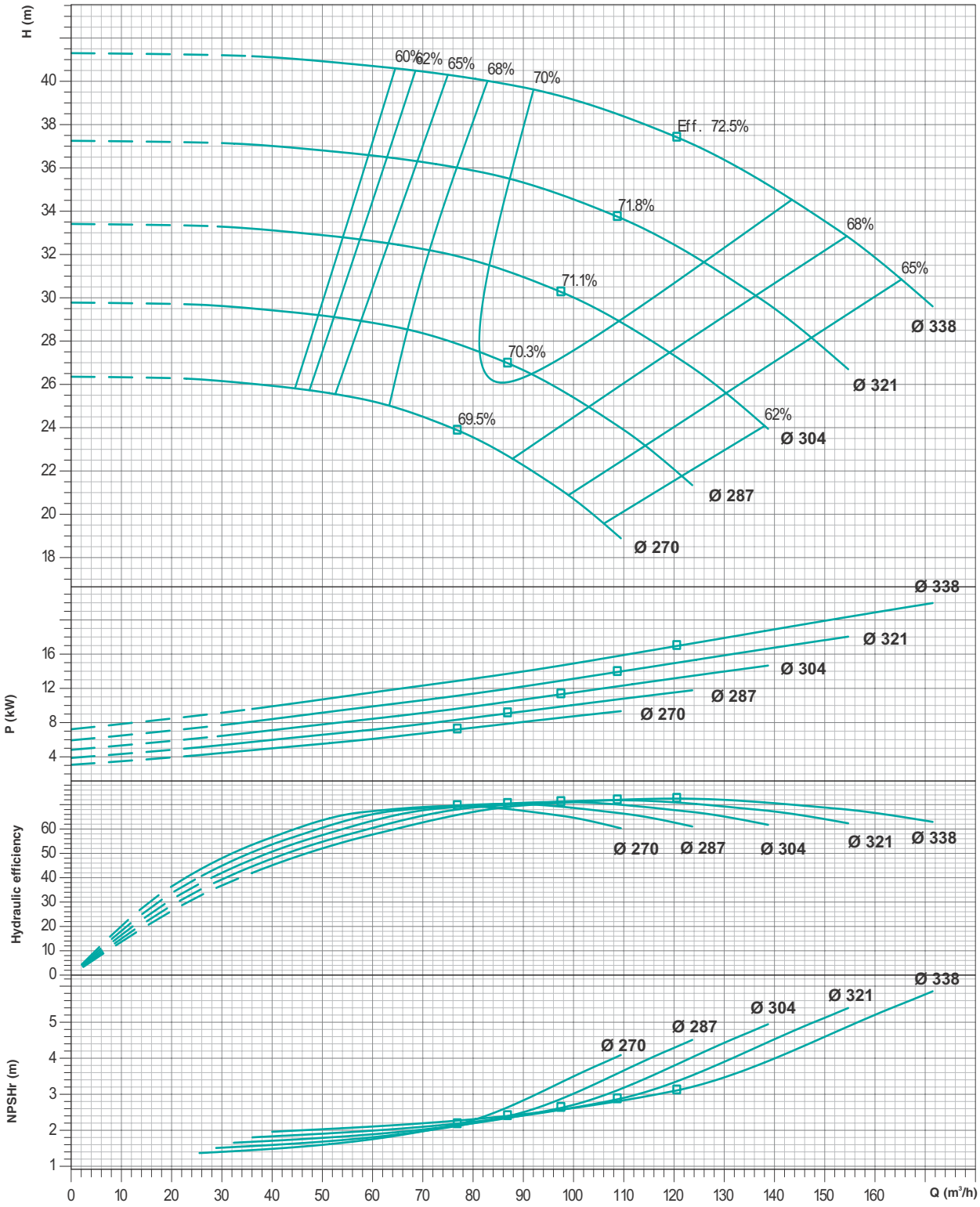
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 80/315** Speed : **1450 rpm** Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **338mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

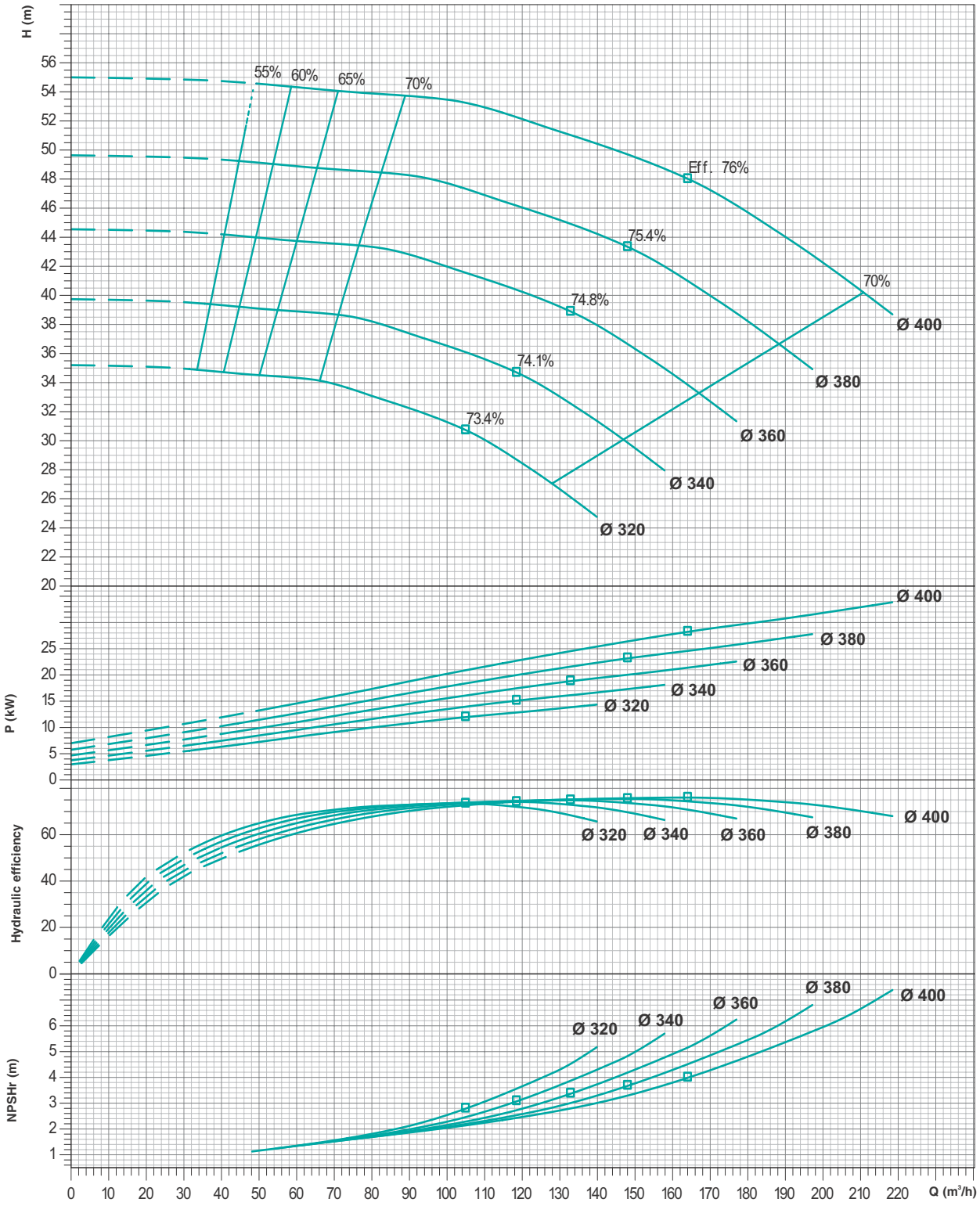
PERFORMANCE CURVES

Model : **TCCH - 80/400**

Speed : **1450 rpm**

Suc x Del (in mm) : **100 x 80**

Max. Impeller Ø : **400mm**



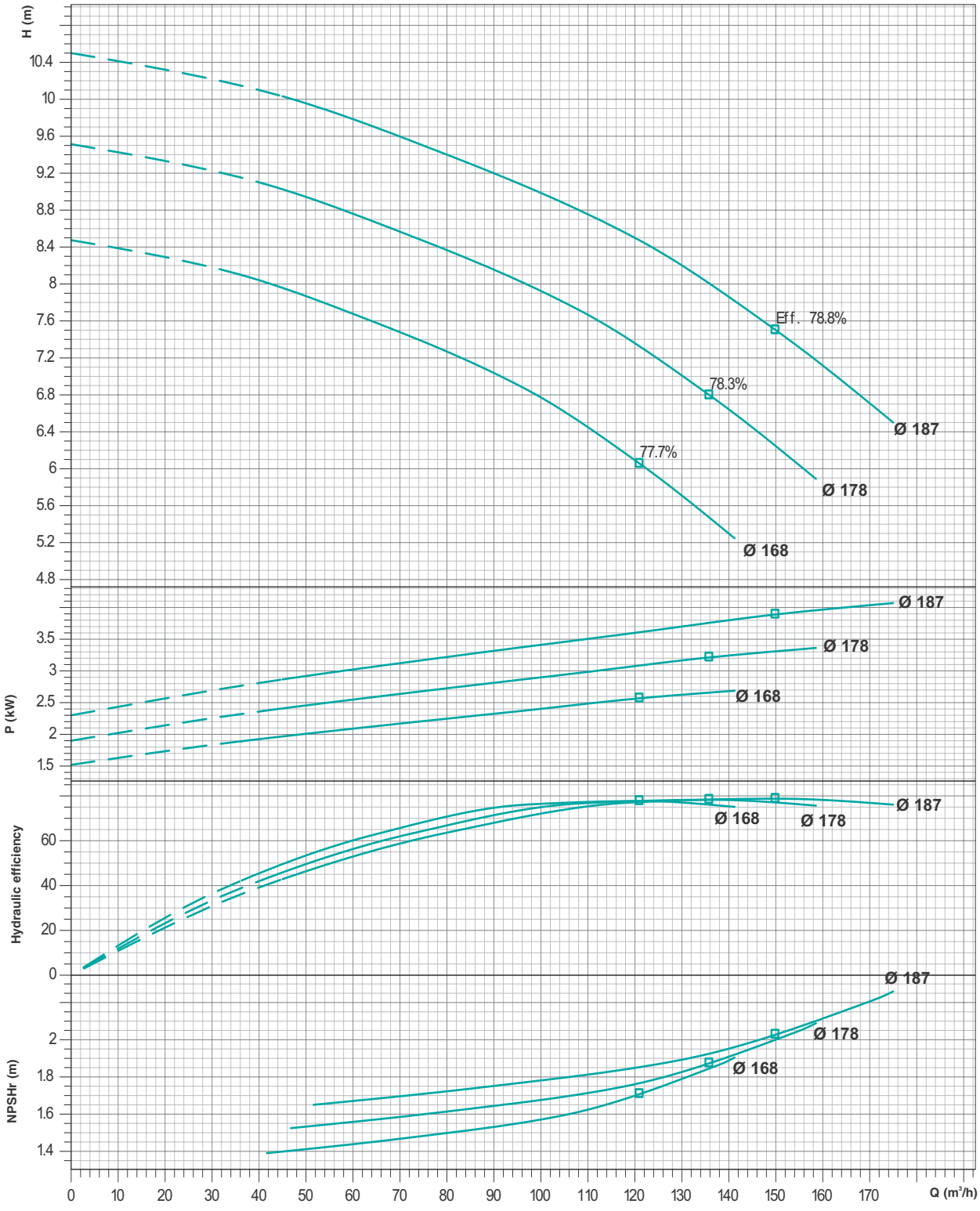
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 100/160** Speed : **1450 rpm** Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **187mm**



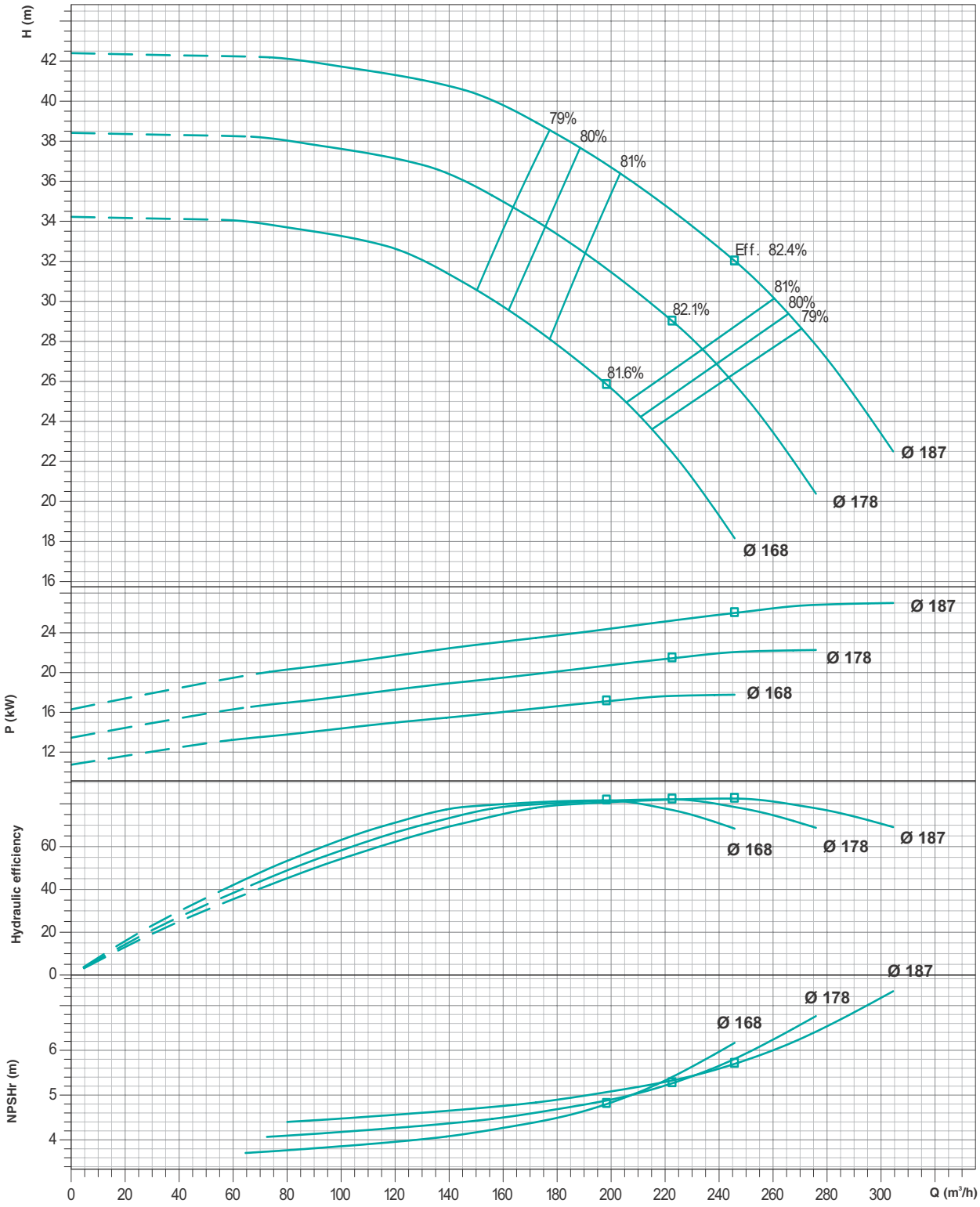
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 100/160** Speed : **2900 rpm** Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **187mm**



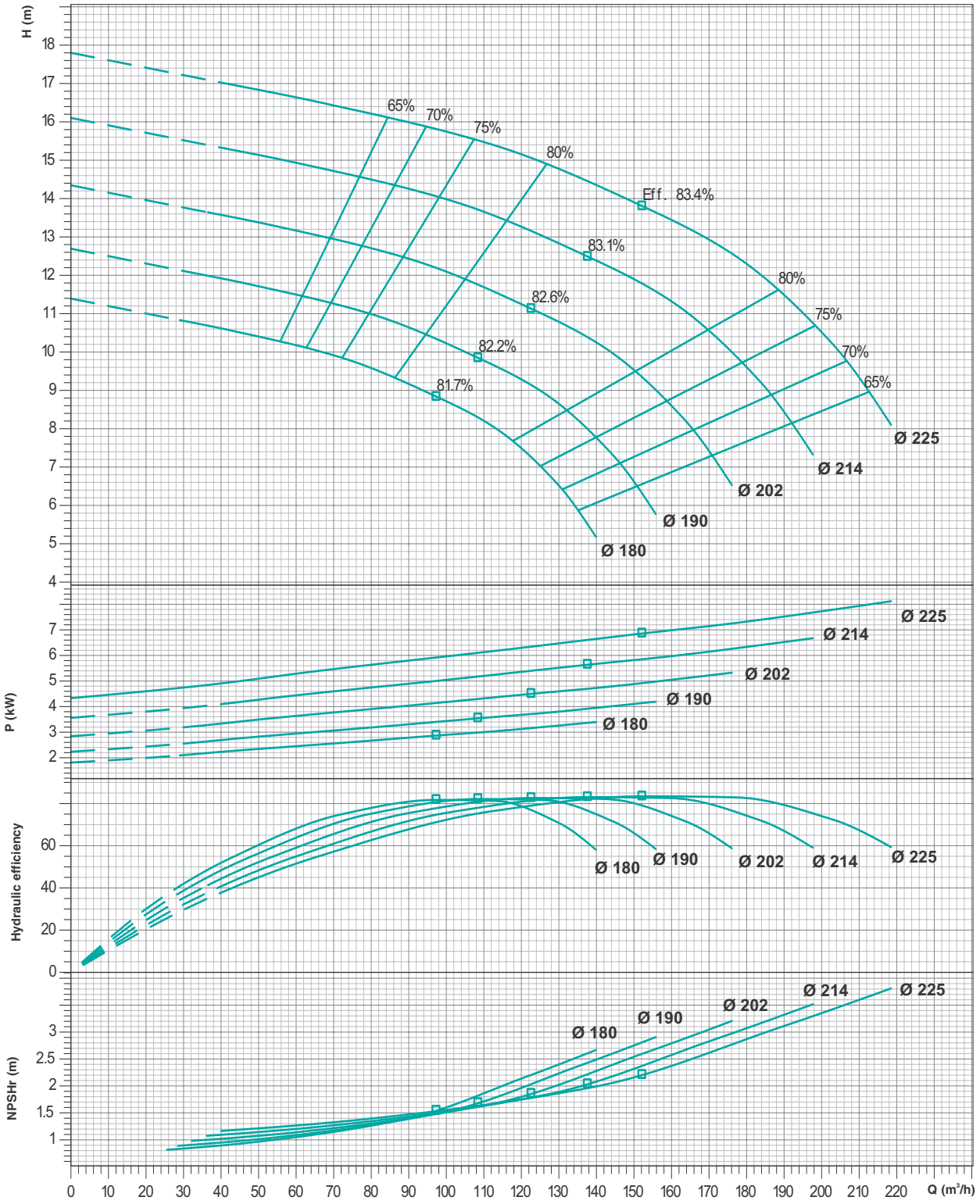
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 100/200** Speed : **1450 rpm** Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **225mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

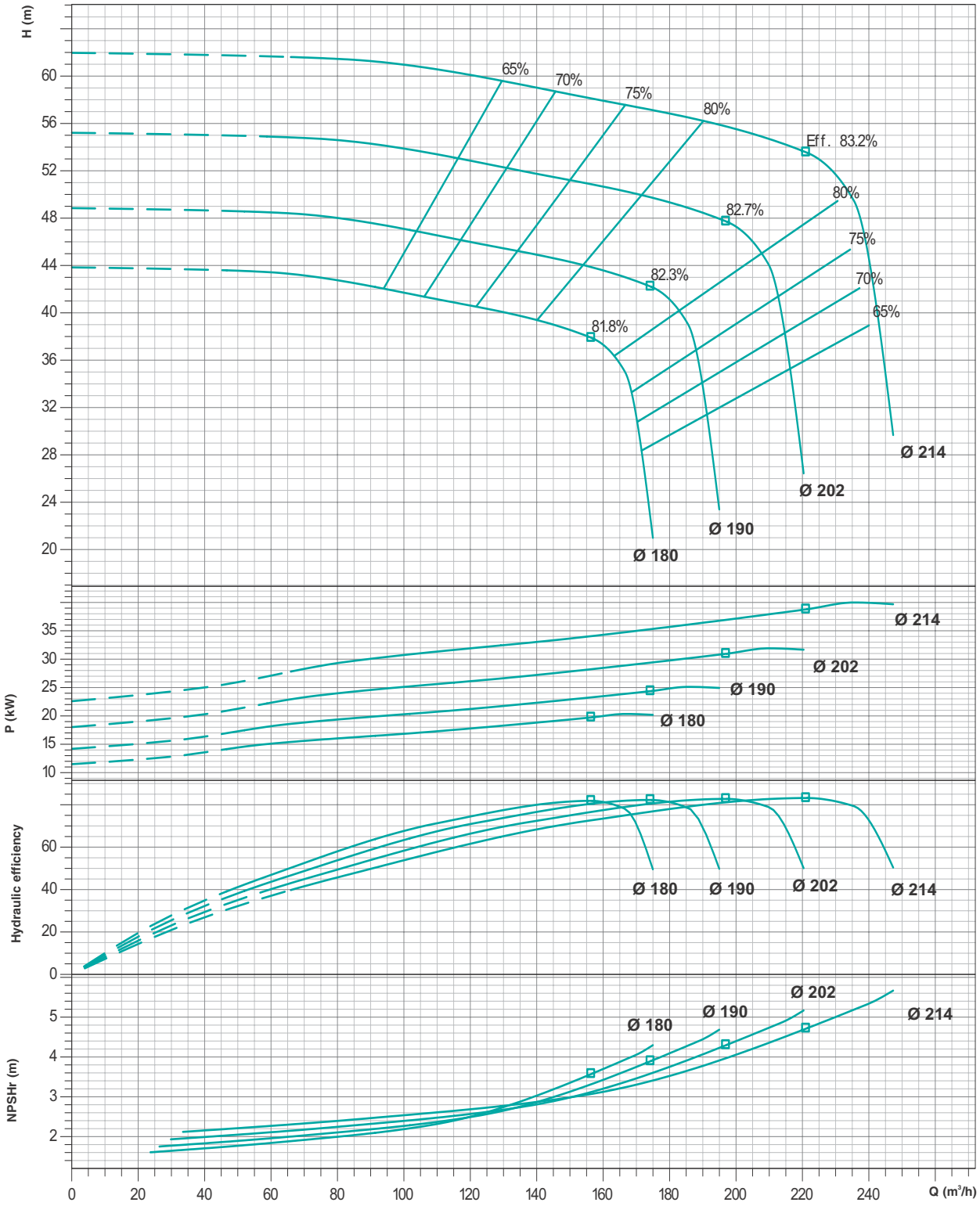
PERFORMANCE CURVES

Model : **TCCH - 100/200**

Speed : **2900 rpm**

Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **214mm**



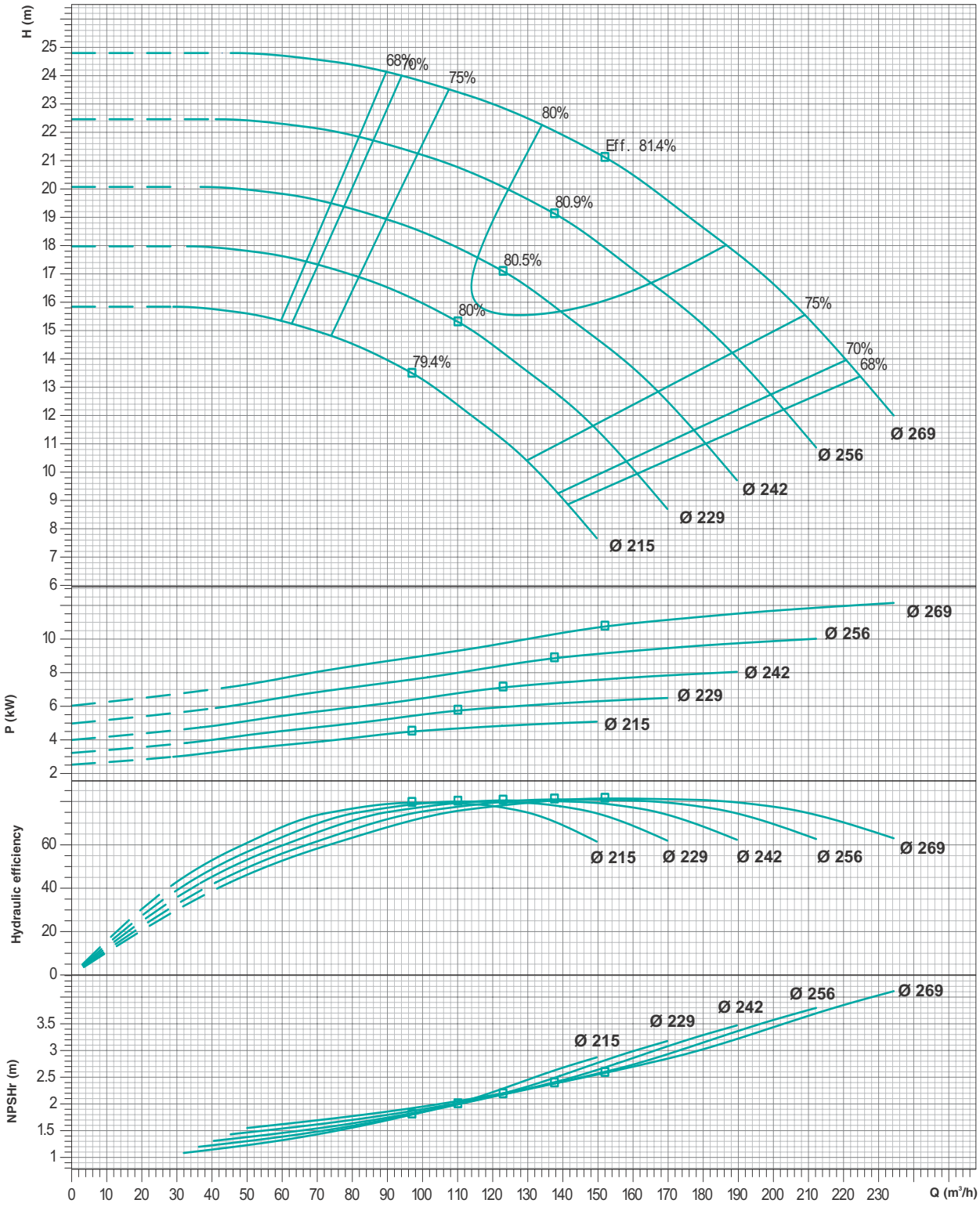
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 100/250** Speed : **1450 rpm** Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **269mm**



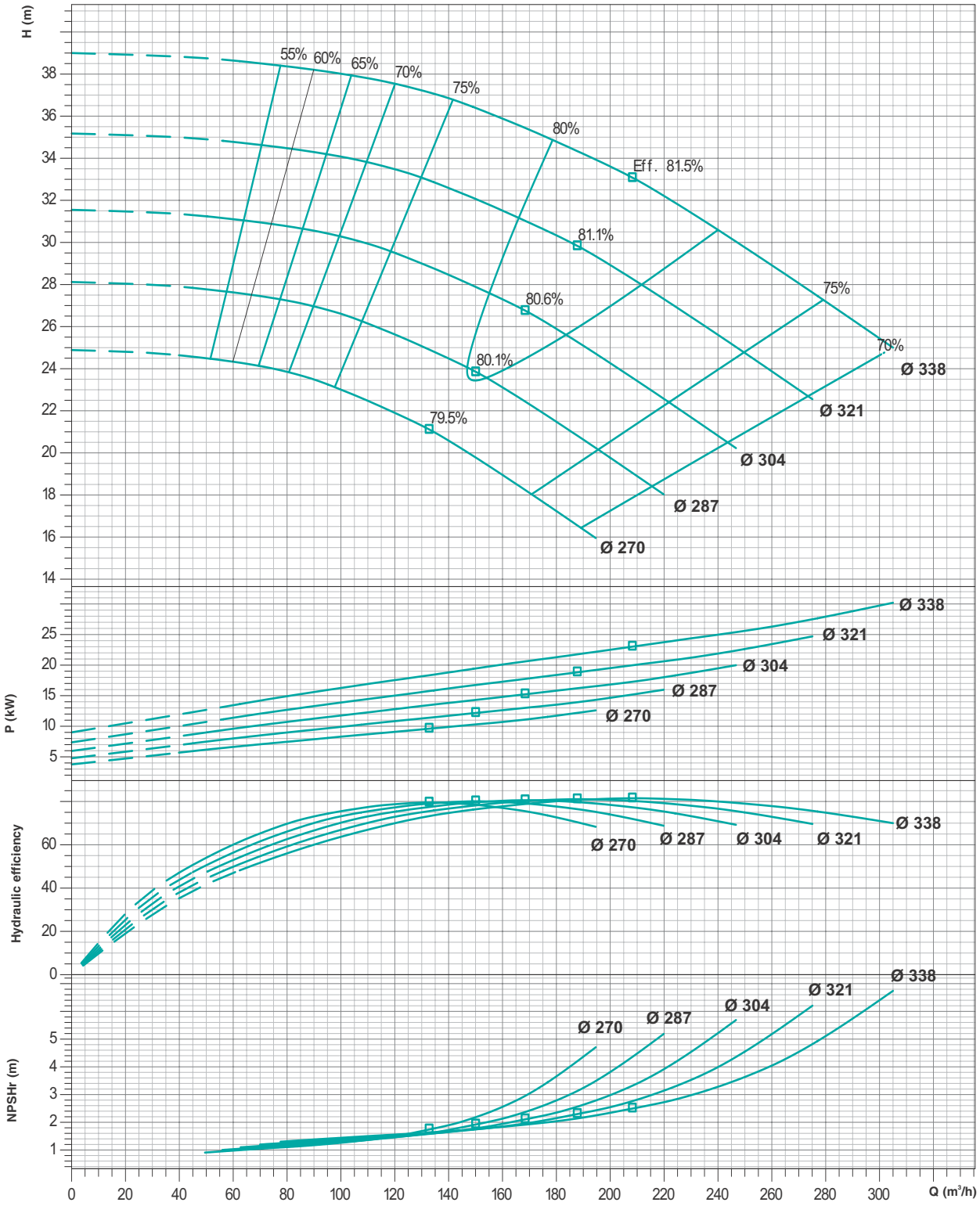
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 100/315** Speed : **1450 rpm** Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **338mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

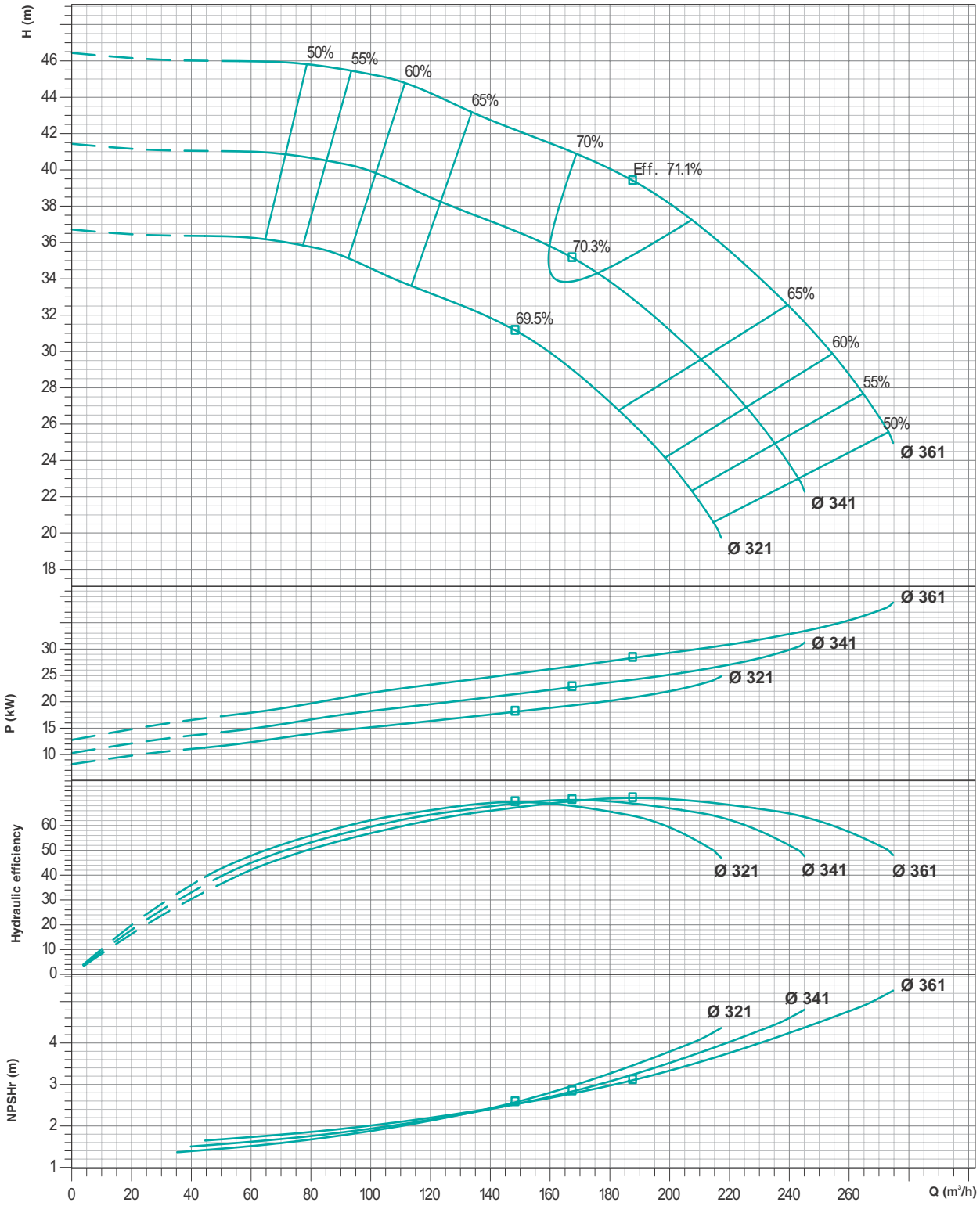
PERFORMANCE CURVES

Model : **TCCH - 100/400**

Speed : **1450 rpm**

Suc x Del (in mm) : **125 x 100**

Max. Impeller Ø : **361mm**



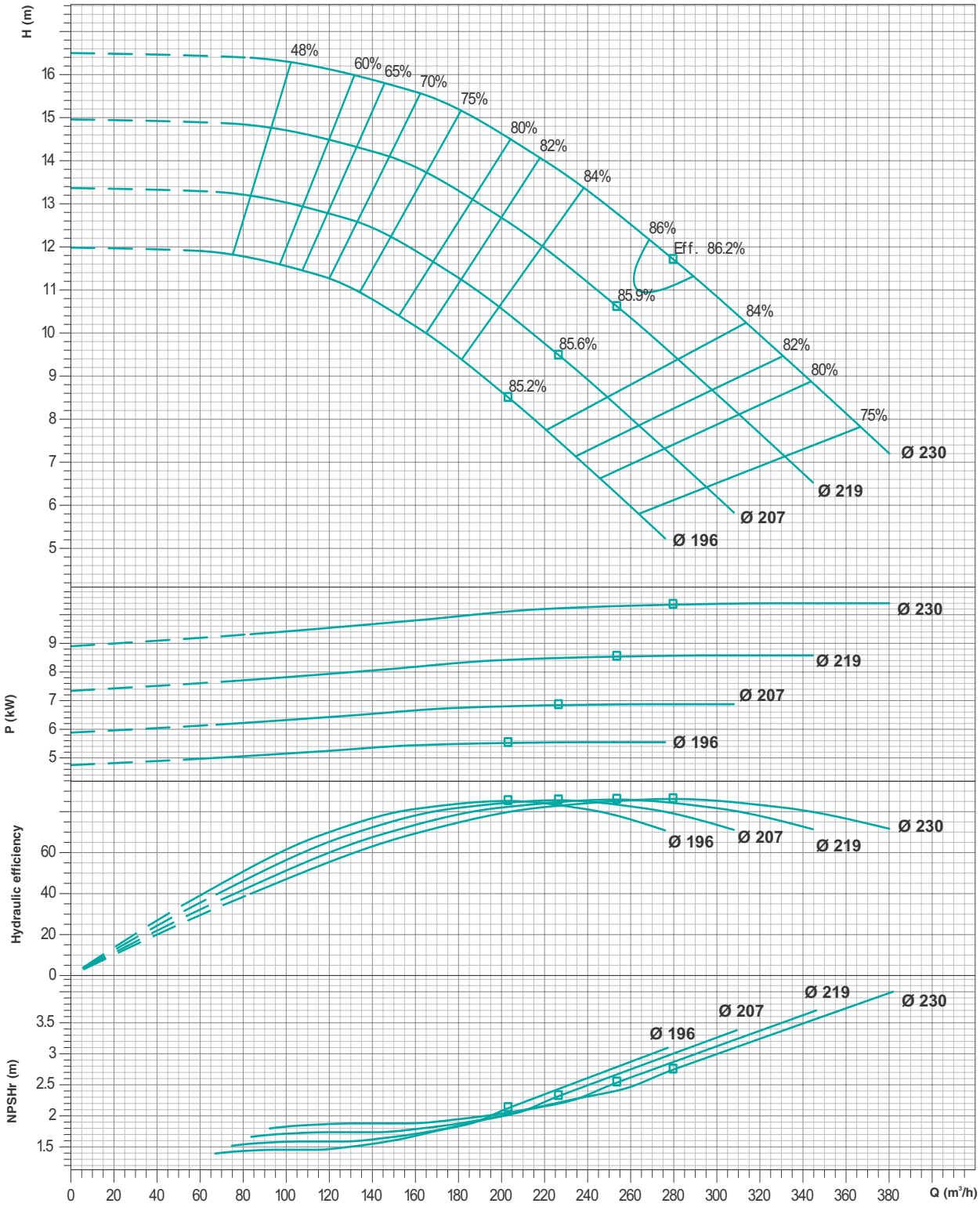
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 125/200** Speed : **1450 rpm** Suc x Del (in mm) : **150 x 125**

Max. Impeller Ø : **230mm**



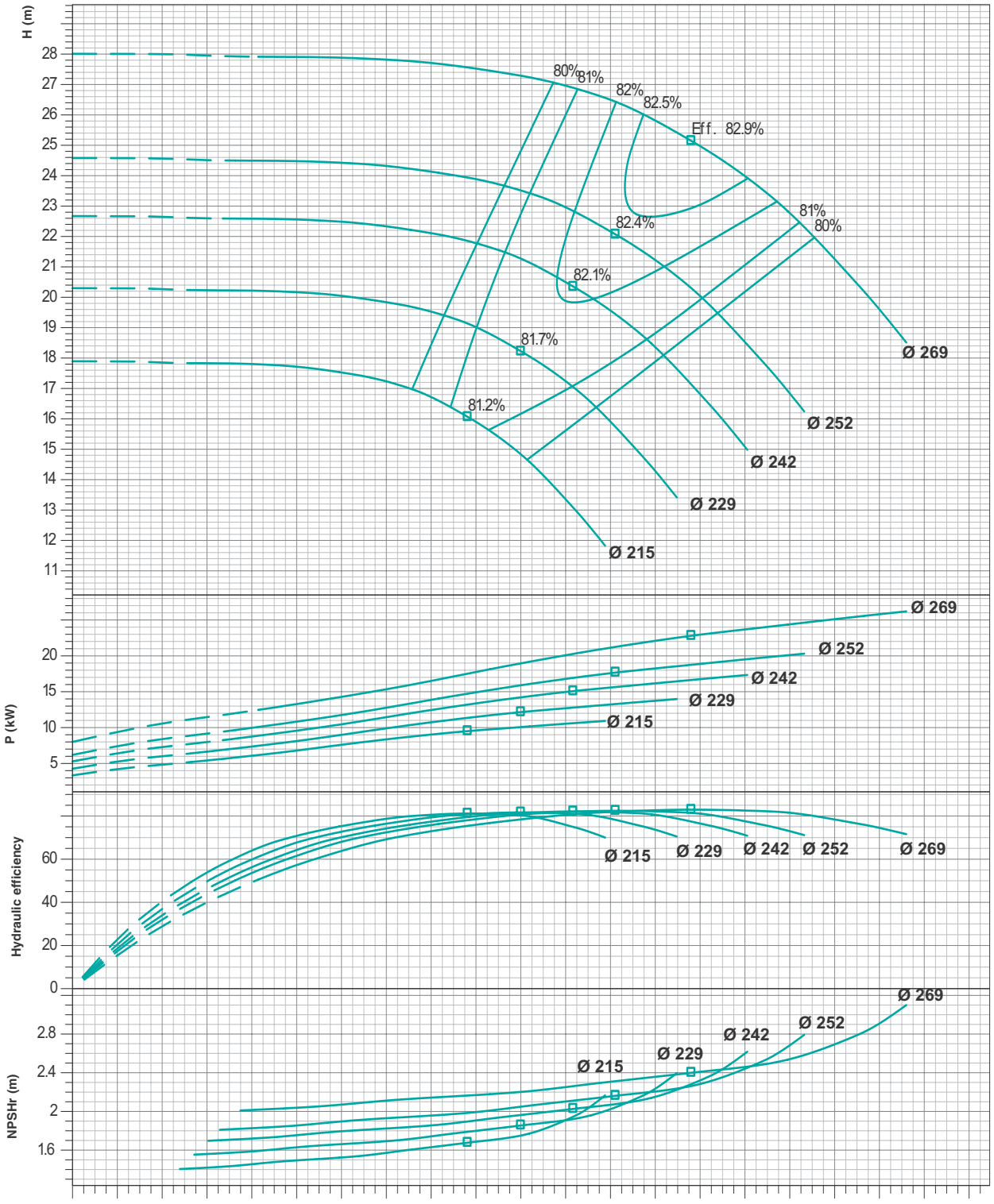
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 125/250** Speed : **1450 rpm** Suc x Del (in mm) : **150 x 125**

Max. Impeller Ø : **269mm**



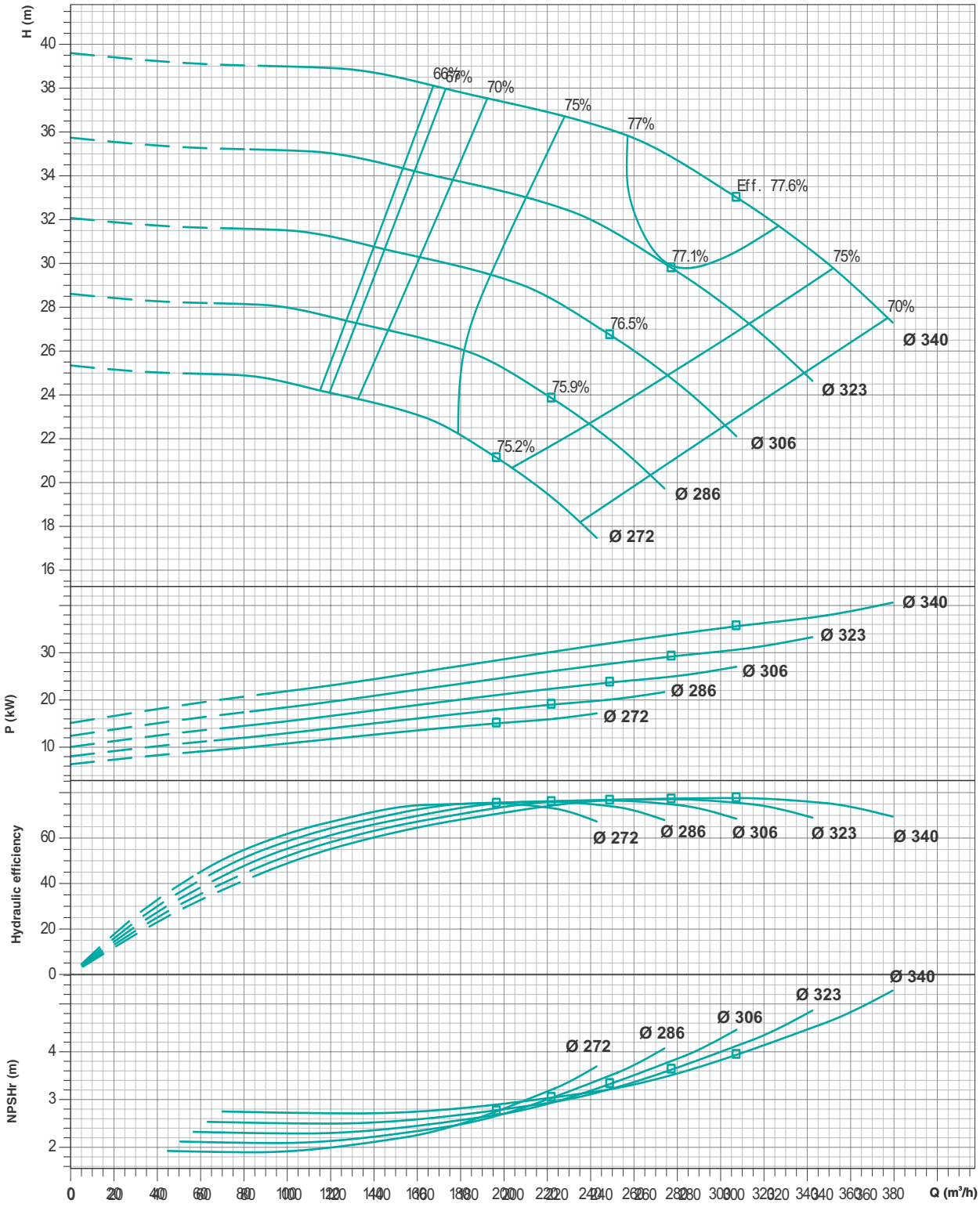
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 125/315** Speed : **1450 rpm** Suc x Del (in mm) : **150 x 125**

Max. Impeller Ø : **340mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

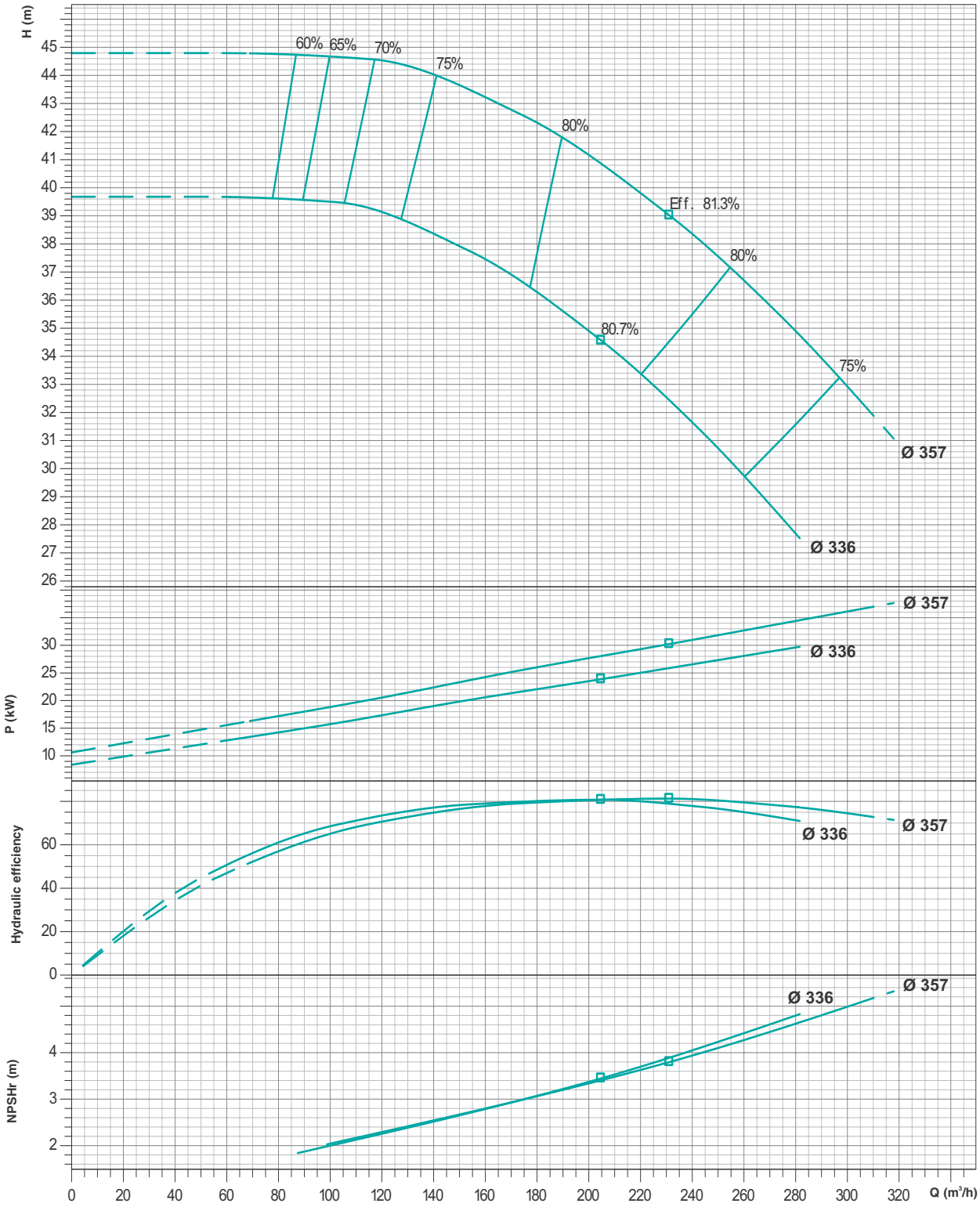
PERFORMANCE CURVES

Model : **TCCH - 125/400**

Speed : **1450 rpm**

Suc x Del (in mm) : **150 x 125**

Max. Impeller Ø : **357mm**



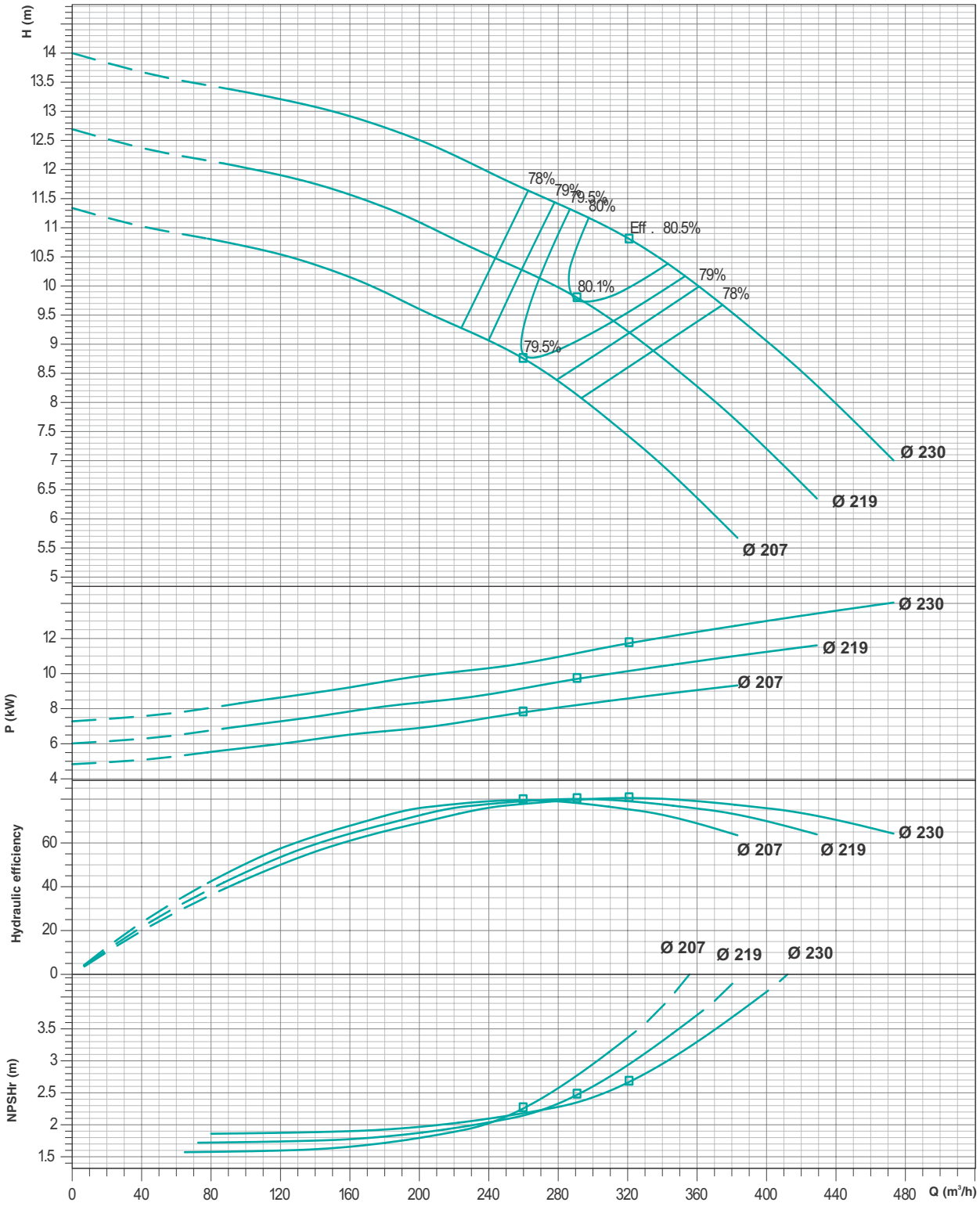
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 150/200** Speed : **1450 rpm** Suc x Del (in mm) : **200 x 150**

Max. Impeller Ø : **230mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

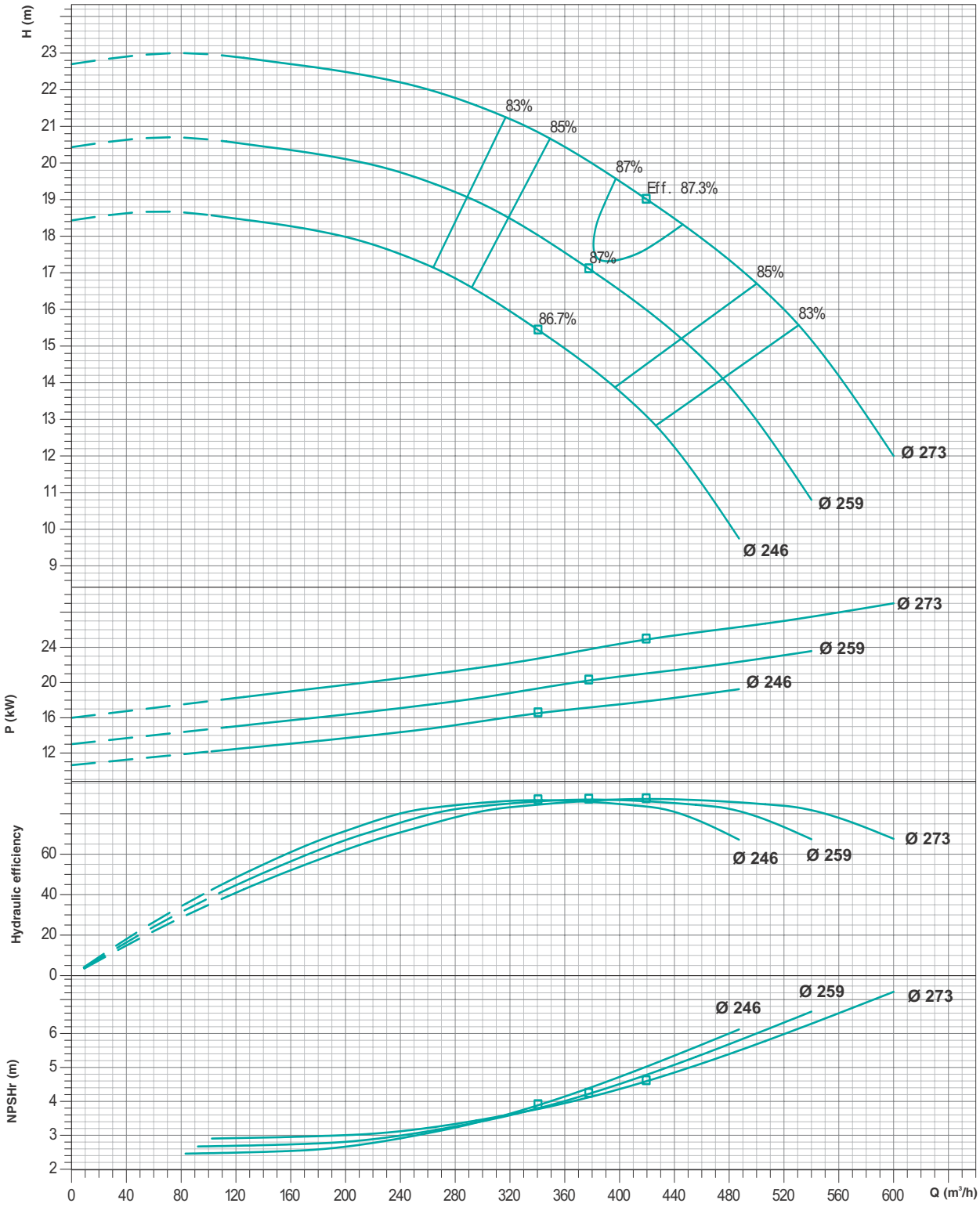
PERFORMANCE CURVES

Model : **TCCH - 150/250**

Speed : **1450 rpm**

Suc x Del (in mm) : **200 x 150**

Max. Impeller Ø : **273mm**



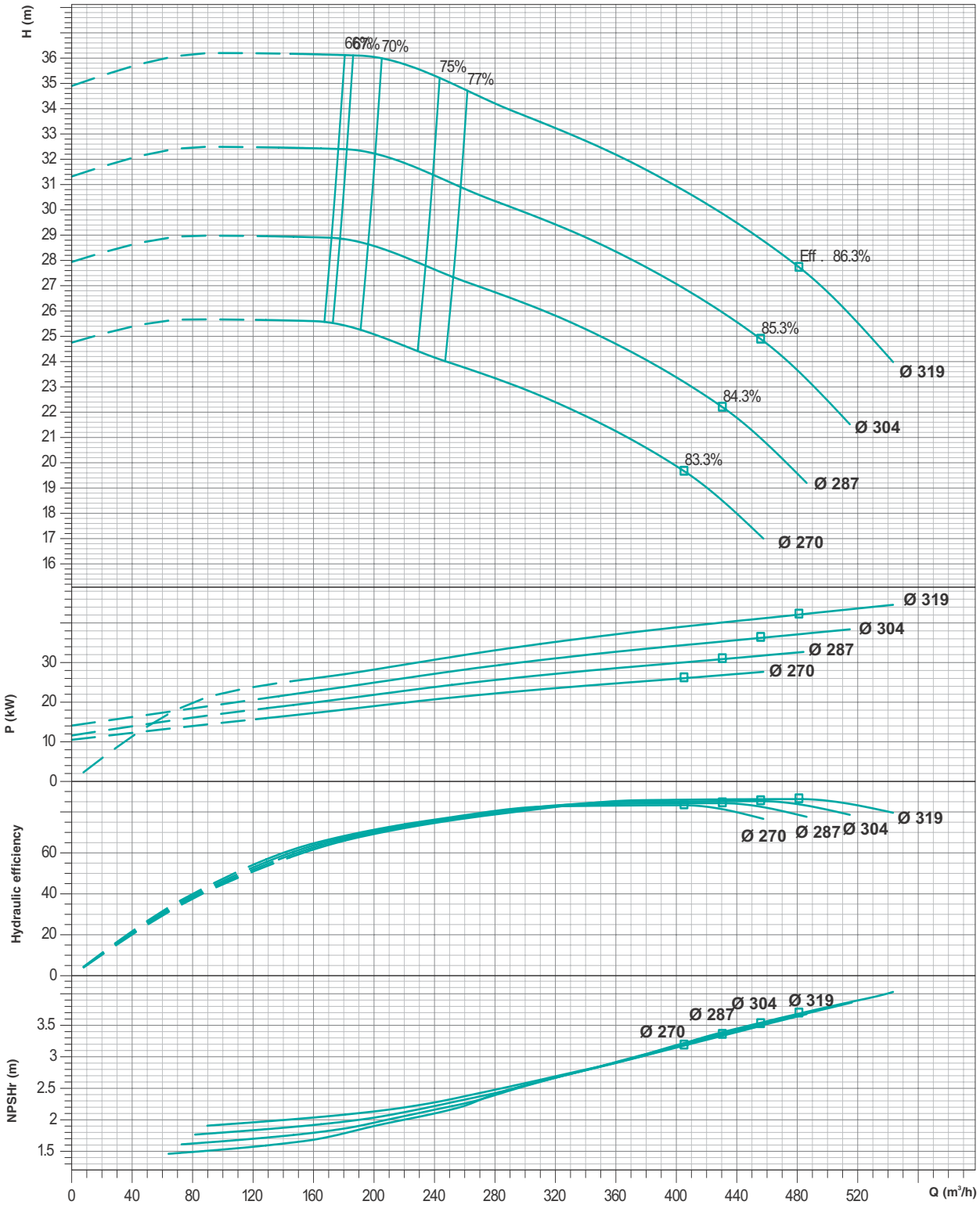
Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

PERFORMANCE CURVES

Model : **TCCH - 150/315** Speed : **1450 rpm** Suc x Del (in mm) : **200 x 150**

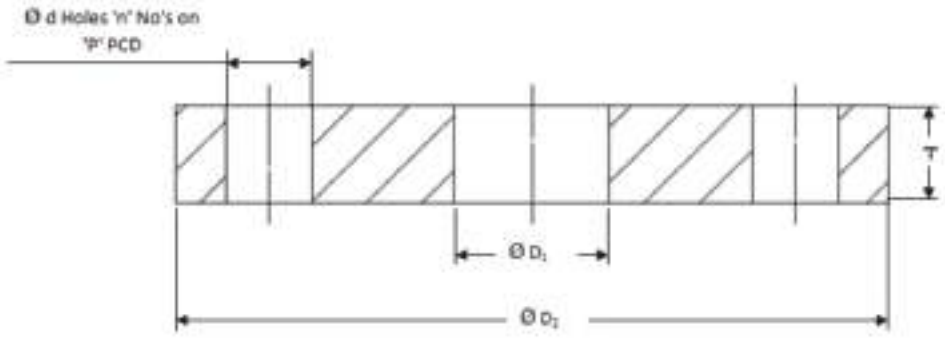
Max. Impeller Ø : **319mm**



Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 2B

Note : Performance curve are as per specific gravity and viscosity of water.

FLANGE DIMENSIONS



S.No.	$ØD_1$	$ØD_2$	P	n	Ød	T
1	25	115	85	4	14	16
2	32	140	100	4	18	18
3	40	150	110	4	18	19
4	50	165	125	4	18	19
5	65	185	145	4	18	20
6	80	200	160	8	18	22
7	100	220	180	8	18	24
8	125	250	210	8	18	19
9	150	285	240	8	22	26

Motor : The motor is a totally enclosed, fan-cooled standard motor with main dimensions are according to IEC standards.

Note : Motors covers the range from 0.37 kW to 45 kW, 2-pole and 4-pole motors.

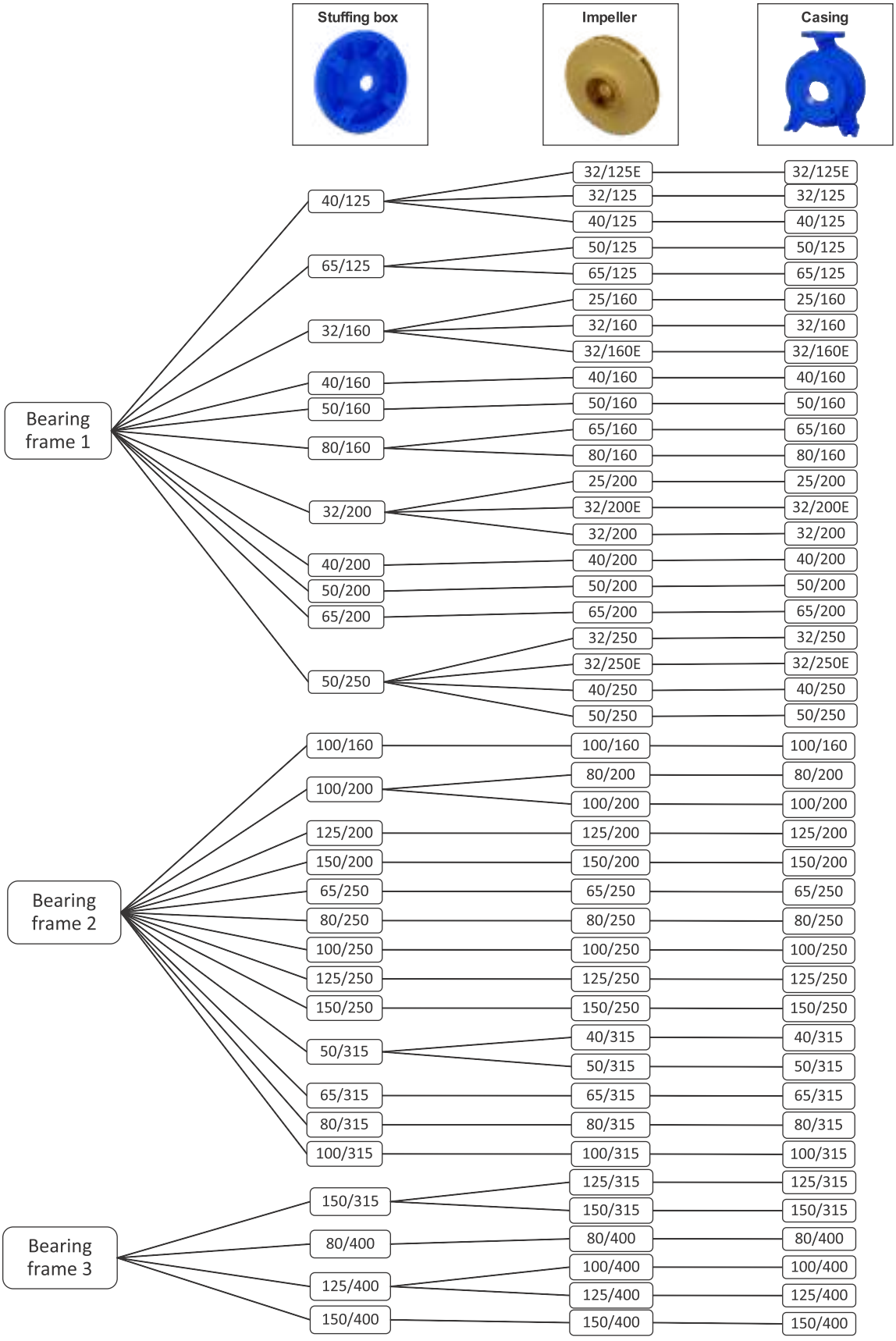
4 Pole

Motor Rating	Frame
0.37	71
0.55	80
0.75	80
1.1	90S
1.5	90L
2.2	100L
3.7	112M
5.5	132S
7.5	132M
9.3	160M
11	160M
15	160L
18.5	180M
22	180L
30	200L
37	225SX
45	225MX

2 Pole

Motor Rating	Frame
0.37	71
0.55	71
0.75	80
1.1	80
1.5	90S
2.2	90L
3.7	100L
5.5	132S
7.5	132S
9.3	160M
11	160M
15	160M
18.5	160L
22	180M
30	200L
37	200L
45	225M

INTERCHANGEABILITY CHART



PUMPSET DIMENSIONS

Figure 1

Pump set with volute casing foot (up to motor rating 7.5 kW)

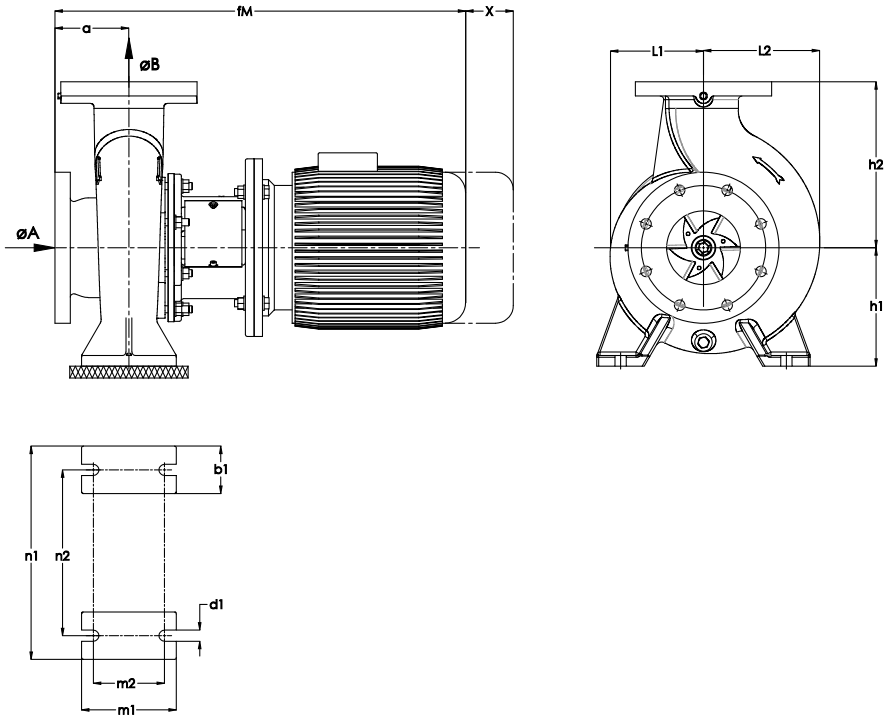
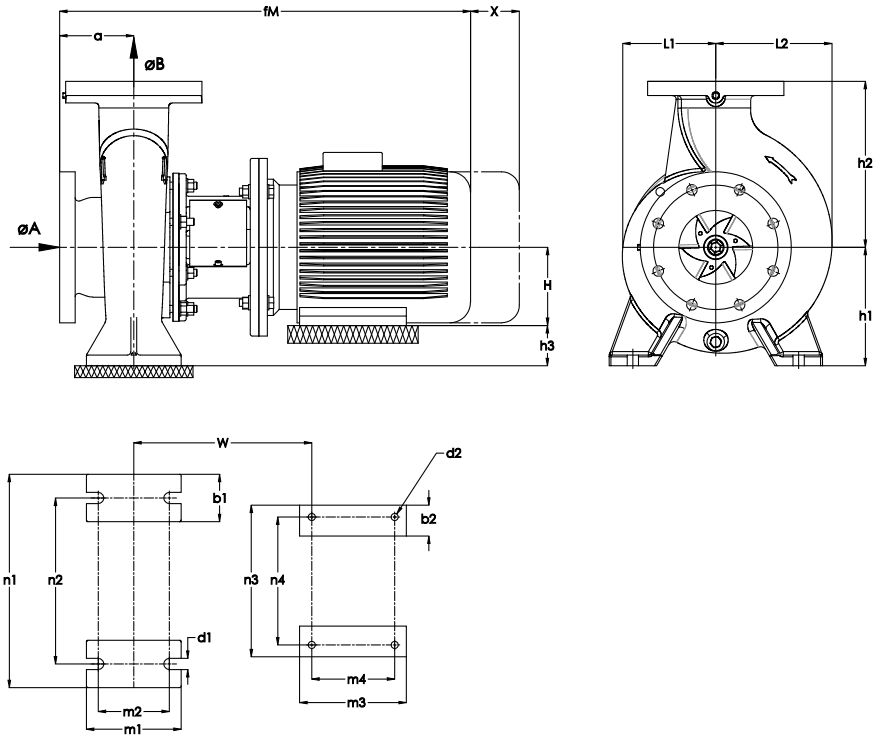


Figure 2

Pump set with volute casing foot and motor foot (starting with motor rating 9.3 kW)



ALL DIMENSIONS ARE IN MM, UNLESS OTHRE WISE SPECIFIED

Model	Size		Motor Rating		Motor Frame	Pump										Pump Mounting Dimensions														X	Pump weight (kg)
	Suction(ØA)	Delivery(ØB)	4Pole	2Pole		a	fM	h1	h2	h3	j	k	W	L1	L2	m1	m2	m3	m4	d1	d2	H	b1	b2	n1	n2	n3	n4		
25/160	40	25	0.25	-	71	80	448	132	160	-	G1/8"	G1/4"	-	125	125	100	70	112	90	14	-	71	50	-	240	190	-	-	100	39
25/160	40	25	0.37	-	71	80	438	132	160	-	G1/8"	G1/4"	-	125	125	100	70	112	90	14	-	71	50	-	240	190	-	-	100	36
25/160	40	25	-	1.5	90S	80	500	132	160	-	G1/8"	G1/4"	-	125	125	100	70	124	100	14	-	90	50	-	240	190	-	-	100	50
25/160	40	25	-	2.2	90L	80	578	132	160	-	G1/8"	G1/4"	-	125	125	100	70	149	100	14	-	90	50	-	240	190	-	-	100	53
25/200	40	25	0.55	-	80	80	509	160	180	-	G1/8"	G1/4"	-	140	140	100	70	125	100	14	-	80	50	-	240	190	-	-	100	47
25/200	40	25	0.75	-	80	80	494	160	180	-	G1/8"	G1/4"	-	140	140	100	70	125	100	14	-	80	50	-	240	190	-	-	100	47
25/200	40	25	-	3.7	100L	80	619	160	180	-	G1/8"	G1/4"	-	140	140	100	70	180	140	14	-	100	50	-	240	190	-	-	100	64
25/200	40	25	-	5.5	112M	80	644	160	180	-	G1/8"	G1/4"	-	140	140	100	70	180	140	14	-	112	50	-	240	190	-	-	100	74
32/125	50	32	0.25	-	71	80	443	112	140	-	G1/8"	G1/4"	-	108	108	100	70	112	90	14	-	71	50	-	190	140	-	-	100	32
32/125	50	32	0.37	-	71	80	433	112	140	-	G1/8"	G1/4"	-	108	108	100	70	112	90	14	-	71	50	-	190	140	-	-	100	32
32/125	50	32	-	1.5	90S	80	548	112	140	-	G1/8"	G1/4"	-	108	108	100	70	124	100	14	-	90	50	-	190	140	-	-	100	43
32/125	50	32	-	2.2	90L	80	573	112	140	-	G1/8"	G1/4"	-	108	108	100	70	149	100	14	-	90	50	-	190	140	-	-	100	46
32/125	50	32	-	3.7	100L	80	630	112	140	-	G1/8"	G1/4"	-	108	108	100	70	180	140	14	-	100	50	-	190	140	-	-	100	57
32/125E	50	32	0.25	-	71	80	433	112	140	-	G1/8"	G1/4"	-	108	108	100	70	112	90	14	-	71	50	-	190	140	-	-	100	31
32/125E	50	32	0.37	-	71	80	443	112	140	-	G1/8"	G1/4"	-	108	108	100	70	112	90	14	-	71	50	-	190	140	-	-	100	30
32/125E	50	32	-	1.1	80	80	508	112	140	-	G1/8"	G1/4"	-	108	108	100	70	125	100	14	-	80	50	-	190	140	-	-	100	38
32/125E	50	32	-	1.5	90S	80	548	112	140	-	G1/8"	G1/4"	-	108	108	100	70	124	100	14	-	90	50	-	190	140	-	-	100	43
32/125E	50	32	-	2.2	90L	80	573	112	140	-	G1/8"	G1/4"	-	108	108	100	70	149	100	14	-	90	50	-	190	140	-	-	100	44
32/160	50	32	0.37	-	71	80	438	132	160	-	G1/8"	G1/4"	-	125	125	100	70	112	90	14	-	71	50	-	240	190	-	-	100	38
32/160	50	32	0.55	-	80	80	513	132	160	-	G1/8"	G1/4"	-	125	125	100	70	125	100	14	-	80	50	-	240	190	-	-	100	44
32/160	50	32	0.75	-	80	80	498	132	160	-	G1/8"	G1/4"	-	125	125	100	70	125	100	14	-	80	50	-	240	190	-	-	100	44
32/160	50	32	-	2.2	90L	80	578	132	160	-	G1/8"	G1/4"	-	125	125	100	70	149	100	14	-	90	50	-	240	190	-	-	100	52
32/160	50	32	-	3.7	100L	80	623	132	160	-	G1/8"	G1/4"	-	125	125	100	70	180	140	14	-	100	50	-	240	190	-	-	100	61
32/160	50	32	-	5.5	112M	80	648	132	160	-	G1/8"	G1/4"	-	125	125	100	70	180	140	14	-	112	50	-	240	190	-	-	100	71
32/160E	50	32	0.37	-	71	80	438	132	160	-	G1/8"	G1/4"	-	125	125	100	70	112	90	14	-	71	50	-	240	190	-	-	100	38
32/160E	50	32	0.55	-	80	80	513	132	160	-	G1/8"	G1/4"	-	125	125	100	70	125	100	14	-	80	50	-	240	190	-	-	100	44
32/160E	50	32	-	2.2	90L	80	578	132	160	-	G1/8"	G1/4"	-	125	125	100	70	149	100	14	-	90	50	-	240	190	-	-	100	51
32/160E	50	32	-	3.7	100L	80	623	132	160	-	G1/8"	G1/4"	-	125	125	100	70	180	140	14	-	100	50	-	240	190	-	-	100	63
32/200	50	32	0.75	-	80	80	495	160	180	-	G1/8"	G1/4"	-	133	140.2	100	70	125	100	14	-	80	50	-	240	190	-	-	100	49
32/200	50	32	1.1	-	90S	80	497	160	180	-	G1/8"	G1/4"	-	133	140.2	100	70	124	100	14	-	90	50	-	240	190	-	-	100	52
32/200	50	32	-	5.5	112M	80	645	160	180	-	G1/8"	G1/4"	-	133	140.2	100	70	180	140	14	-	112	50	-	240	190	-	-	100	76
32/200	50	32	-	7.5	132S	80	606	160	180	-	G1/8"	G1/4"	-	133	140.2	100	70	180	140	14	-	132	50	-	240	190	-	-	100	96
32/200	50	32	-	9.3	160M	80	644	160	180	-	G1/8"	G1/4"	258	133	140.2	100	70	260	210	14	16	160	50	64	240	190	210	254	100	103
32/200E	50	32	0.37	-	71	80	435	160	180	-	G1/8"	G1/4"	-	140	140	100	70	112	90	14	-	71	50	-	240	190	-	-	100	42
32/200E	50	32	0.55	-	80	80	495	160	180	-	G1/8"	G1/4"	-	140	140	100	70	125	100	14	-	80	50	-	240	190	-	-	100	47
32/200E	50	32	0.75	-	80	80	495	160	180	-	G1/8"	G1/4"	-	140	140	100	70	125	100	14	-	80	50	-	240	190	-	-	100	48
32/200E	50	32	1.1	-	90S	80	497	160	180	-	G1/8"	G1/4"	-	140	140	100	70	124	100	14	-	90	50	-	240	190	-	-	100	52
32/200E	50	32	-	3.7	100L	80	620	160	180	-	G1/8"	G1/4"	-	140	140	100	70	180	140	14	-	100	50	-	240	190	-	-	100	65
32/200E	50	32	-	5.5	112M	80	645	160	180	-	G1/8"	G1/4"	-	140	140	100	70	180	140	14	-	112	50	-	240	190	-	-	100	76
32/200E	50	32	-	7.5	132S	80	606	160	180	-	G1/8"	G1/4"	258	140	140	100	70	180	140	14	-	132	50	-	240	190	-	-	100	95
32/250	50	32	1.5	-	90L	100	607	180	225	-	G1/4"	G3/8"	-	180	180	125	95	149	100	14	-	90	65	-	320	250	-	-	100	76
32/250	50	32	2.2	-	100L	100	652	180	225	-	G1/4"	G3/8"	-	180	180	125	95	180	140	14	-	100	65	-	320	250	-	-	100	86
32/250	50	32	-	11	160M	100	792	180	225	20	G1/4"	G3/8"	334	180	180	125	95	260	210	14	16	160	65	64	320	250	210	254	100	160

ALL DIMENSIONS ARE IN MM, UNLESS OTHRE WISE SPECIFIED

Model	Size		Motor Rating		Motor Frame	Pump										Pump Mounting Dimensions													X	Pump weight (kg)
	Suction(ØA)	Delivery(ØB)	4Pole	2Pole		a	fM	h1	h2	h3	j	k	W	L1	L2	m1	m2	m3	m4	d1	d2	H	b1	b2	n1	n2	n3	n4		
32/250	50	32	-	15	160M	100	792	180	225	20	G1/4"	G3/8"	334	180	180	125	95	260	210	14	16	160	65	64	320	250	210	254	100	167
32/250E	50	32	0.75	-	80	100	527	180	225	-	G1/4"	G3/8"	-	180	180	125	95	125	100	14	-	80	65	-	320	250	-	-	100	69
32/250E	50	32	1.1	-	90S	100	542	180	225	-	G1/4"	G3/8"	-	180	180	125	95	124	100	14	-	90	65	-	320	250	-	-	100	73
32/250E	50	32	1.5	-	90L	100	677	180	225	-	G1/4"	G3/8"	-	180	180	125	95	149	100	14	-	90	65	-	320	250	-	-	100	96
32/250E	50	32	-	3.7	100L	100	677	180	225	-	G1/4"	G3/8"	-	180	180	125	95	180	140	14	-	100	65	-	320	250	-	-	100	96
32/250E	50	32	-	7.5	132S	100	638	180	225	-	G1/4"	G3/8"	-	180	180	125	95	180	140	14	-	132	65	-	320	250	-	-	100	117
32/250E	50	32	-	11	160M	100	792	180	225	20	G1/4"	G3/8"	334	180	180	125	95	260	210	14	16	160	65	64	320	250	210	254	100	160
32/250E	50	32	-	15	160M	100	792	180	225	20	G1/4"	G3/8"	334	180	180	125	95	260	210	14	16	160	65	64	320	250	210	254	100	166
40/125	65	40	0.37	-	71	80	433	112	140	-	G1/8"	G1/4"	-	108	116	100	70	112	90	14	-	71	50	-	210	160	-	-	100	33
40/125	65	40	0.55	-	80	80	508	112	140	-	G1/8"	G1/4"	-	108	116	100	70	125	100	14	-	80	50	-	210	160	-	-	100	38
40/125	65	40	-	2.2	90L	80	573	112	140	-	G1/8"	G1/4"	-	108	116	100	70	149	100	14	-	90	50	-	210	160	-	-	100	47
40/125	65	40	-	3.7	100L	80	630	112	140	-	G1/8"	G1/4"	-	108	116	100	70	180	140	14	-	100	50	-	210	160	-	-	100	59
40/125	65	40	-	5.5	112M	80	655	112	140	-	G1/8"	G1/4"	-	108	116	100	70	180	140	14	-	112	50	-	210	160	-	-	100	69
40/160	65	40	0.55	-	80	80	500	132	160	-	G1/8"	G1/4"	-	125	132	100	70	125	100	14	-	80	50	-	240	190	-	-	100	44
40/160	65	40	0.75	-	80	80	500	132	160	-	G1/8"	G1/4"	-	125	132	100	70	125	100	14	-	80	50	-	240	190	-	-	100	45
40/160	65	40	1.1	-	90S	80	502	132	160	-	G1/8"	G1/4"	-	125	132	100	70	124	100	14	-	90	50	-	240	190	-	-	100	50
40/160	65	40	-	3.7	100L	80	625	132	160	-	G1/8"	G1/4"	-	125	132	100	70	180	140	14	-	100	50	-	240	190	-	-	100	63
40/160	65	40	-	5.5	112M	80	650	132	160	-	G1/8"	G1/4"	-	125	132	100	70	180	140	14	-	112	50	-	240	190	-	-	100	73
40/160	65	40	-	7.5	132S	80	611	132	160	-	G1/8"	G1/4"	-	125	132	100	70	180	140	14	-	132	50	-	240	190	-	-	100	93
40/200	65	40	1.1	-	90S	100	535	160	180	-	G1/4"	G3/8"	-	140	146	100	70	124	100	14	-	90	50	-	265	212	-	-	100	57
40/200	65	40	1.5	-	90L	100	600	160	180	-	G1/4"	G3/8"	-	140	146	100	70	149	100	14	-	90	50	-	265	212	-	-	100	59
40/200	65	40	2.2	-	100L	100	645	160	180	-	G1/4"	G3/8"	-	140	146	100	70	180	140	14	-	100	50	-	265	212	-	-	100	68
40/200	65	40	-	7.5	132S	100	631	160	180	-	G1/4"	G3/8"	-	140	146	100	70	180	140	14	-	132	50	-	265	212	-	-	100	101
40/200	65	40	-	11	160M	100	784	160	180	-	G1/4"	G3/8"	326	140	146	100	70	260	210	14	16	160	50	64	265	212	210	254	100	143
40/200	65	40	-	15	160M	100	784	160	180	-	G1/4"	G3/8"	326	140	146	100	70	260	210	14	16	160	50	64	265	212	210	254	100	150
40/250	65	40	1.5	-	90L	100	607	180	225	-	G1/4"	G3/8"	-	181	172	125	95	149	100	14	-	90	65	-	320	250	-	-	100	77
40/250	65	40	2.2	-	100L	100	652	180	225	-	G1/4"	G3/8"	-	181	172	125	95	180	140	14	-	100	65	-	320	250	-	-	100	86
40/250	65	40	3	-	100L	100	586	180	225	-	G1/4"	G3/8"	-	181	172	125	95	180	140	14	-	100	65	-	320	250	-	-	100	88
40/250	65	40	3.7	-	112M	100	677	180	225	-	G1/4"	G3/8"	-	181	172	125	95	180	140	14	-	112	65	-	320	250	-	-	100	97
40/250	65	40	-	11	160M	100	792	180	225	20	G1/4"	G3/8"	334	181	172	125	95	260	210	14	16	160	65	64	320	250	210	254	100	161
40/250	65	40	-	15	160M	100	792	180	225	20	G1/4"	G3/8"	334	181	172	125	95	260	210	14	16	160	65	64	320	250	210	254	100	168
40/250	65	40	-	18.5	160L	100	834	180	225	20	G1/4"	G3/8"	334	181	172	125	95	304	210	14	15	160	65	64	320	250	210	254	100	186
40/250	65	40	-	22	180M	100	859	180	225	-	G1/4"	G3/8"	347	181	172	125	95	297	241	14	15	180	65	65	320	250	241	279	100	221
40/315	65	40	3.7	-	112M	125	741	225	250	-	G1/4"	G1/2"	-	213	204	125	95	180	140	14	-	112	65	-	345	280	-	-	100	120
40/315	65	40	5.5	-	132S	125	702	225	250	-	G1/4"	G1/2"	-	213	204	125	95	180	140	14	-	132	65	-	345	280	-	-	100	142
40/315	65	40	-	37	200L	125	1045	225	250	25	G1/4"	G1/2"	403	213	204	125	95	365	305	14	19	200	65	84	345	280	305	318	100	342
40/315	65	40	-	45	225M	125	1094	225	250	-	G1/4"	G1/2"	453	213	204	125	95	371	286	14	19	225	65	92	345	280	286	356	100	464
50/125	65	50	0.55	-	80	100	534	132	160	-	G1/8"	G1/4"	-	112	128	100	70	125	100	14	-	80	50	-	240	190	-	-	100	42
50/125	65	50	0.75	-	80	100	519	132	160	-	G1/8"	G1/4"	-	112	128	100	70	125	100	14	-	80	50	-	240	190	-	-	100	42
50/125	65	50	-	3.7	100L	100	656	132	160	-	G1/8"	G1/4"	-	112	128	100	70	180	140	14	-	100	50	-	240	190	-	-	100	61
50/125	65	50	-	5.5	112M	100	681	132	160	-	G1/8"	G1/4"	-	112	128	100	70	180	140	14	-	112	50	-	240	190	-	-	100	71
50/125	65	50	-	7.5	132S	100	634	132	160	-	G1/8"	G1/4"	266	112	128	100	70	180	140	14	-	132	50	-	240	190	-	-	100	92
50/160	65	50	0.75	-	80	100	524	160	180	-	G1/8"	G1/4"	-	125	139	100	70	125	100	14	-	80	50	-	265	212	-	-	100	48

ALL DIMENSIONS ARE IN MM, UNLESS OTHRE WISE SPECIFIED

Model	Size		Motor Rating		Motor Frame	Pump										Pump Mounting Dimensions														X	Pump weight (kg)
	Suction(ØA)	Delivery(ØB)	4Pole	2Pole		a	fM	h1	h2	h3	j	k	W	L1	L2	m1	m2	m3	m4	d1	d2	H	b1	b2	n1	n2	n3	n4		
50/160	65	50	1.1	-	90S	100	539	160	180	-	G1/8"	G1/4"	-	125	139	100	70	124	100	14	-	90	50	-	265	212	-	-	100	52
50/160	65	50	1.5	-	90L	100	604	160	180	-	G1/8"	G1/4"	-	125	139	100	70	149	100	14	-	90	50	-	265	212	-	-	100	54
50/160	65	50	2.2	-	100L	100	649	160	180	-	G1/8"	G1/4"	-	125	139	100	70	180	140	14	-	100	50	-	265	212	-	-	100	63
50/160	65	50	-	7.5	132S	100	635	160	180	-	G1/8"	G1/4"	-	125	139	100	70	180	140	14	-	132	50	-	265	212	-	-	100	95
50/160	65	50	-	11	160M	100	789	160	180	-	G1/8"	G1/4"	331	125	139	100	70	260	210	14	16	160	50	64	265	212	210	254	100	145
50/200	65	50	1.5	-	90L	100	600	160	200	-	G1/4"	G3/8"	-	142	155	100	70	149	100	14	-	90	50	-	265	212	-	-	100	60
50/200	65	50	2.2	-	100L	100	645	160	200	-	G1/4"	G3/8"	-	142	155	100	70	180	140	14	-	100	50	-	265	212	-	-	100	69
50/200	65	50	3	-	100L	100	579	160	200	-	G1/4"	G3/8"	-	142	155	100	70	180	140	14	-	100	50	-	265	212	-	-	100	71
50/200	65	50	3.7	-	112M	100	670	160	200	-	G1/4"	G3/8"	-	142	155	100	70	180	140	14	-	112	50	-	265	212	-	-	100	81
50/200	65	50	-	11	160M	100	784	160	200	-	G1/4"	G3/8"	326	142	155	100	70	260	210	14	16	160	50	64	265	212	210	254	100	144
50/200	65	50	-	15	160M	100	784	160	200	-	G1/4"	G3/8"	326	142	155	100	70	260	210	14	16	160	50	64	265	212	210	254	100	151
50/200	65	50	-	18.5	160L	100	828	160	200	-	G1/4"	G3/8"	326	142	155	100	70	304	210	14	15	160	50	64	265	212	210	254	100	169
50/200	65	50	-	22	180M	100	851	160	200	-20	G1/4"	G3/8"	339	142	155	100	70	297	241	14	15	180	50	65	265	212	241	279	100	204
50/250	65	50	2.2	-	100L	100	652	180	225	-	G1/4"	G3/8"	-	170	183	125	95	180	140	14	-	100	65	-	320	250	-	-	100	88
50/250	65	50	3	-	100L	100	586	180	225	-	G1/4"	G3/8"	-	170	183	125	95	180	140	14	-	100	65	-	320	250	-	-	100	90
50/250	65	50	3.7	-	112M	100	677	180	225	-	G1/4"	G3/8"	-	170	183	125	95	180	140	14	-	112	65	-	320	250	-	-	100	99
50/250	65	50	5.5	-	132S	100	638	180	225	-	G1/4"	G3/8"	-	170	183	125	95	180	140	14	-	132	65	-	320	250	-	-	100	119
50/250	65	50	-	15	160M	100	792	180	225	20	G1/4"	G3/8"	334	170	183	125	95	260	210	14	16	160	65	64	320	250	210	254	100	169
50/250	65	50	-	18.5	160L	100	836	180	225	20	G1/4"	G3/8"	334	170	183	125	95	304	210	14	15	160	65	64	320	250	210	254	100	187
50/250	65	50	-	22	180M	100	859	180	225	-	G1/4"	G3/8"	347	170	183	125	95	297	241	14	15	180	65	65	320	250	241	279	100	223
50/250	65	50	-	30	200L	100	996	180	225	-20	G1/4"	G3/8"	379	170	183	125	95	365	305	14	19	200	65	84	320	250	305	318	100	300
50/250	65	50	-	37	200L	100	996	180	225	-20	G1/4"	G3/8"	379	170	183	125	95	365	305	14	19	200	65	84	320	250	305	318	100	318
50/315	65	50	3.7	-	112M	125	741	225	280	-	G1/4"	G1/2"	-	205	213	125	95	180	140	14	-	112	65	-	345	280	-	-	100	122
50/315	65	50	5.5	-	132S	125	718	225	280	-	G1/4"	G1/2"	-	205	213	125	95	180	140	14	-	132	65	-	345	280	-	-	100	143
50/315	65	50	7.5	-	132M	125	702	225	280	-	G1/4"	G1/2"	-	205	213	125	95	218	140	14	-	132	65	-	345	280	-	-	100	150
50/315	65	50	9.3	-	160M	125	845	225	280	65	G1/4"	G1/2"	362	205	213	125	95	260	210	14	16	160	65	64	345	280	210	254	100	190
50/315	65	50	-	30	200L	125	1045	225	280	25	G1/4"	G1/2"	403	205	213	125	95	365	305	14	19	200	65	84	345	280	305	318	100	324
50/315	65	50	-	37	200L	125	1045	225	280	25	G1/4"	G1/2"	403	205	213	125	95	365	305	14	19	200	65	84	345	280	305	318	100	342
50/315	65	50	-	45	225M	125	1094	225	280	-	G1/4"	G1/2"	453	205	213	125	95	371	286	14	19	225	65	92	345	280	286	356	100	467
65/125	80	65	0.55	-	80	100	519	160	180	-	G1/8"	G1/4"	-	118	144	125	95	125	100	14	-	80	65	-	280	212	-	-	100	44
65/125	80	65	0.75	-	80	100	519	160	180	-	G1/8"	G1/4"	-	118	144	125	95	125	100	14	-	80	65	-	280	212	-	-	100	45
65/125	80	65	1.1	-	90S	100	521	160	180	-	G1/8"	G1/4"	-	118	144	125	95	124	100	14	-	90	65	-	280	212	-	-	100	49
65/125	80	65	-	5.5	112M	100	681	160	180	-	G1/8"	G1/4"	-	118	144	125	95	180	140	14	-	112	65	-	280	212	-	-	100	74
65/125	80	65	-	7.5	132S	100	634	160	180	-	G1/8"	G1/4"	-	118	144	125	95	180	140	14	-	132	65	-	280	212	-	-	100	96
65/125	80	65	-	9.3	160M	100	672	160	180	-	G1/8"	G1/4"	266	118	144	125	95	260	210	14	16	160	65	64	280	212	210	254	100	103
65/160	80	65	1.1	-	90S	100	546	160	200	-	G1/8"	G1/4"	-	126	148	125	95	124	100	14	-	90	65	-	280	212	-	-	100	56
65/160	80	65	1.5	-	90L	100	611	160	200	-	G1/8"	G1/4"	-	126	148	125	95	149	100	14	-	90	65	-	280	212	-	-	100	58
65/160	80	65	2.2	-	100L	100	656	160	200	-	G1/8"	G1/4"	-	126	148	125	95	180	140	14	-	100	65	-	280	212	-	-	100	68
65/160	80	65	-	7.5	132S	100	642	160	200	-	G1/8"	G1/4"	-	126	148	125	95	180	140	14	-	132	65	-	280	212	-	-	100	100
65/160	80	65	-	11	160M	100	796	160	200	-	G1/8"	G1/4"	338	126	148	125	95	260	210	14	16	160	65	64	280	212	210	254	100	150
65/160	80	65	-	15	160M	100	796	160	200	-	G1/8"	G1/4"	338	126	148	125	95	260	210	14	16	160	65	64	280	212	210	254	100	149
65/200	80	65	2.2	-	100L	100	650	180	225	-	G1/4"	G3/8"	-	144	162	125	95	180	140	14	-	100	65	-	320	250	-	-	140	72
65/200	80	65	3	-	100L	100	584	180	225	-	G1/4"	G3/8"	-	144	162	125	95	180	140	14	-	100	65	-	320	250	-	-	140	74

ALL DIMENSIONS ARE IN MM, UNLESS OTHRE WISE SPECIFIED

Model	Size		Motor Rating		Motor Frame	Pump										Pump Mounting Dimensions													X	Pump weight (kg)
	Suction(ØA)	Delivery(ØB)	4Pole	2Pole		a	fM	h1	h2	h3	j	k	W	L1	L2	m1	m2	m3	m4	d1	d2	H	b1	b2	n1	n2	n3	n4		
65/200	80	65	3.7	-	112M	100	675	180	225	-	G1/4"	G3/8"	-	144	162	125	95	180	140	14	-	112	65	-	320	250	-	-	140	83
65/200	80	65	-	15	160M	100	789	180	225	20	G1/4"	G3/8"	331	144	162	125	95	260	210	14	16	160	65	64	320	250	210	254	140	153
65/200	80	65	-	18.5	160L	100	833	180	225	20	G1/4"	G3/8"	331	144	162	125	95	304	210	14	15	160	65	64	320	250	210	254	140	171
65/200	80	65	-	22	180M	100	856	180	225	-	G1/4"	G3/8"	344	144	162	125	95	297	241	14	15	180	65	65	320	250	241	279	140	207
65/200	80	65	-	30	200L	100	993	180	225	-20	G1/4"	G3/8"	376	144	162	125	95	365	305	14	19	200	65	84	320	250	305	318	140	284
65/250	80	65	3	-	100L	100	623	200	250	-	G1/4"	G3/8"	-	183	186	160	120	180	140	19	-	100	80	-	360	280	-	-	140	100
65/250	80	65	3.7	-	112M	100	714	200	250	-	G1/4"	G3/8"	-	183	186	160	120	180	140	19	-	112	80	-	360	280	-	-	140	109
65/250	80	65	5.5	-	132S	100	675	200	250	-	G1/4"	G3/8"	-	183	186	160	120	180	140	19	-	132	80	-	360	280	-	-	140	129
65/250	80	65	-	22	180M	100	885	200	250	20	G1/4"	G3/8"	373	183	186	160	120	297	241	19	15	180	80	65	360	280	241	279	140	234
65/250	80	65	-	30	200L	100	1018	200	250	-	G1/4"	G3/8"	401	183	186	160	120	365	305	19	19	200	80	84	360	280	305	318	140	311
65/250	80	65	-	37	200L	100	1018	200	250	-	G1/4"	G3/8"	401	183	186	160	120	365	305	19	19	200	80	84	360	280	305	318	140	329
65/250	80	65	-	45	225M	100	1066	200	250	-25	G1/4"	G3/8"	450	183	186	160	120	371	286	19	19	225	80	92	360	280	286	356	140	453
65/315	80	65	5.5	-	132S	125	718	225	280	-	G1/4"	G1/2"	-	213	217	160	120	180	140	19	-	132	80	-	400	315	-	-	140	143
65/315	80	65	7.5	-	132M	125	702	225	280	-	G1/4"	G1/2"	-	213	217	160	120	218	140	19	-	132	80	-	400	315	-	-	140	150
65/315	80	65	9.3	-	160M	125	845	225	280	65	G1/4"	G1/2"	362	213	217	160	120	260	210	19	16	160	80	64	400	315	210	254	140	186
65/315	80	65	11	-	160M	125	847	225	280	65	G1/4"	G1/2"	364	213	217	160	120	260	210	19	16	160	80	64	400	315	210	254	140	197
65/315	80	65	-	45	225M	125	1096	225	280	-	G1/4"	G1/2"	456	213	217	160	120	371	286	19	19	225	80	92	400	315	286	356	140	472
80/160	100	80	1.5	-	90L	125	636	180	225	-	G1/4"	G3/8"	-	138	183	125	95	149	100	14	-	90	65	-	320	250	-	-	140	64
80/160	100	80	2.2	-	100L	125	681	180	225	-	G1/4"	G3/8"	-	138	183	125	95	180	140	14	-	100	65	-	320	250	-	-	140	73
80/160	100	80	3	-	100L	125	615	180	225	-	G1/4"	G3/8"	-	138	183	125	95	180	140	14	-	100	65	-	320	250	-	-	140	75
80/160	100	80	3.7	-	112M	125	706	180	225	-	G1/4"	G3/8"	-	138	183	125	95	180	140	14	-	112	65	-	320	250	-	-	140	84
80/160	100	80	-	11	160M	125	821	180	225	20	G1/4"	G3/8"	338	138	183	125	95	260	210	14	16	160	65	64	320	250	210	254	140	147
80/160	100	80	-	15	160M	125	821	180	225	20	G1/4"	G3/8"	338	138	183	125	95	260	210	14	16	160	65	64	320	250	210	254	140	155
80/160	100	80	-	18.5	160L	125	865	180	225	20	G1/4"	G3/8"	338	138	183	125	95	304	210	14	15	160	65	64	320	250	210	254	140	173
80/160	100	80	-	22	180M	125	888	180	225	-	G1/4"	G3/8"	351	138	183	125	95	297	241	14	15	180	65	65	320	250	241	279	140	208
80/160	100	80	-	30	200L	125	1025	180	225	-20	G1/4"	G3/8"	383	138	183	125	95	365	305	14	19	200	65	84	320	250	305	318	140	303
80/200	100	80	3	-	100L	125	657	180	250	-	G1/4"	G3/8"	-	159	185	125	95	180	140	19	-	100	65	-	345	280	-	-	140	91
80/200	100	80	3.7	-	112M	125	748	180	250	-	G1/4"	G3/8"	-	159	185	125	95	180	140	19	-	112	65	-	345	280	-	-	140	100
80/200	100	80	5.5	-	132S	125	705	180	250	-	G1/4"	G3/8"	-	159	185	125	95	180	140	19	-	132	65	-	345	280	-	-	140	89
80/200	100	80	-	30	200L	125	1047	180	250	-20	G1/4"	G3/8"	405	159	185	125	95	365	305	19	19	200	65	84	345	280	305	318	140	302
80/200	100	80	-	37	200L	125	1047	180	250	-20	G1/4"	G3/8"	405	159	185	125	95	365	305	19	19	200	65	84	345	280	305	318	140	320
80/200	100	80	-	45	225M	125	1095	180	250	-45	G1/4"	G3/8"	454	159	185	125	95	371	286	19	19	225	65	92	345	280	286	356	140	443
80/250	100	80	5.5	-	132S	125	719	200	280	-	G1/4"	G3/8"	-	183	201	160	120	180	140	19	-	132	80	-	400	315	-	-	140	136
80/250	100	80	7.5	-	132M	125	703	200	280	-	G1/4"	G3/8"	-	183	201	160	120	218	140	19	-	132	80	-	400	315	-	-	140	143
80/250	100	80	9.3	-	160M	125	846	200	280	40	G1/4"	G3/8"	363	183	201	160	120	260	210	19	16	160	80	64	400	315	210	254	140	180
80/250	100	80	-	37	200L	125	1046	200	280	-	G1/4"	G3/8"	404	183	201	160	120	365	305	19	19	200	80	84	400	315	305	318	140	336
80/250	100	80	-	45	225M	125	1095	200	280	-25	G1/4"	G3/8"	454	183	201	160	120	371	286	19	19	225	80	92	400	315	286	356	140	461
80/315	100	80	9.3	-	160M	125	851	250	315	90	G1/4"	G1/2"	368	213	232	160	120	260	210	19	16	160	80	64	400	315	210	254	140	197
80/315	100	80	11	-	160M	125	851	250	315	90	G1/4"	G1/2"	368	213	232	160	120	260	210	19	16	160	80	64	400	315	210	254	140	204
80/315	100	80	15	-	160L	125	895	250	315	90	G1/4"	G1/2"	368	213	232	160	120	304	210	19	15	160	80	64	400	315	210	254	140	222
80/315	100	80	18.5	-	180M	125	918	250	315	70	G1/4"	G1/2"	381	213	232	160	120	297	241	19	15	180	80	65	400	315	241	279	140	253
80/400	100	80	30	-	200L	125	1073	280	355	80	G1/4"	G1/2"	431	271	270	200	120	365	305	24	19	200	100	84	435	355	305	318	140	396
100/160	125	100	3	-	100L	125	646	200	280	-	G1/4"	G3/8"	-	157	196	160	120	180	140	19	-	100	80	-	360	280	-	-	140	86

Model	Size		Motor Rating		Motor Frame	Pump										Pump Mounting Dimensions														X	Pump weight (kg)
	Suction(ØA)	Delivery(ØB)	4Pole	2Pole		a	fM	h1	h2	h3	j	k	W	L1	L2	m1	m2	m3	m4	d1	d2	H	b1	b2	n1	n2	n3	n4		
100/160	125	100	3.7	-	112M	125	737	200	280	-	G1/4"	G3/8"	-	157	196	160	120	180	140	19	-	112	80	-	360	280	-	-	140	95
100/160	125	100	5.5	-	132S	125	694	200	280	-	G1/4"	G3/8"	-	157	196	160	120	180	140	19	-	132	80	-	360	280	-	-	140	115
100/160	125	100	-	22	180M	125	920	200	280	20	G1/4"	G3/8"	383	157	196	160	120	297	241	19	15	180	80	65	360	280	241	279	140	221
100/160	125	100	-	30	200L	125	1037	200	280	-	G1/4"	G3/8"	395	157	196	160	120	365	305	19	19	200	80	84	360	280	305	318	140	297
100/160	125	100	-	37	200L	125	1037	200	280	-	G1/4"	G3/8"	395	157	196	160	120	365	305	19	19	200	80	84	360	280	305	318	140	315
100/200	125	100	3.7	-	112M	125	748	200	280	-	G1/4"	G3/8"	-	174	208	160	120	180	140	19	-	112	80	-	360	280	-	-	140	108
100/200	125	100	5.5	-	132S	125	705	200	280	-	G1/4"	G3/8"	312	174	208	160	120	180	140	19	-	132	80	-	360	280	-	-	140	129
100/200	125	100	7.5	-	132M	125	743	200	280	-	G1/4"	G3/8"	-	174	208	160	120	218	140	19	-	132	80	-	360	280	-	-	140	137
100/200	125	100	-	30	200L	125	1047	200	280	-	G1/4"	G3/8"	405	174	208	160	120	365	305	19	19	200	80	84	360	280	305	318	140	311
100/200	125	100	-	37	200L	125	1047	200	280	-	G1/4"	G3/8"	405	174	208	160	120	365	305	19	19	200	80	84	360	280	305	318	140	329
100/200	125	100	-	45	225M	125	1095	200	280	-25	G1/4"	G3/8"	454	174	208	160	120	371	286	19	19	225	80	92	360	280	286	356	140	453
100/250	125	100	7.5	-	132M	140	758	225	280	-	G1/4"	G1/2"	312	192	220	160	120	218	140	19	-	132	80	-	400	315	-	-	140	152
100/250	125	100	9.3	-	160M	140	863	225	280	65	G1/4"	G1/2"	365	192	220	160	120	260	210	19	16	160	80	64	400	315	210	254	140	188
100/250	125	100	11	-	160M	140	863	225	280	65	G1/4"	G1/2"	365	192	220	160	120	260	210	19	16	160	80	64	400	315	210	254	140	194
100/250	125	100	15	-	160L	140	907	225	280	65	G1/4"	G1/2"	365	192	220	160	120	304	210	19	15	160	80	64	400	315	210	254	140	213
100/250	125	100	-	45	225M	140	1112	225	280	-	G1/4"	G1/2"	456	192	220	160	120	371	286	19	19	225	80	92	400	315	286	356	140	370
100/315	125	100	15	-	160L	140	912	250	315	90	G1/4"	G1/2"	370	223	261	160	120	304	210	19	15	160	80	64	400	315	210	254	140	232
100/315	125	100	18.5	-	180M	140	935	250	315	70	G1/4"	G1/2"	355	223	261	160	120	297	241	19	15	180	80	65	400	315	241	279	140	263
100/315	125	100	22	-	180L	140	985	250	315	70	G1/4"	G1/2"	383	223	261	160	120	335	241	19	15	180	80	65	400	315	241	279	140	280
100/315	125	100	30	-	200L	140	1055	250	315	50	G1/4"	G1/2"	398	223	261	160	120	365	305	19	19	200	80	84	400	315	305	318	140	360
100/400	125	100	30	-	200L	140	1089	280	355	80	G1/4"	G1/2"	432	266	283	200	150	365	305	24	19	200	100	84	500	400	305	318	140	400
100/400	125	100	37	-	225SX	140	1166	280	355	55	G1/4"	G1/2"	480	266	283	200	150	371	286	24	19	225	100	92	500	400	286	356	140	486
125/200	150	125	7.5	-	132M	140	722	250	315	-	G1/4"	G1/2"	-	194	240	160	120	218	140	19	-	132	80	-	400	315	-	-	140	149
125/200	150	125	9.3	-	160M	140	861	250	315	90	G1/4"	G1/2"	363	194	240	160	120	260	210	19	16	160	80	64	400	315	210	254	140	183
125/200	150	125	11	-	160M	140	861	250	315	90	G1/4"	G1/2"	363	194	240	160	120	260	210	19	16	160	80	64	400	315	210	254	140	189
125/250	150	125	9.3	-	160M	140	866	250	355	90	G1/4"	G1/2"	368	212	256	160	120	260	210	19	16	160	80	64	400	315	210	254	140	189
125/250	150	125	11	-	160M	140	866	250	355	90	G1/4"	G1/2"	368	212	256	160	120	260	210	19	16	160	80	64	400	315	210	254	140	195
125/250	150	125	15	-	160L	140	910	250	355	90	G1/4"	G1/2"	368	212	256	160	120	304	210	19	15	160	80	64	400	315	210	254	140	213
125/250	150	125	18.5	-	180M	140	933	250	355	70	G1/4"	G1/2"	381	212	256	160	120	297	241	19	15	180	80	65	400	315	241	279	140	250
125/315	150	125	30	-	200L	140	1074	280	355	80	G1/4"	G1/2"	417	232	265	200	150	365	305	24	19	200	100	84	500	400	305	318	140	377
125/315	150	125	37	-	225SX	140	1159	280	355	55	G1/4"	G1/2"	473	232	265	200	150	371	286	24	19	225	100	92	500	400	286	356	140	464
125/400	150	125	30	-	200L	140	1093	315	400	115	G1/4"	G1/2"	436	270	303	200	150	365	305	24	19	200	100	84	500	400	305	318	140	414
125/400	150	125	37	-	225SX	140	1166	315	400	90	G1/4"	G1/2"	480	270	303	200	150	371	286	24	19	225	100	92	500	400	286	356	140	500
125/400	150	125	45	-	225MX	140	1166	315	400	90	G1/4"	G1/2"	480	270	303	200	150	371	286	24	19	225	100	92	500	400	286	356	140	530
150/200	200	150	9.3	-	160M	160	883	280	400	120	G1/4"	G1/2"	365	202	280	200	150	260	210	24	16	160	100	64	550	450	210	254	140	203
150/200	200	150	15	-	160L	160	927	280	400	120	G1/4"	G1/2"	365	202	280	200	150	304	210	24	15	160	100	64	550	450	210	254	140	226
150/250	200	150	18.5	-	180M	160	964	280	400	100	G1/4"	G1/2"	392	233	289	200	150	297	241	24	15	180	100	65	500	400	241	279	140	269
150/250	200	150	22	-	180L	160	1014	280	400	100	G1/4"	G1/2"	392	233	289	200	150	335	241	24	15	180	100	65	500	400	241	279	140	286
150/250	200	150	30	-	200L	160	1084	280	400	80	G1/4"	G1/2"	407	233	289	200	150	365	305	24	19	200	100	84	500	400	305	318	140	364
150/315	200	150	30	-	200L	160	1094	280	400	80	G1/4"	G1/2"	417	247	292	200	150	365	305	24	19	200	100	84	550	450	305	318	140	385
150/315	200	150	37	-	225SX	160	1179	280	400	55	G1/4"	G1/2"	473	247	292	200	150	371	286	24	19	225	100	92	550	450	286	356	140	473
150/315	200	150	45	-	225MX	160	1179	280	400	55	G1/4"	G1/2"	473	247	292	200	150	371	286	24	19	225	100	92	550	450	286	356	140	506
150/400	200	150	45	-	225MX	160	1190	315	450	90	G1/4"	G1/2"	484	291	331	200	150	371	286	24	19	225	100	92	550	450	286	356	140	568

THE POWER BEHIND THE FORCE

Naargo Industries Private Limited, one of the leading manufacturers of latest state of art, large range of pumps and motors, is managed by veterans who are in the pump industry for almost half a century. The products are employed in various applications like irrigation, domestic, civil construction, de-watering etc; The Company has a strong distribution network in India for sales & service and a strong global presence.

Quality is the key factor in Naargo's products. The expansive infrastructure and environment accredited with ISO 9001 quality certification, latest engineering softwares, high-tech machinery, futuristic pumping technology and high caliber workforce facilitate the production of flawless and efficient products on par with international standards under the brand name of "Tormac". The well equipped R & D wing stays alive to the changing global trends and comes out with viable solutions for innovative product development and upgradation.

The Products currently available include Stainless Steel Submersible Pumps (SS 304, SS 316 & SS 904L), Submersible Motors (CI, SS 304, SS 316 & SS 904L - HT on optional), Starters & Control Panels, Centrifugal Monoblock Pumps, End Suction Pumps, Close Coupled Pumps, Horizontal Split Case Pumps, Horizontal & Vertical Multistage Pumps, Inline Booster Systems, Sewage, Drainage & Dewatering Pumps, Induction Motors, Submersible Cables, Riser Pipes and Column Pipes.

The power, performance and endurance of the products backed by the uncompromising teamwork and value systems will certainly propel the company's growth towards new horizons in the pump industry.

IB-SPC-C/26-E3

Naargo Industries Private Limited,

REG. OFFICE : No. 8/116, Ground Floor, Athipalayam Road, Chinnavedampatti, Coimbatore North - 641049, Tamil Nadu, India. Tel : +91 978 6522622,
E-mail : tormac@tormacpumps.com, Web : www.tormacpumps.com

Tormac PUMPS