

MATERIAŁY DO POBRANIA



Katalog



2D



3D

ZAPISZ DO PDF / DRUKUJ STRONĘ

DATA PUBLIKACJI - 2017-11-07

TYPICAL APPLICATIONS

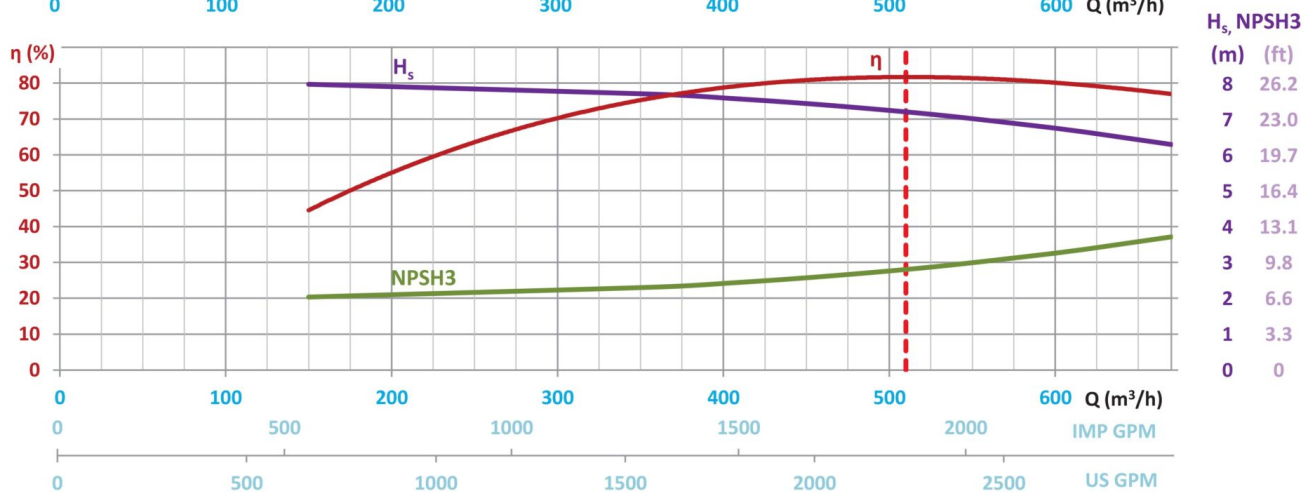
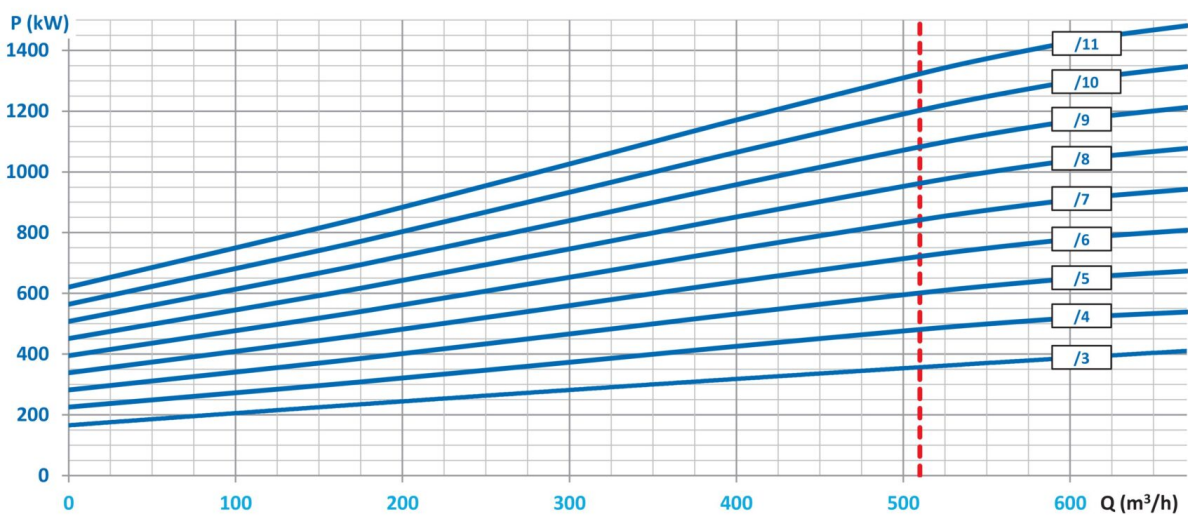
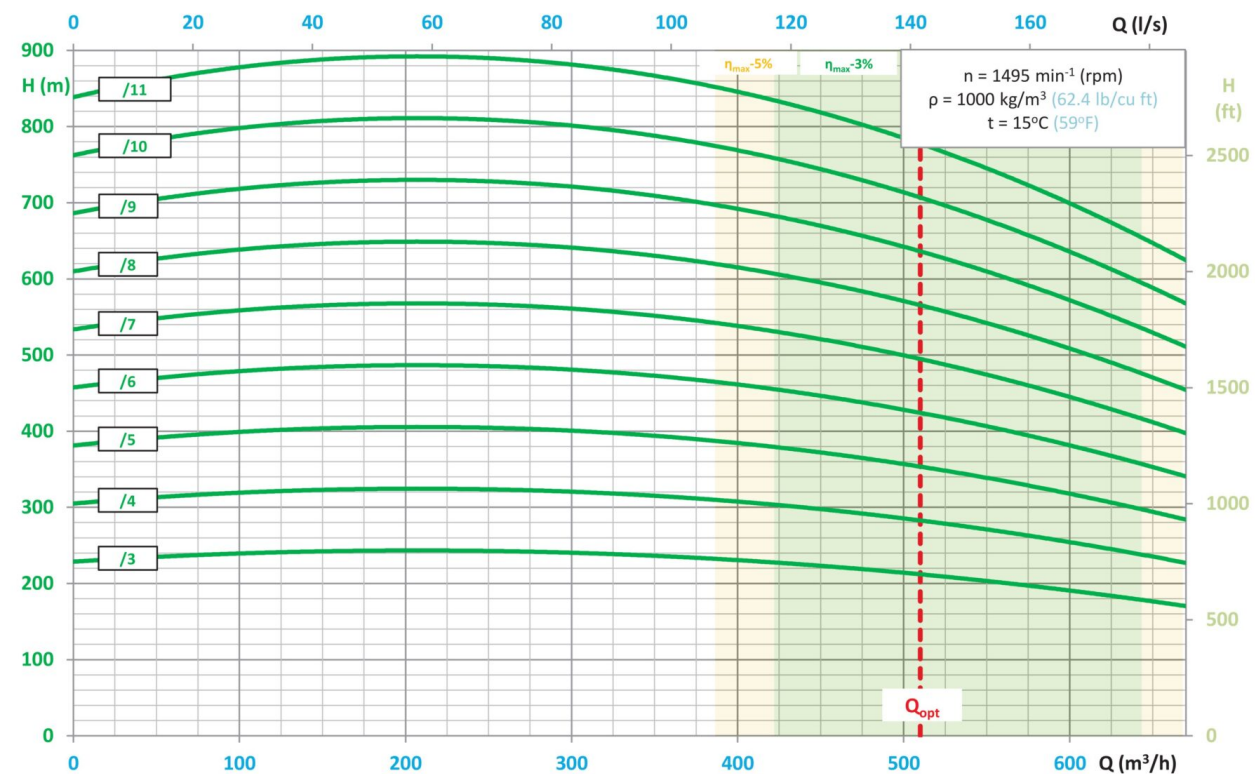
- mining – main and auxiliary dewatering,
 - industrial systems,
 - technological processes,
 - pressure boosting,
 - pumping of pure or mechanically contaminated water with solids with the grain size of up to 2 mm,
 - coal, copper, salt mines and others.
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KEY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

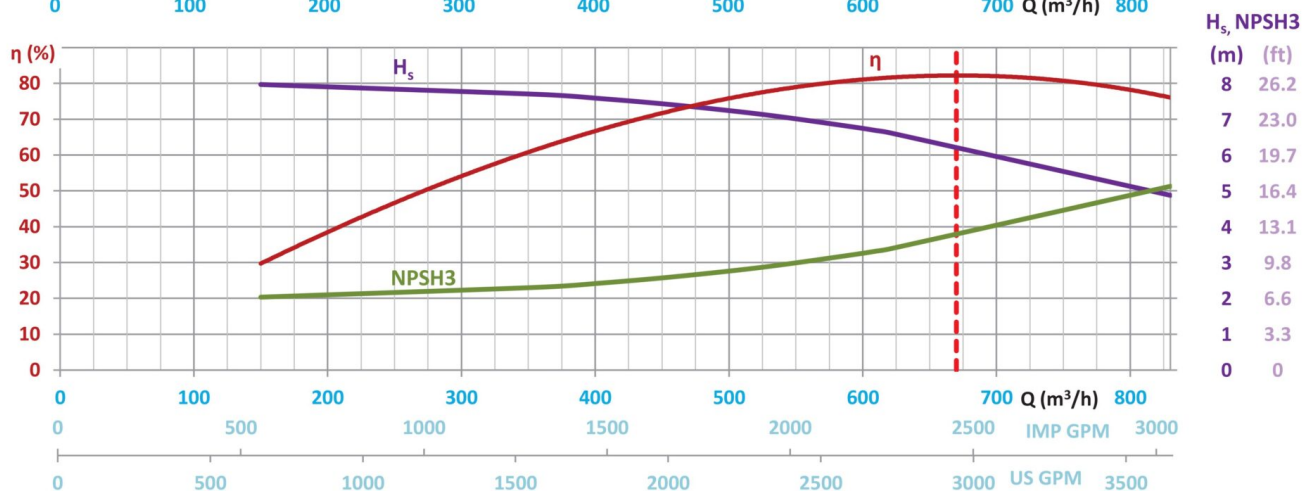
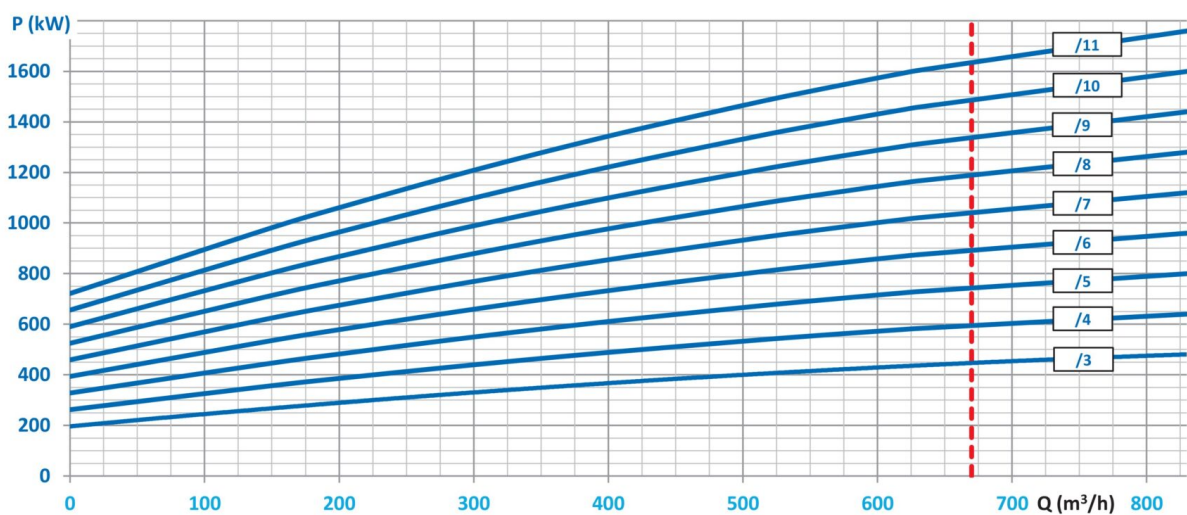
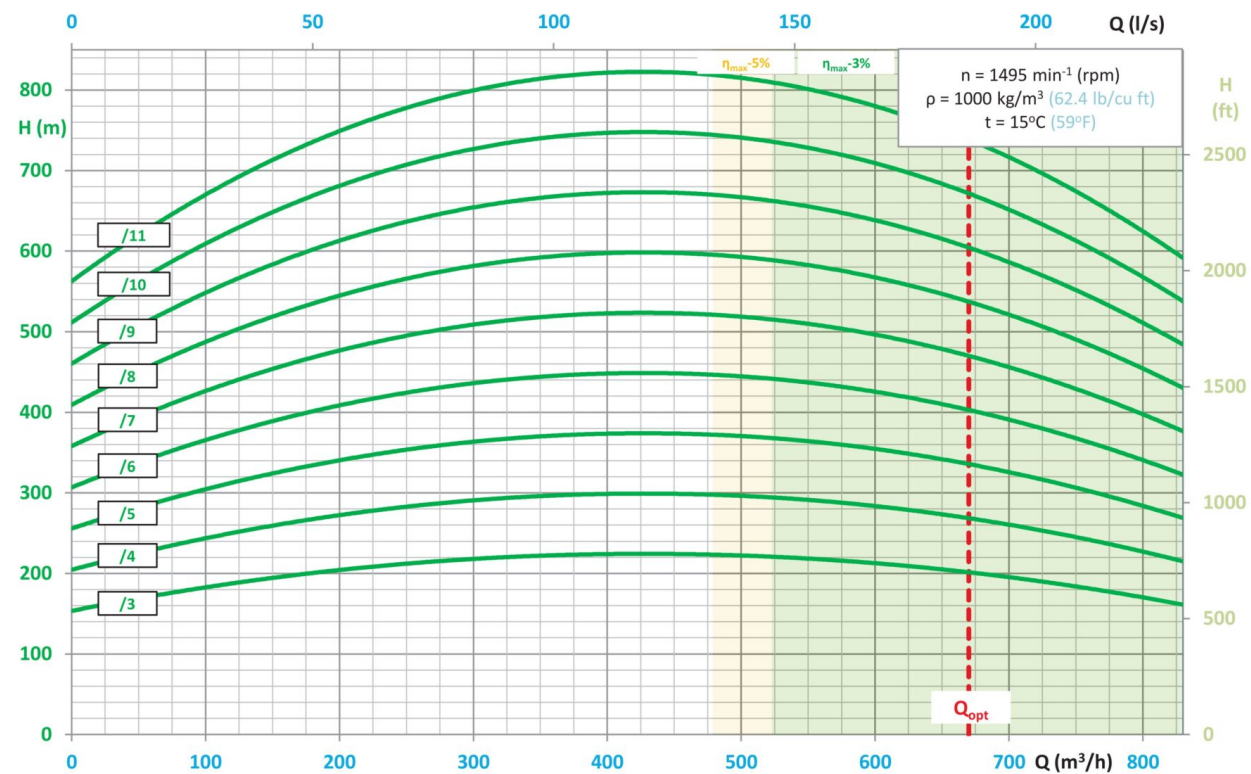
- impeller 20mm



- $H = f(Q)$ - 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.
-

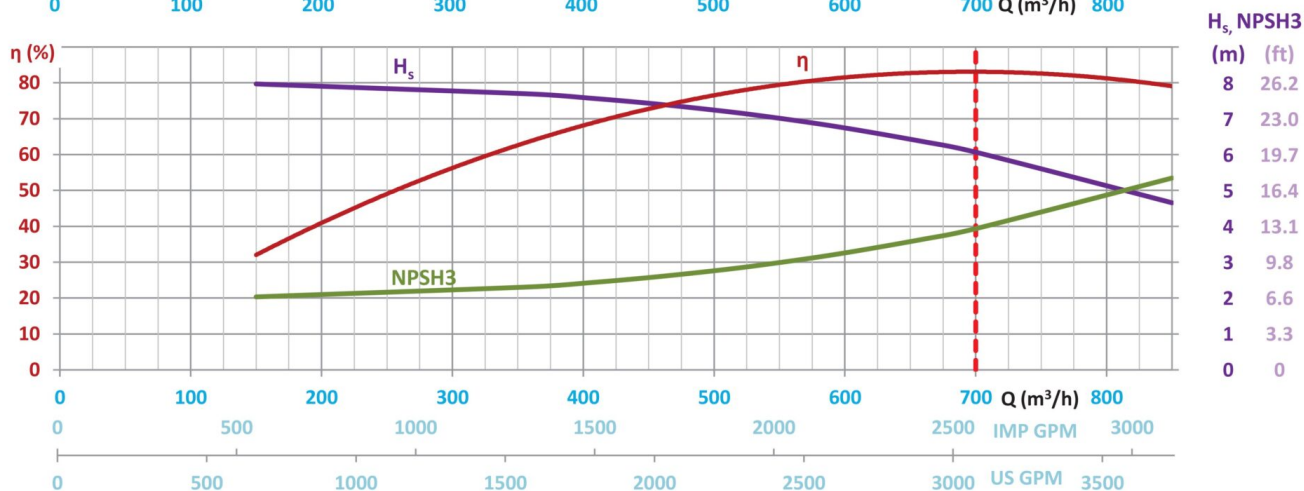
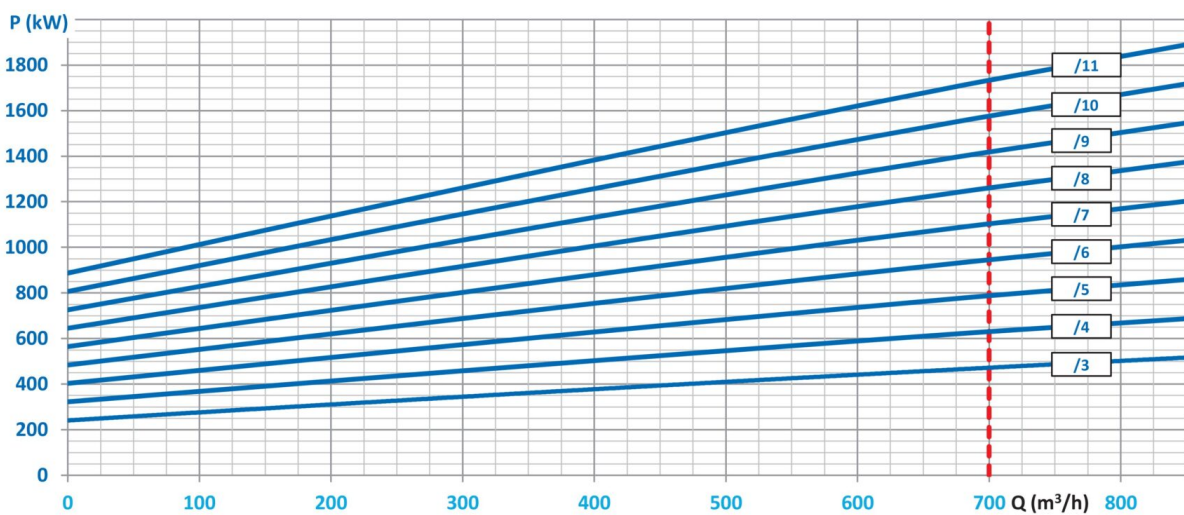
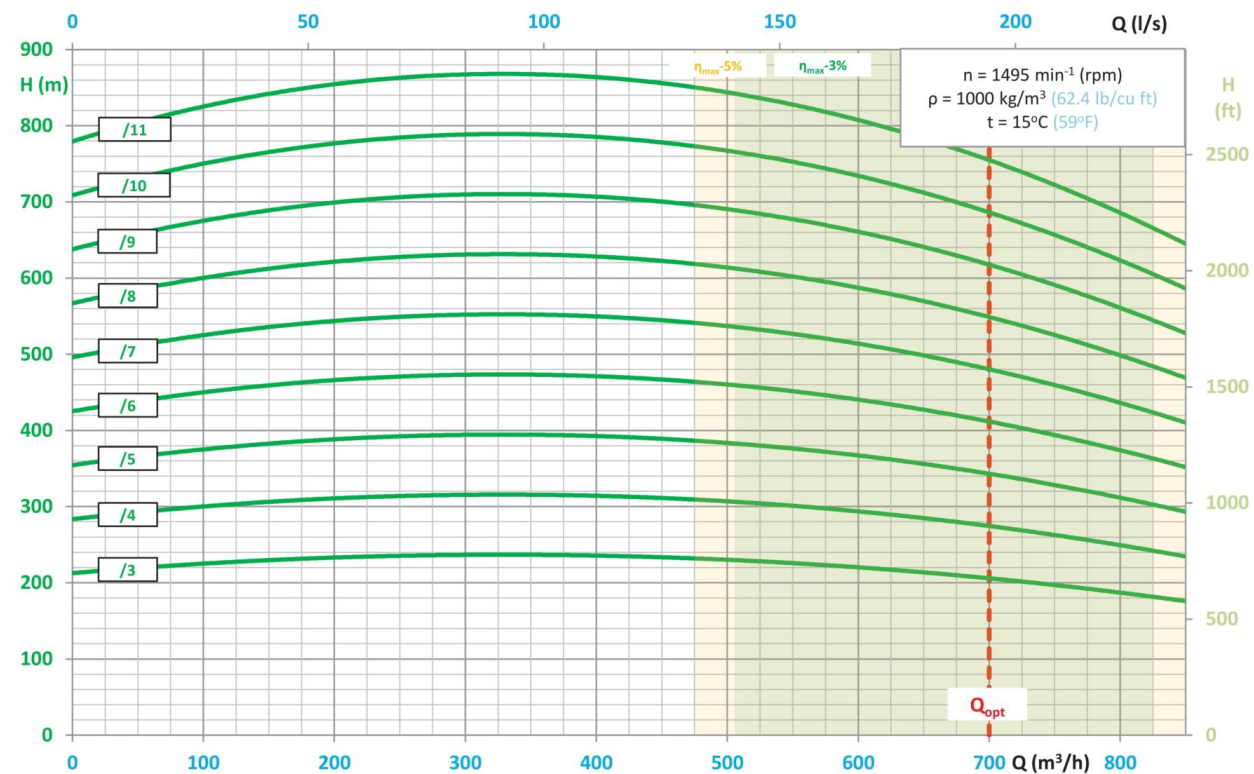
- impeller 26mm



- $H = f(Q)$ - 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.
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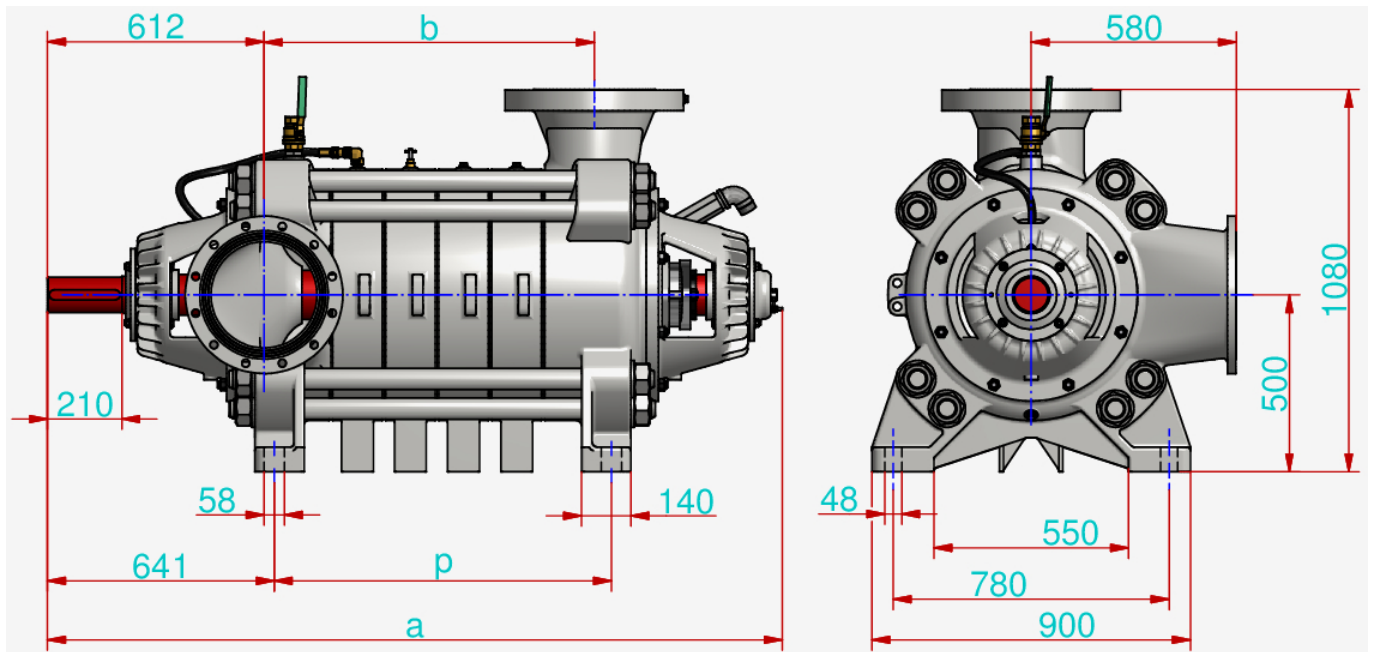
- impeller 30mm



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

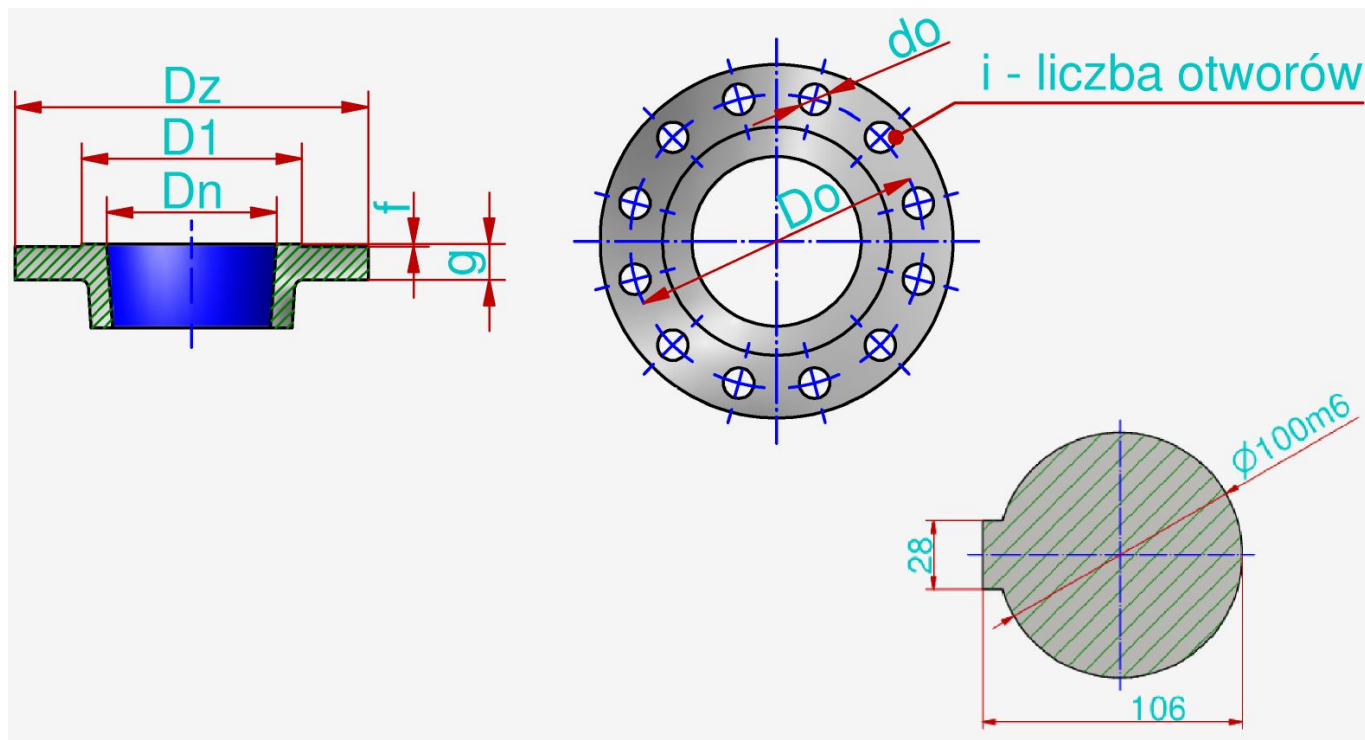
- $\eta = f(Q)$ - efficiency acc. to rate of flow,
- $H_s = f(Q)$ - allowable suction head acc. to rate of flow,
- $NPSH_3 = f(Q)$ - net positive suction head and rate of flow.

MAIN DIMENSIONS OF PUMP



Number of stages										
	3	4	5	6	7	8	9	10	11	
a	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 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.