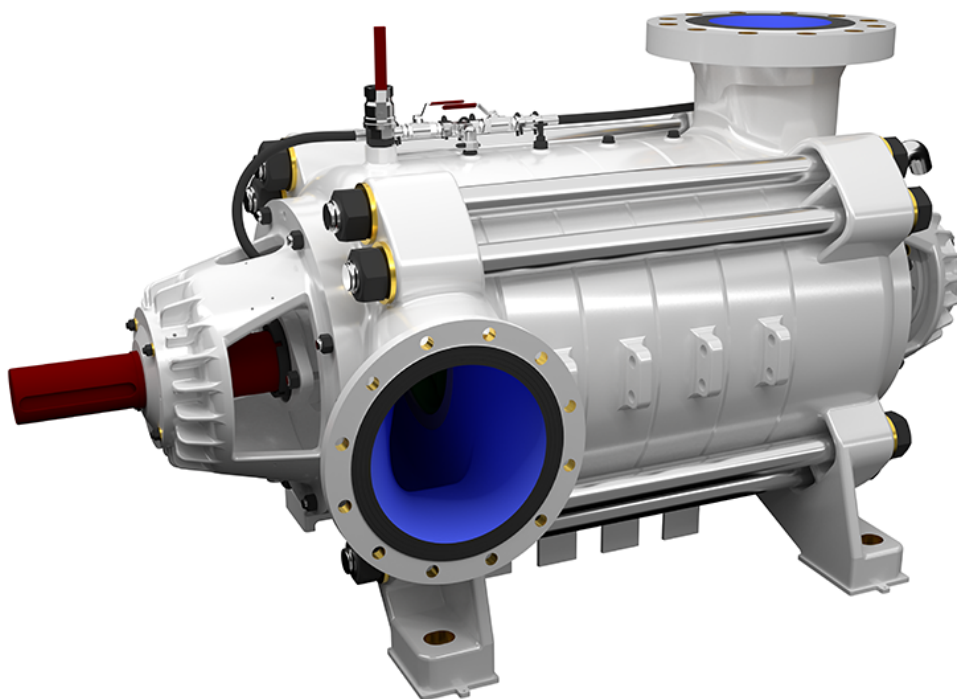


WPWE-250_20

Previous - WPWE-200



MATERIAŁY DO POBRANIA



Katalog



2D



3D

ZAPISZ DO PDF / DRUKUJ STRONĘ

DATA PUBLIKACJI - 2017-11-07

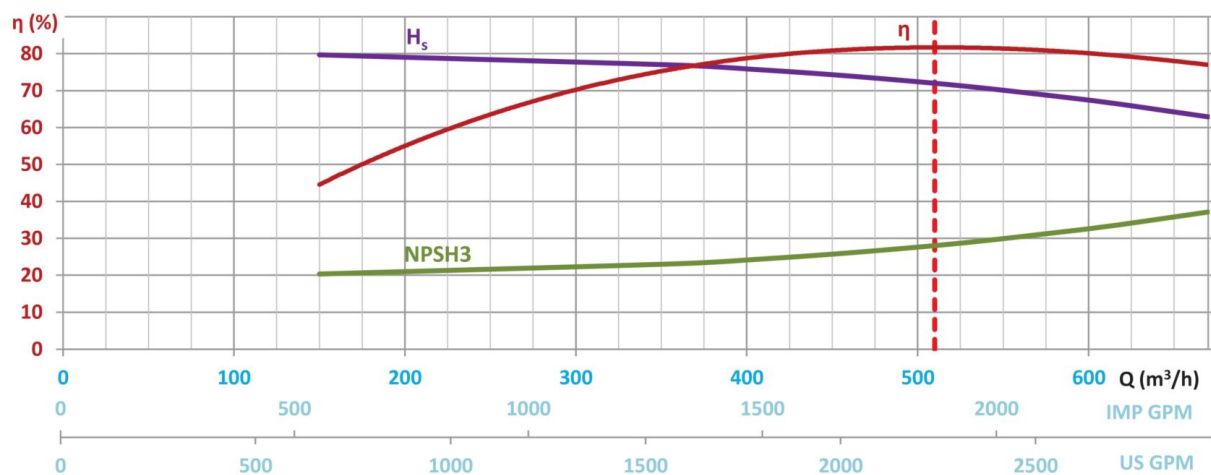
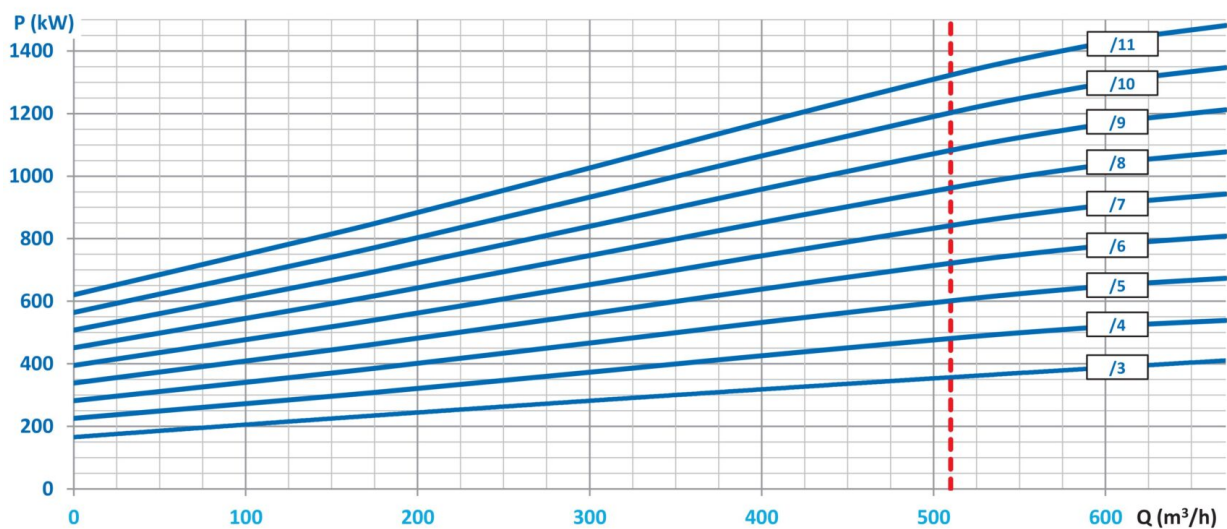
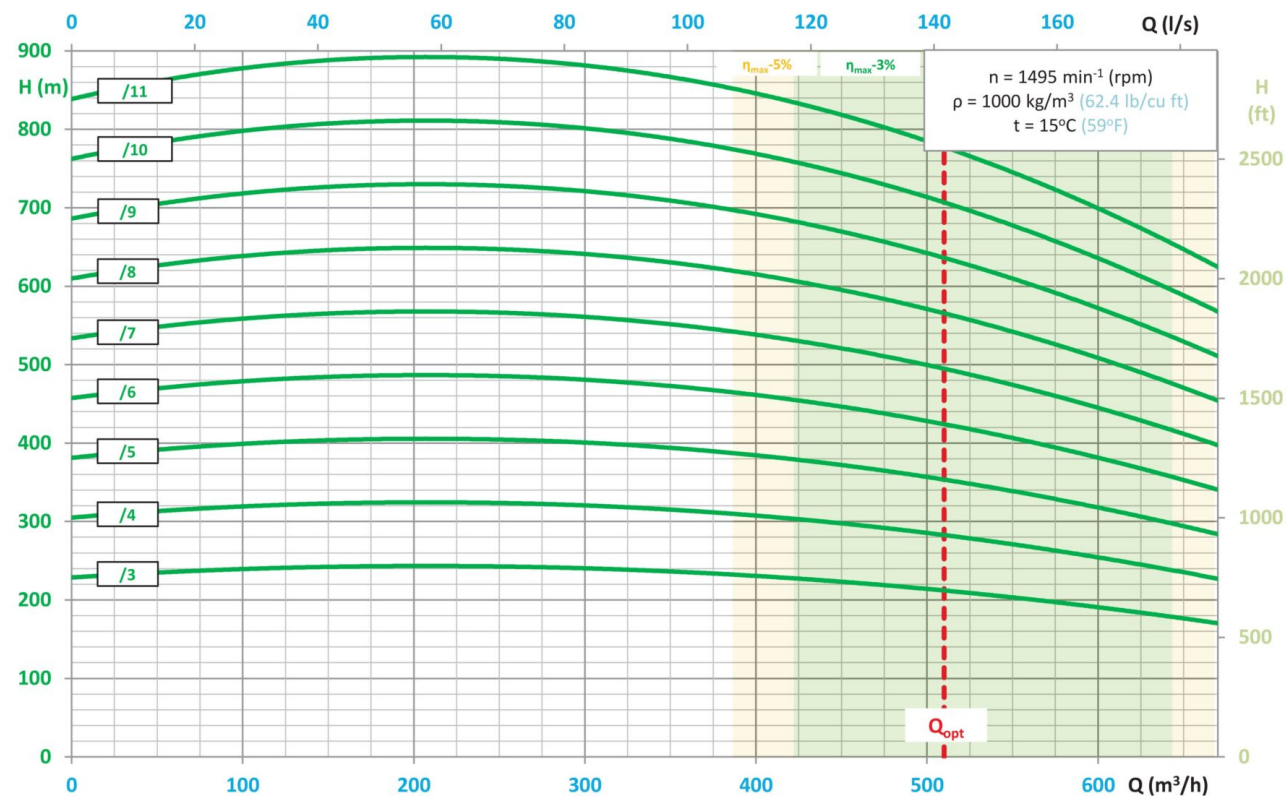
TYPICAL APPLICATIONS

- 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.
-

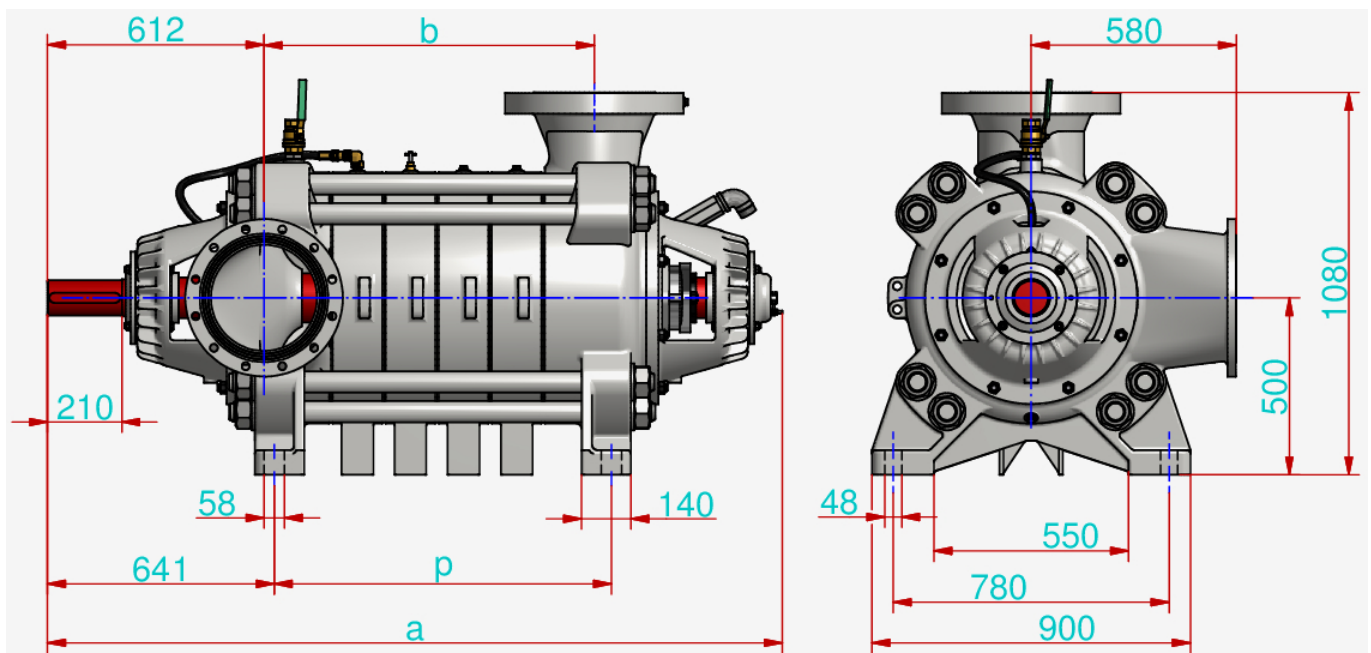
PUMP PERFORMANCE CURVE



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

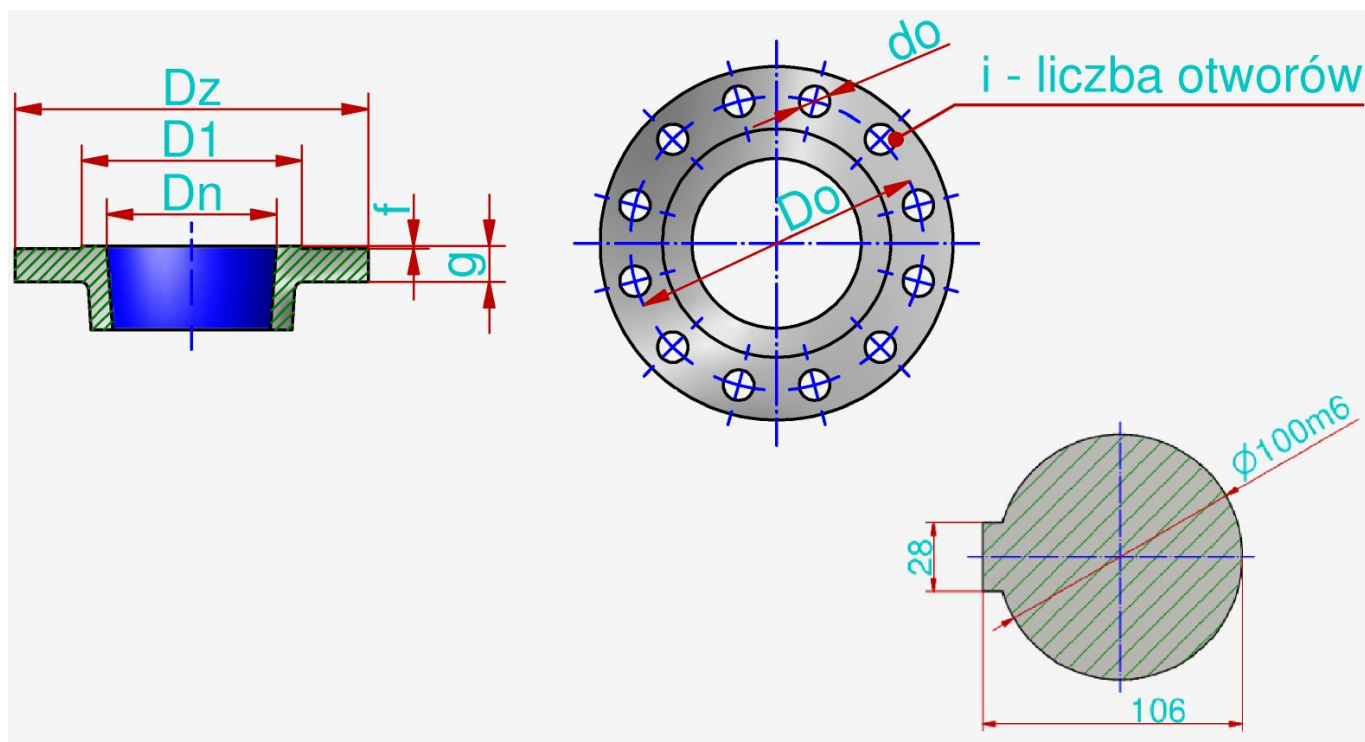
- $P = f(Q)$ - power input acc. to rate flow,
- $\eta = f(Q)$ - efficiency acc. to rate of flow,
- $H_s = f(Q)$ - allowable suction head acc. to rate of flow,
- $NPSH3 = f(Q)$ - net positive suction head and rate of flow.

MAIN DIMENSIONS OF PUMP



| | Liczba stopni | | | | | | | | | |
|----------|---------------|------|------|------|------|------|------|------|------|----|
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| a | 1770 | 1920 | 2070 | 2220 | 2370 | 2520 | 2670 | 2820 | 2970 | mm |
| b | 634 | 784 | 934 | 1084 | 1234 | 1384 | 1534 | 1684 | 1834 | mm |
| p | 653 | 803 | 953 | 1103 | 1253 | 1403 | 1553 | 1703 | 1853 | mm |
| m | 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 PN100 (9-11 stopni) | 250 | 100 | 505 | 39 | 60 | 3 | 430 | 345 | 12 |
| Króciec tłoczny PN63 (6-8 stopni) | 250 | 63 | 470 | 36 | 46 | 4 | 400 | 345 | 12 |
| Króciec tłoczny 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.