

# WPW-250

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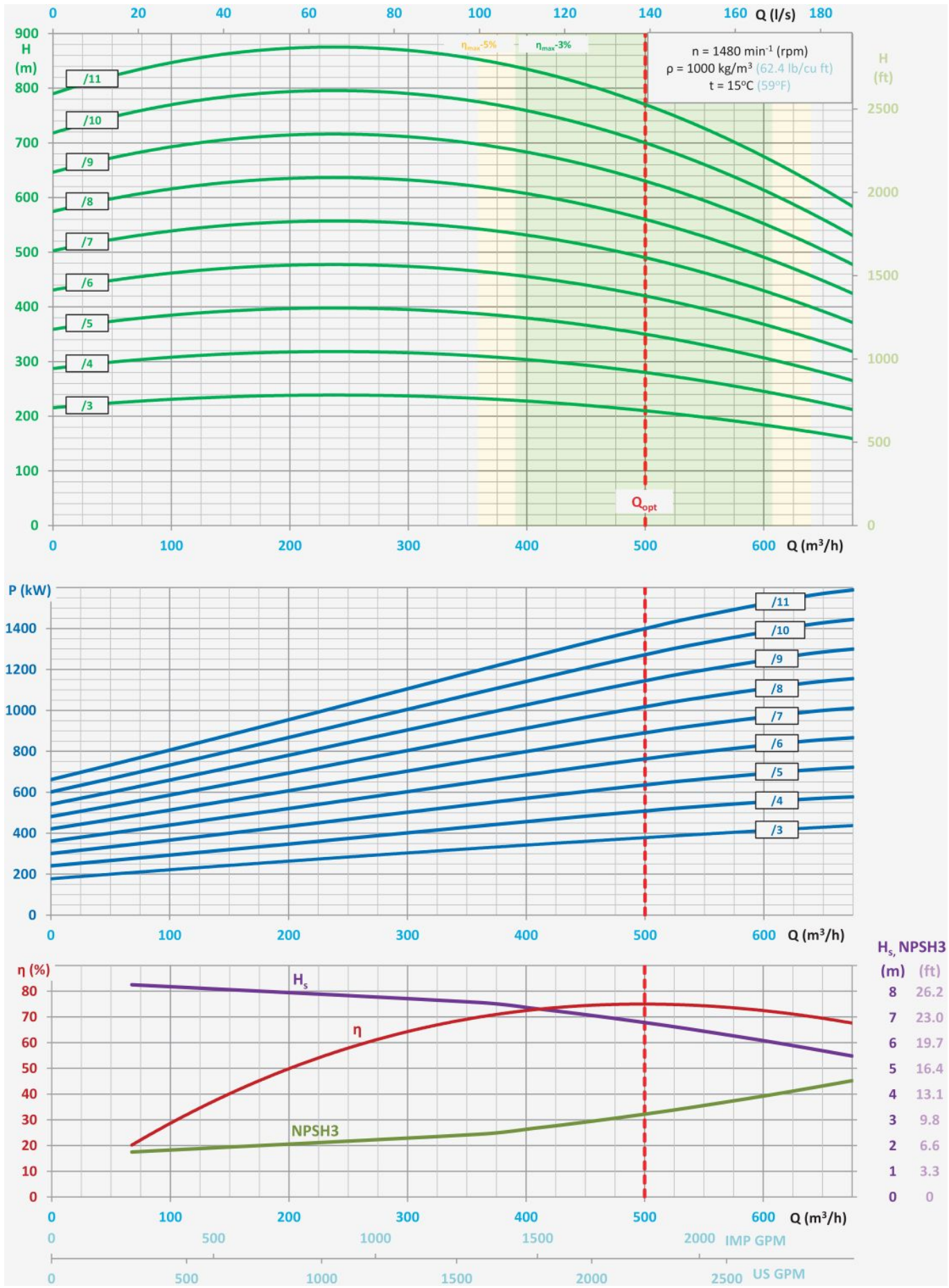
## TYPICAL APPLICATIONS

- 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,
  - coal, copper, salt mines and others.
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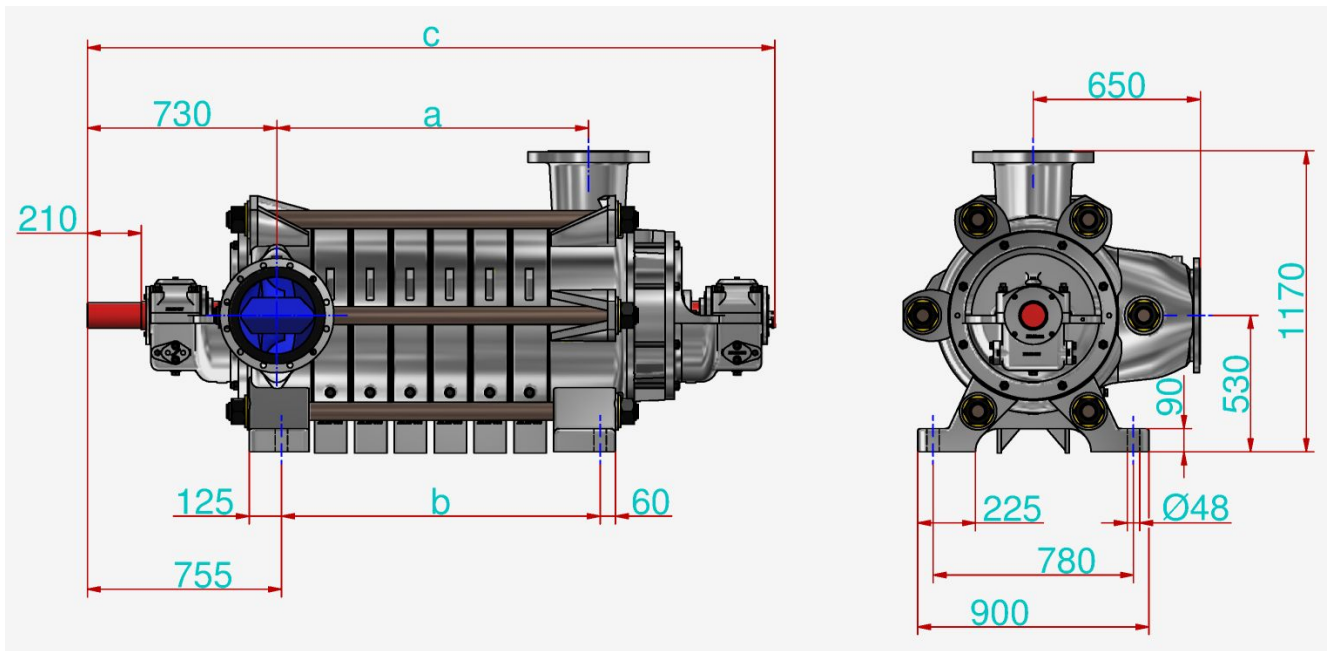
## PUMP PERFORMANCE CURVE



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

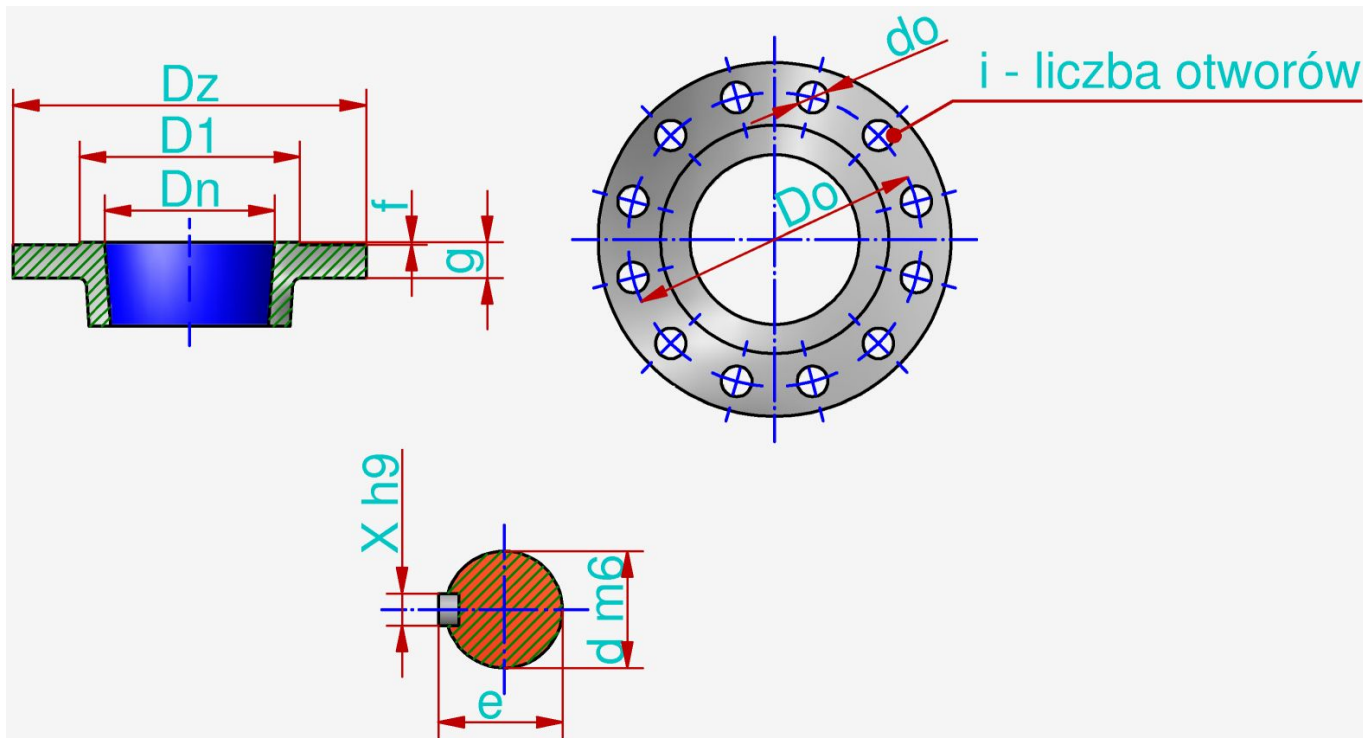
- $P = f(Q)$  - power input acc. to rate of flow,
- $\eta = f(Q)$  - efficiency acc. to rate of flow,
- $H_s = f(Q)$  - allowable suction head acc. to rate of flow,
- $NPSH_3 = f(Q)$  - net positive suction head and rate of flow.

## MAIN DIMENSIONS OF PUMP



	Number of stages									
	3	4	5	6	7	8	9	10	11	
<b>a</b>	593	748	903	1058	1213	1368	1523	1678	1833	mm
<b>b</b>	620	775	930	1085	1240	1395	1550	1705	1860	mm
<b>c</b>	2065	2220	2375	2530	2685	2840	2995	3150	3305	mm

## CONNECTION SIZES OF PUMP



	$D_n$	Number of stages	$P_n$	$D_z$	$d_o$	$g$	$F$	$D_o$	$D_1$	$i$	$d$	$e$	$x$
Suction connector	300	-	10	445	22	26	4	400	370	12	-	-	-
Discharge connector	250	3÷5	40	450	33	38	3	385	345	12	-	-	-
		6÷8	63	470	36	46	4	400	312				
		9÷11	100	505	39	60	4	430	312				
Shaft / coupling	-	-	-	-	-	-	-	-	-	-	100	106	28
	mm	-	bar	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.**