

WPW-150



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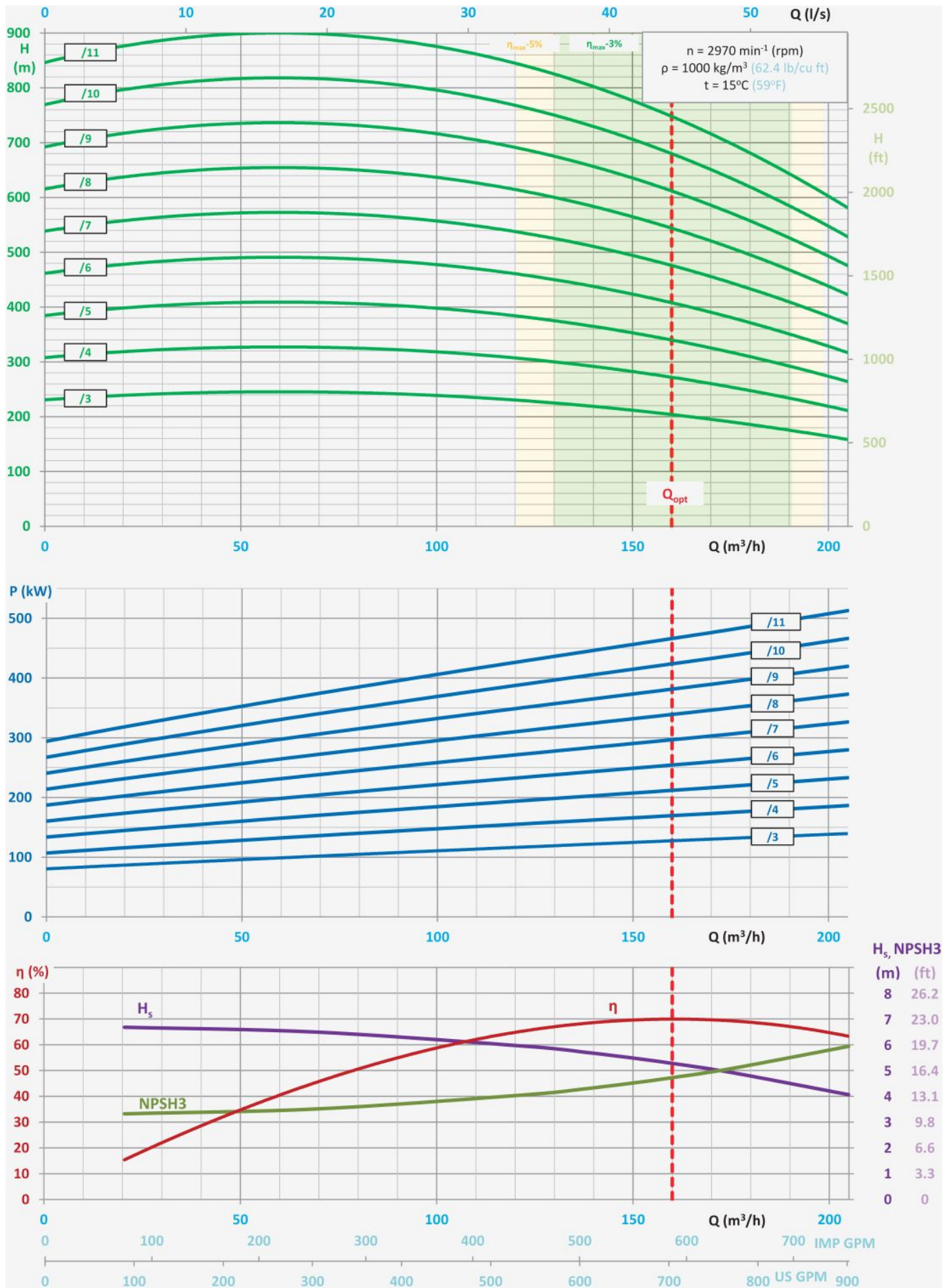
TYPICAL APPLICATIONS

- 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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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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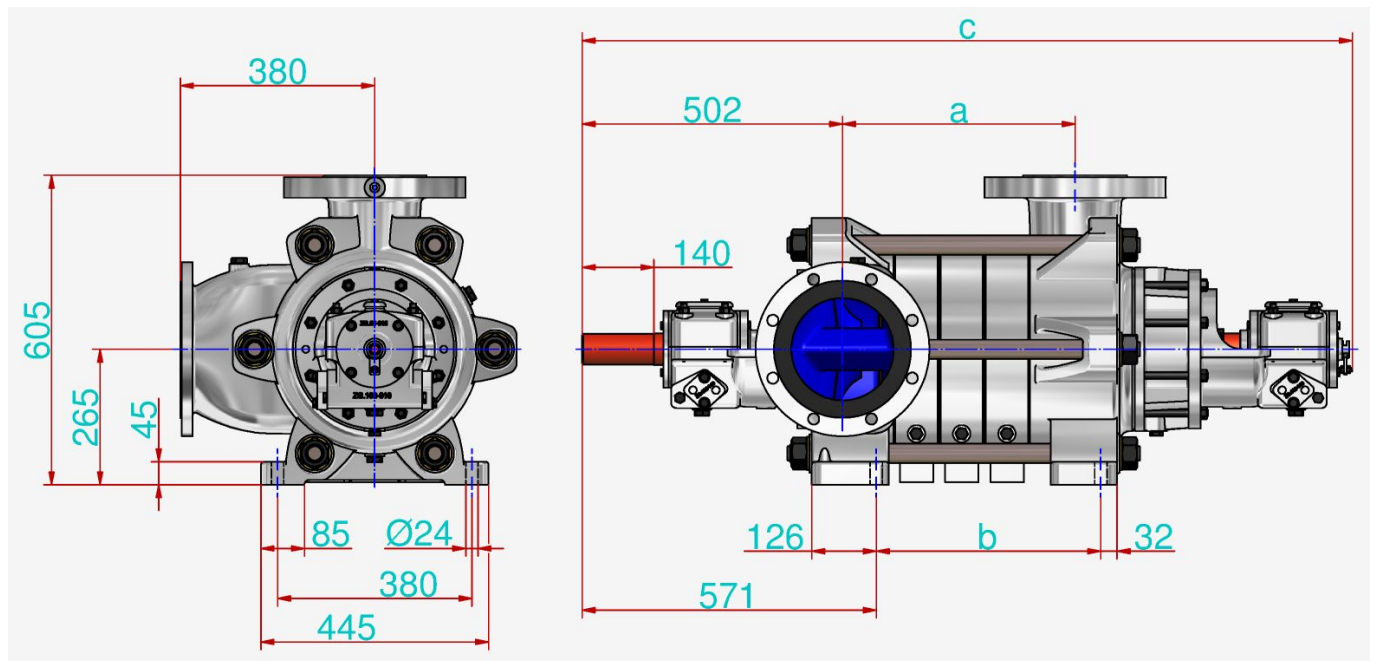
PUMP PERFORMANCE CURVE



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

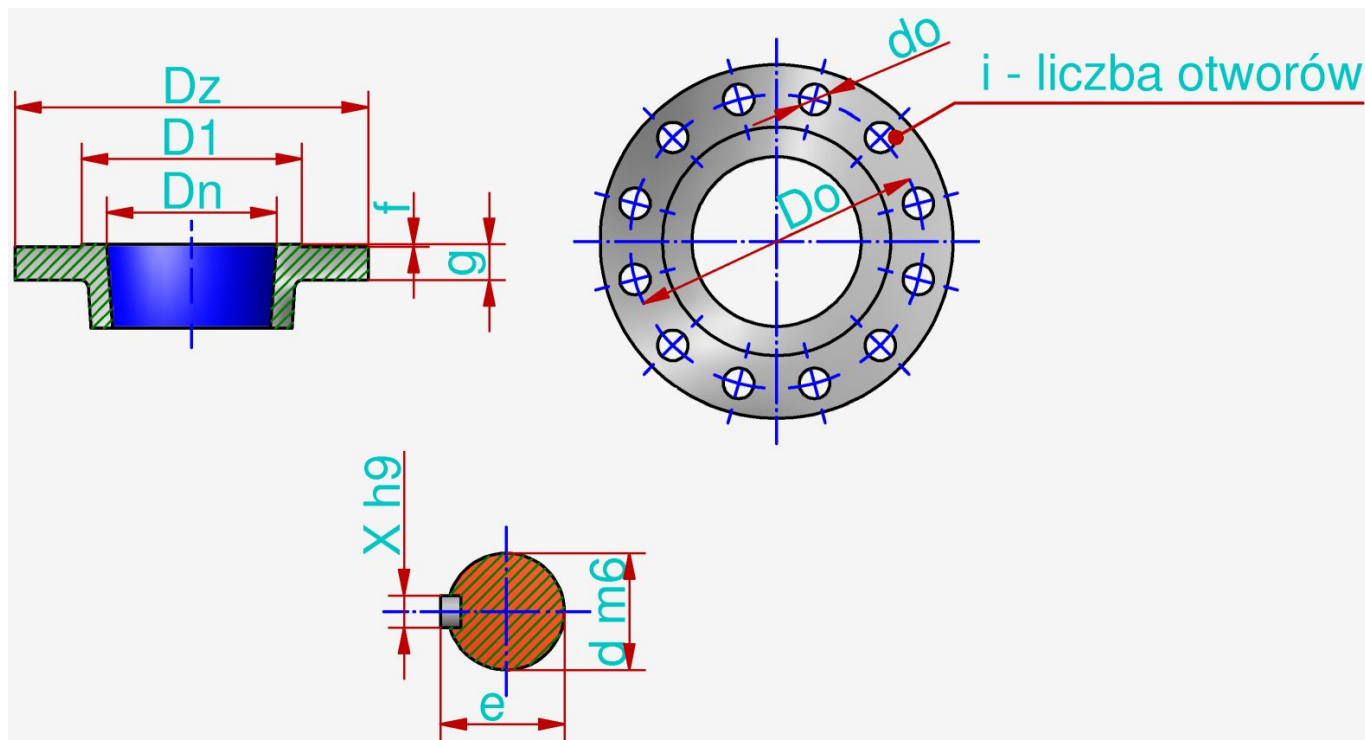
- $P = f(Q)$ - power input acc. to rate flow,
- $\eta = f(Q)$ - efficiency acc. to rate of flow,
- $H_s = f(Q)$ - allowable suction head acc. to rate of flow,
- $NPSH_3 = f(Q)$ - net positive suction head and rate of flow.

MAIN DIMENSIONS OF PUMP



	Number of stages									
	3	4	5	6	7	8	9	10	11	
a	375	464	553	642	731	820	909	998	1087	mm
b	346	435	524	613	702	791	880	969	1058	mm
c	1424	1513	1602	1691	1780	1869	1958	2047	2136	mm

CONNECTION SIZES OF PUMP



	D_n	Number of stages	P_n	D_z	d_o	g	f	D_0	D_1	i	d	e	x
Suction connector	200	-	10	340	22	24	3	295	268	8	-	-	-
Discharge connector	150	3÷5	40	300	26	44	3	250	218	8	-	-	-
		6÷8	63	345	33	44	4	280	203	8	-	-	-
		9÷11	100	355	33	44	4	290	203	12	-	-	-
Shaft / coupling	-	-	-	-	-	-	-	-	-	-	60	64	18
	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.