

# WPWH-200

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## TYPICAL APPLICATIONS

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

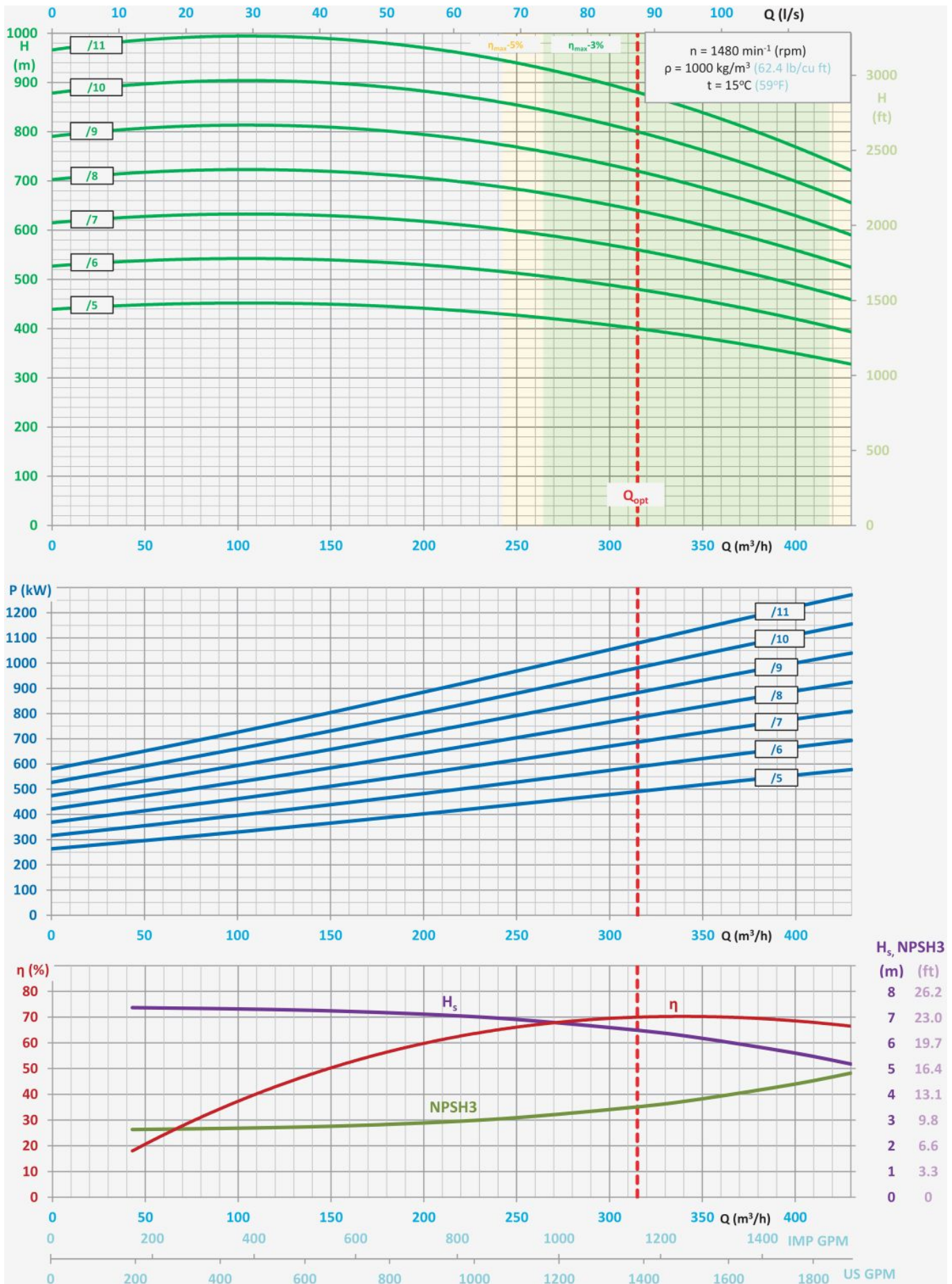
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## KEY ADVANTAGES

- long life ensured by the use of state-of-the-art corrosion- and erosion resistant materials,

- special material execution DUPLEX especially resistant to difficult conditions,
  - possibility to use an electronic system of the balance disk wear monitoring,
  - connection dimensions in compliance with multi-stage drainage pumps,
  - approved for operation in explosion-hazard zones - ATEX Ex I M2.
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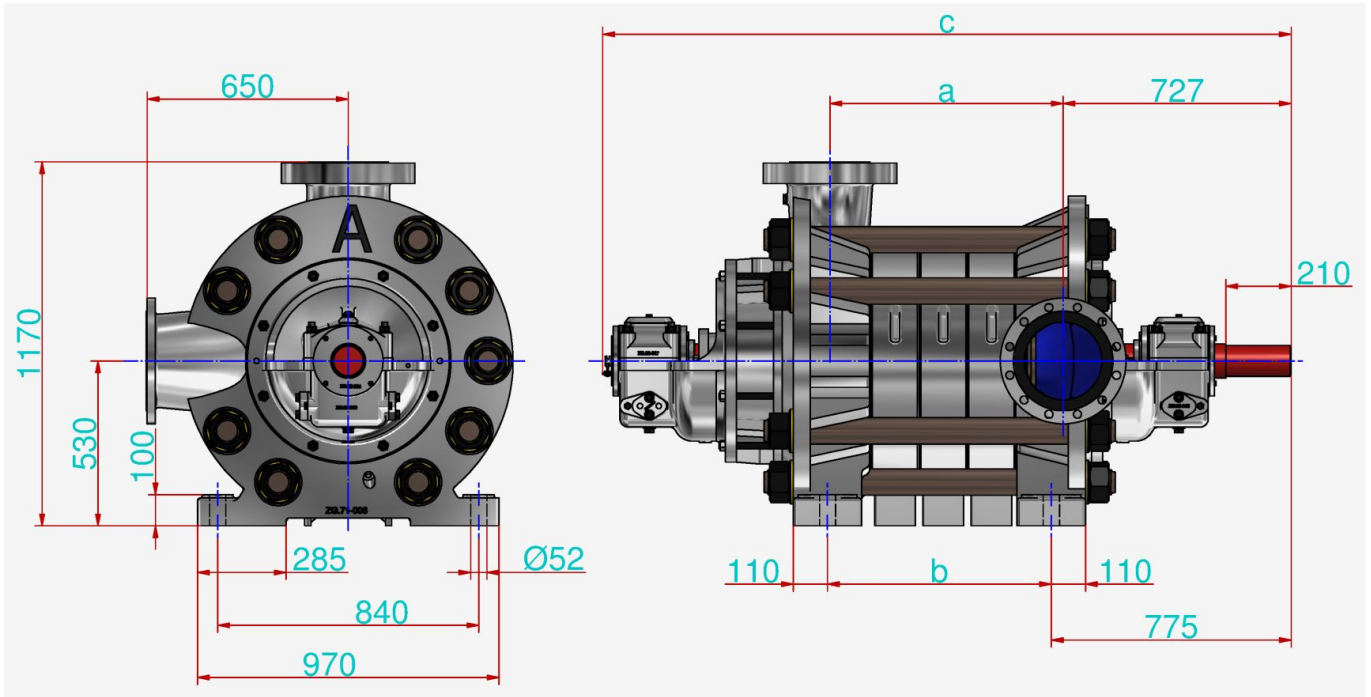
## **PUMP PERFORMANCE CURVE**



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

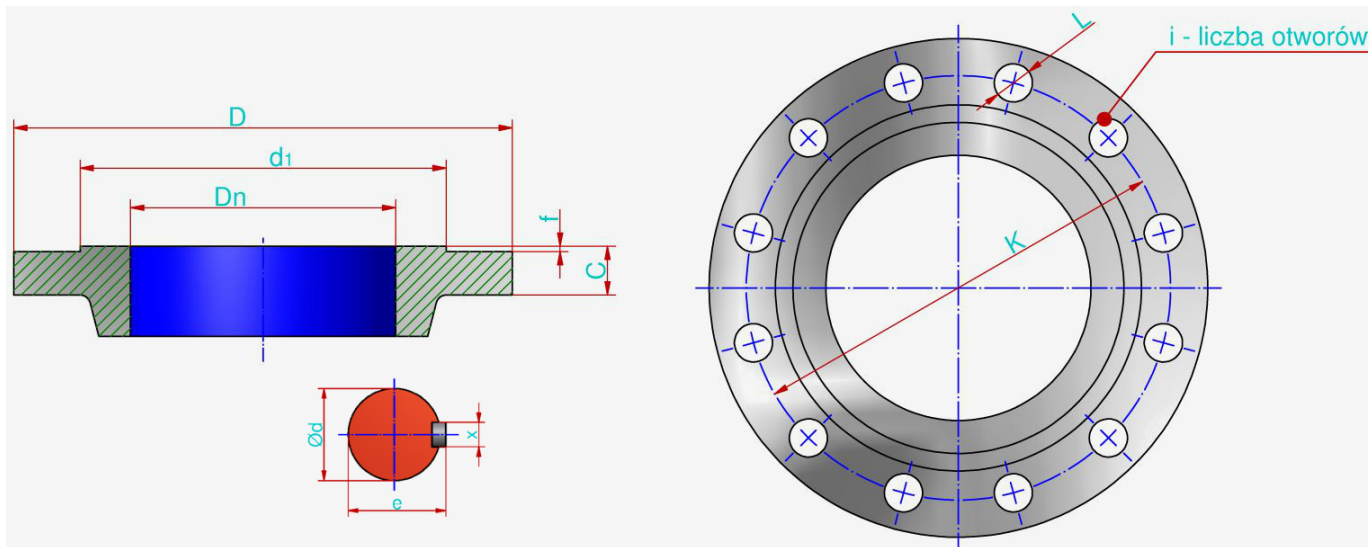
- $P = f(Q)$  - power input acc. to rate flow,
- $\eta = f(Q)$  - efficiency acc. to rate of flow,
- $H_s = f(Q)$  - allowable suction head acc. to rate of flow,
- $NPSH3 = f(Q)$  - net positive suction head and rate of flow.

## MAIN DIMENSIONS OF PUMP



	Number of stages							
	5	6	7	8	9	10	11	
<b>a</b>	905	1060	1215	1370	1525	1680	1835	mm
<b>b</b>	855	1010	1165	1320	1475	1630	1785	mm
<b>c</b>	2368	2523	2678	2833	2988	3143	3298	mm

## CONNECTION SIZES OF PUMP



	$P_n$	$D_n$	$D$	$K$	$L$	$i$	$C$	$f$	$d_1$	$d$	$e$	$x$
<b>Suction connector</b>	16	250	405	355	26	12	26	3	320	-	-	-
<b>Discharge connector</b>	63	200	415	345	36	12	42	2	285	-	-	-
	100	200	430	360	36	12	52	2	285	-	-	-
<b>Shaft / coupling</b>	-	-	-	-	-	-	-	-	-	100	106	28
	bar	mm	mm	mm	mm	-	mm	mm	mm	mm	mm	mm

The flanges are normally made in accordance with the standard PN-EN 1092-1 or PN-EN 1092-2.

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