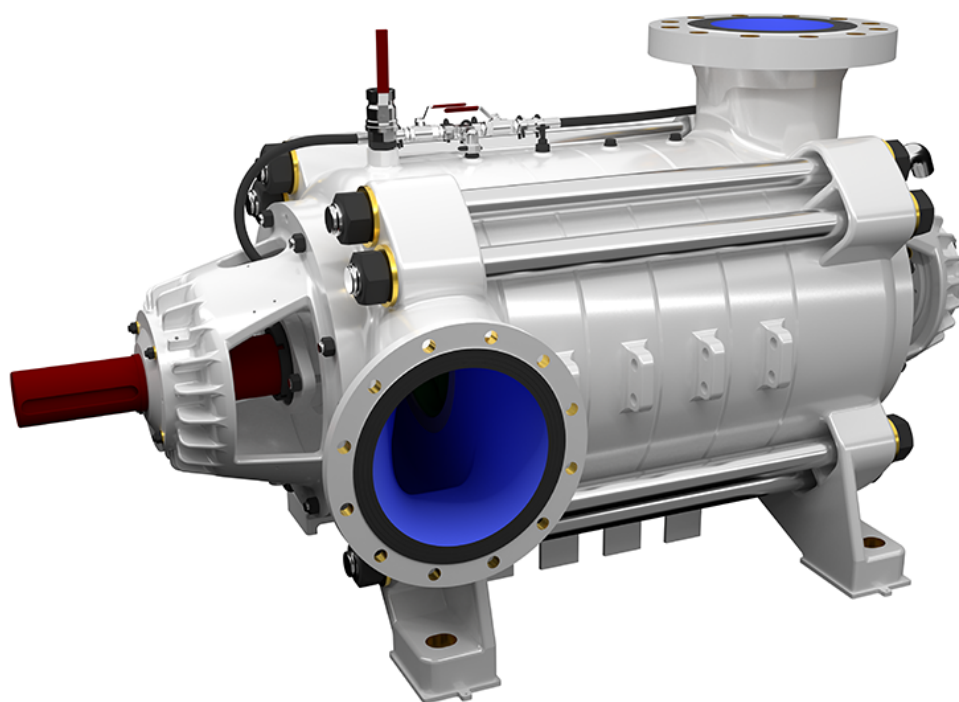


# WPWE-250\_26

Previous- WPWE-200



## MATERIAŁY DO POBRANIA



Katalog



2D



3D

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ZAPISZ DO PDF / DRUKUJ STRONĘ

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**DATA PUBLIKACJI - 2017-11-07**

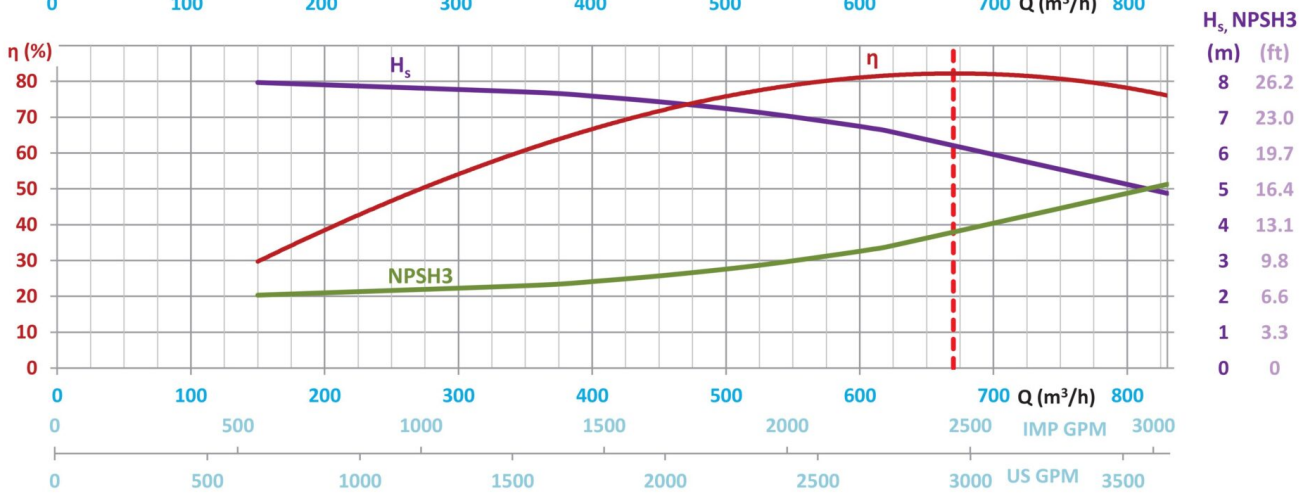
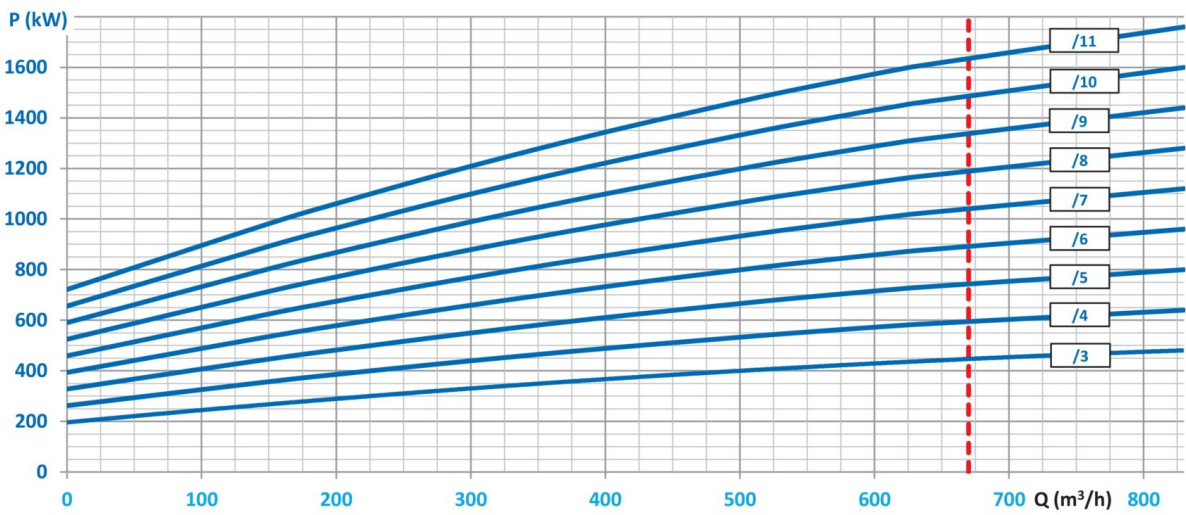
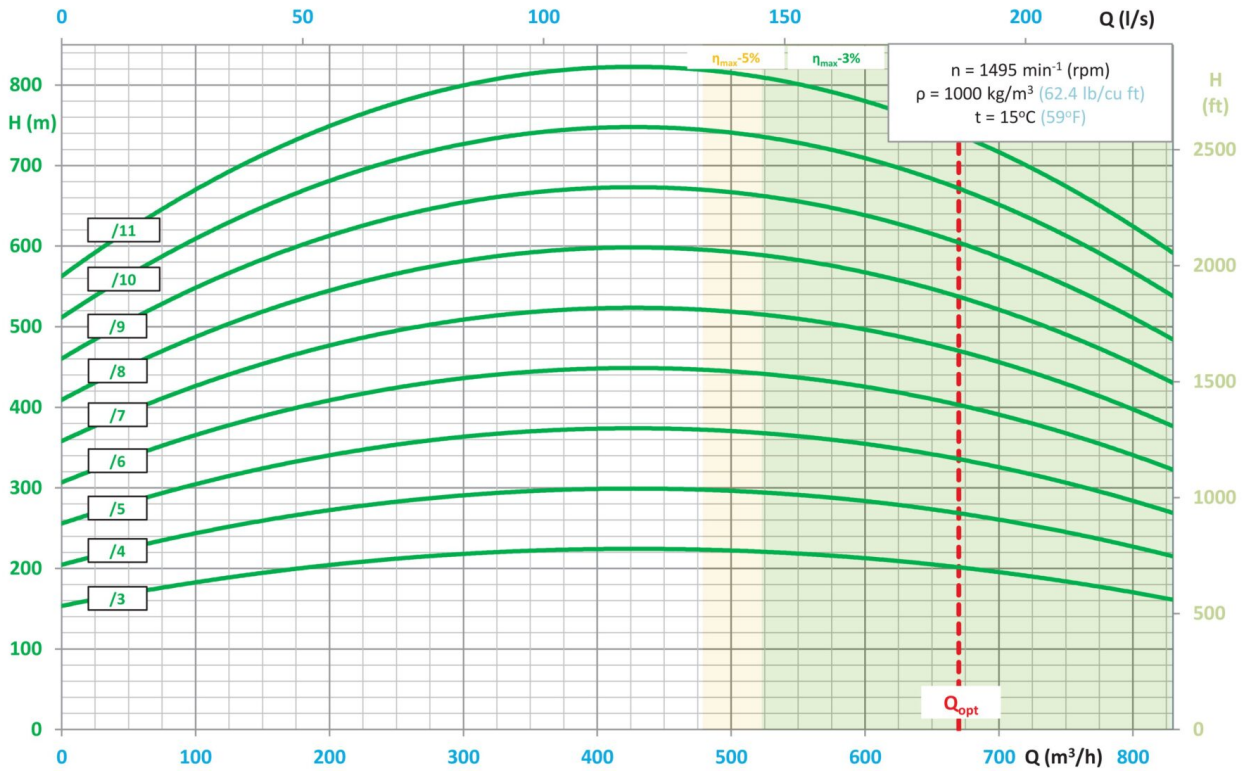
# TYPICAL APPLICATIONS

- mining - main and auxiliary dewatering,
  - industrial systems,
  - technological processes,
  - pressure boosting,
  - pumping of pure or mechanically contaminated water with solids with the grain size of up to 2 mm,
  - coal, copper, salt mines and others.
- 

# KEY ADVANTAGES

- new improved design with increased efficiency
  - long life ensured by the use of state-of-the-art corrosion and erosion resistant materials (saltresistant workmanship),
  - special material execution DUPLEX especially resistant to difficult conditions,
  - possibility to use an electronic system of the balance disk wear monitoring,
  - approved for operation in explosion-hazard zones - ATEX Ex I M2.
- 

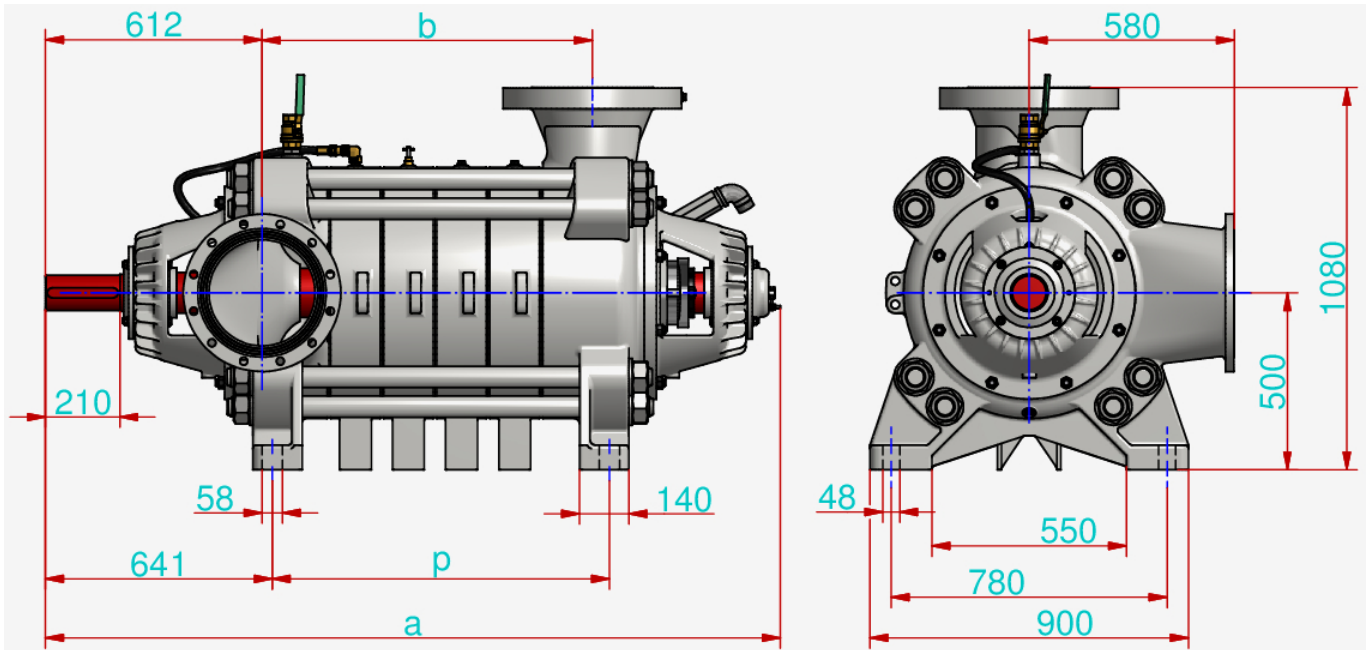
# PUMP PERFORMANCE CURVE



- $H = f(Q)$  - lift head acc. to rate flow,
- $P = f(Q)$  - power input acc. to rate flow,

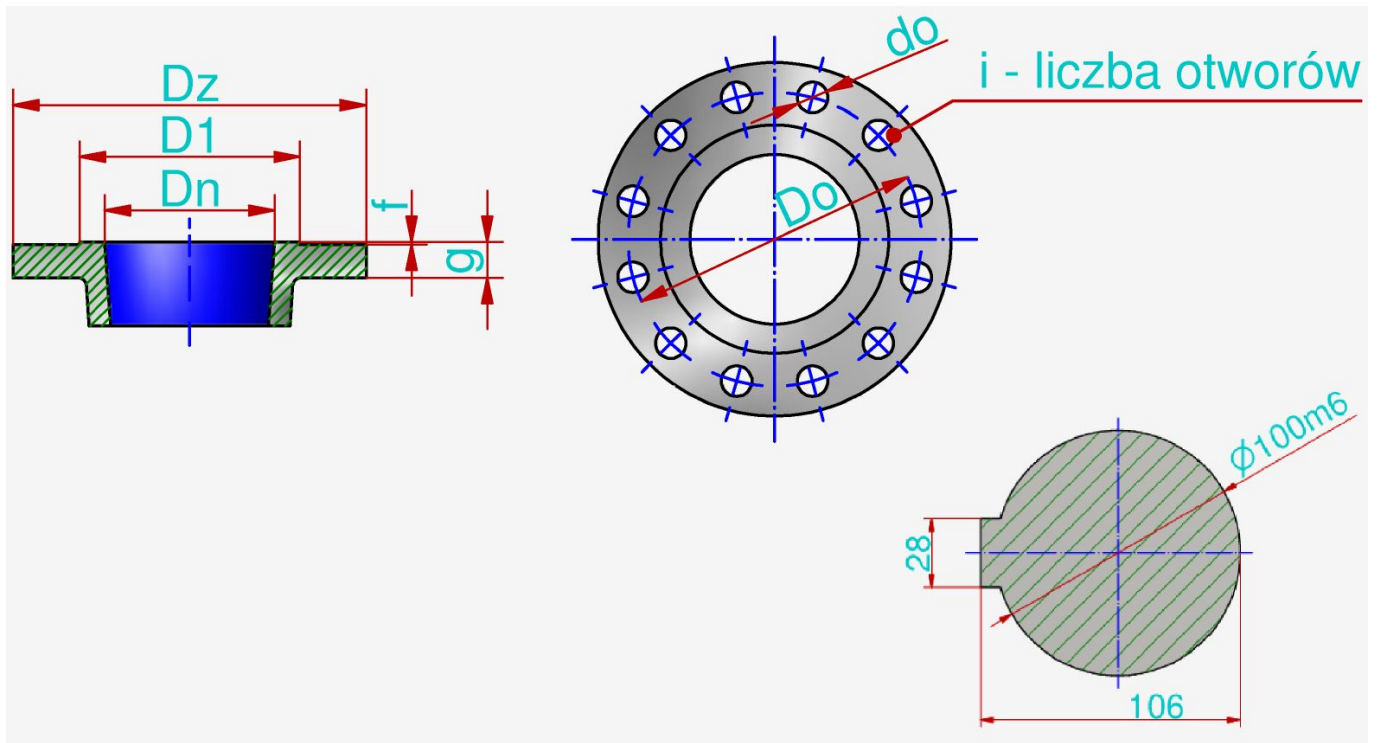
- $\eta = f(Q)$  - efficiency acc. to rate of flow,
- $H_s = f(Q)$  - allowable suction head acc. to rate of flow,
- $NPSH3 = f(Q)$  - net positive suction head and rate of flow.

## MAIN DIMENSIONS OF PUMP



|          | Liczba stopni |      |      |      |      |      |      |      |      |    |
|----------|---------------|------|------|------|------|------|------|------|------|----|
|          | 3             | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   |    |
| <b>a</b> | 1770          | 1920 | 2070 | 2220 | 2370 | 2520 | 2670 | 2820 | 2970 | mm |
| <b>b</b> | 634           | 784  | 934  | 1084 | 1234 | 1384 | 1534 | 1684 | 1834 | mm |
| <b>p</b> | 653           | 803  | 953  | 1103 | 1253 | 1403 | 1553 | 1703 | 1853 | mm |
| <b>m</b> | 2150          | 2410 | 2665 | 2920 | 3180 | 3435 | 3690 | 3950 | 4210 | kg |

## CONNECTION SIZES OF PUMP



|  | $D_n$ | $P_n$ | $D_z$ | $d_0$ | $g$ | $f$ | $D_0$ | $D_1$ | $i$ |
|--|-------|-------|-------|-------|-----|-----|-------|-------|-----|
| Króciec ssawny                         | 300   | 10    | 445   | 22    | 24  | 3   | 400   | 370   | 12  |
| Króciec tłoczny<br>PN100 (9-11 stopni) | 250   | 100   | 505   | 39    | 60  | 3   | 430   | 345   | 12  |
| Króciec tłoczny<br>PN63 (6-8 stopni)   | 250   | 63    | 470   | 36    | 46  | 4   | 400   | 345   | 12  |
| Króciec tłoczny<br>PN40 (3-5 stopni)   | 250   | 40    | 450   | 33    | 42  | 4   | 385   | 345   | 12  |
|  | mm    | bar   | mm    | mm    | mm  | mm  | mm    | mm    | szt |

The flanges are normally made in accordance with the standard PN-EN 1092-1.

**It is possible to produce pumps with parameters different than those presented in the tables and on the graphs per agreement with the manufacturer.**