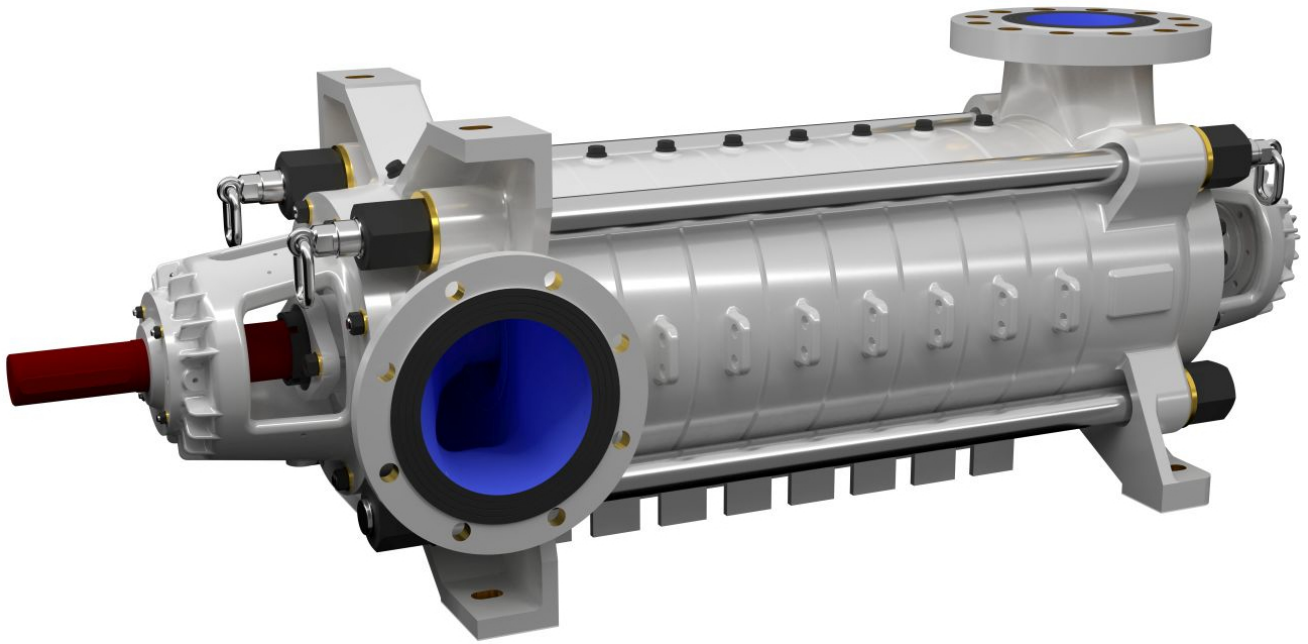


# WPWE-100R



## DOWNLOAD



Catalog



2D



3D

---

**SAVE TO PDF / PRINT**

---

**PUBLICATION - 2017-11-07**

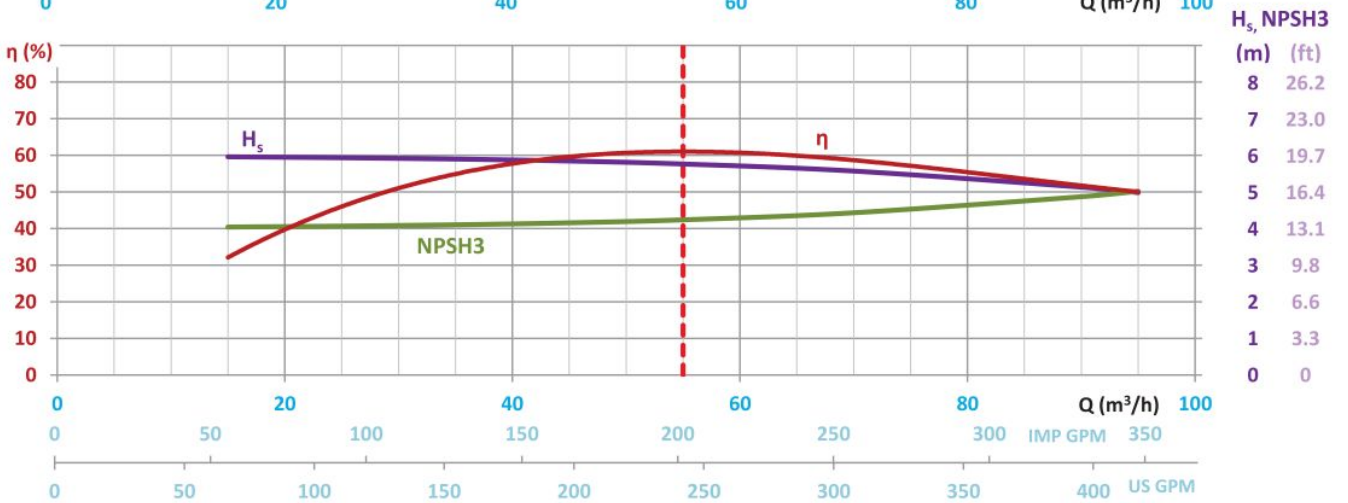
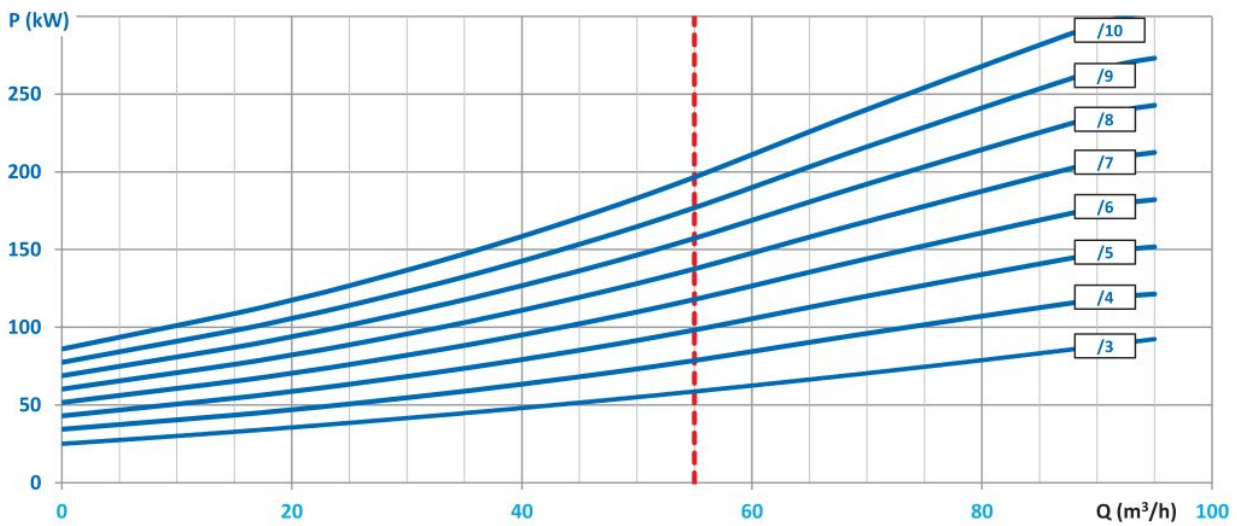
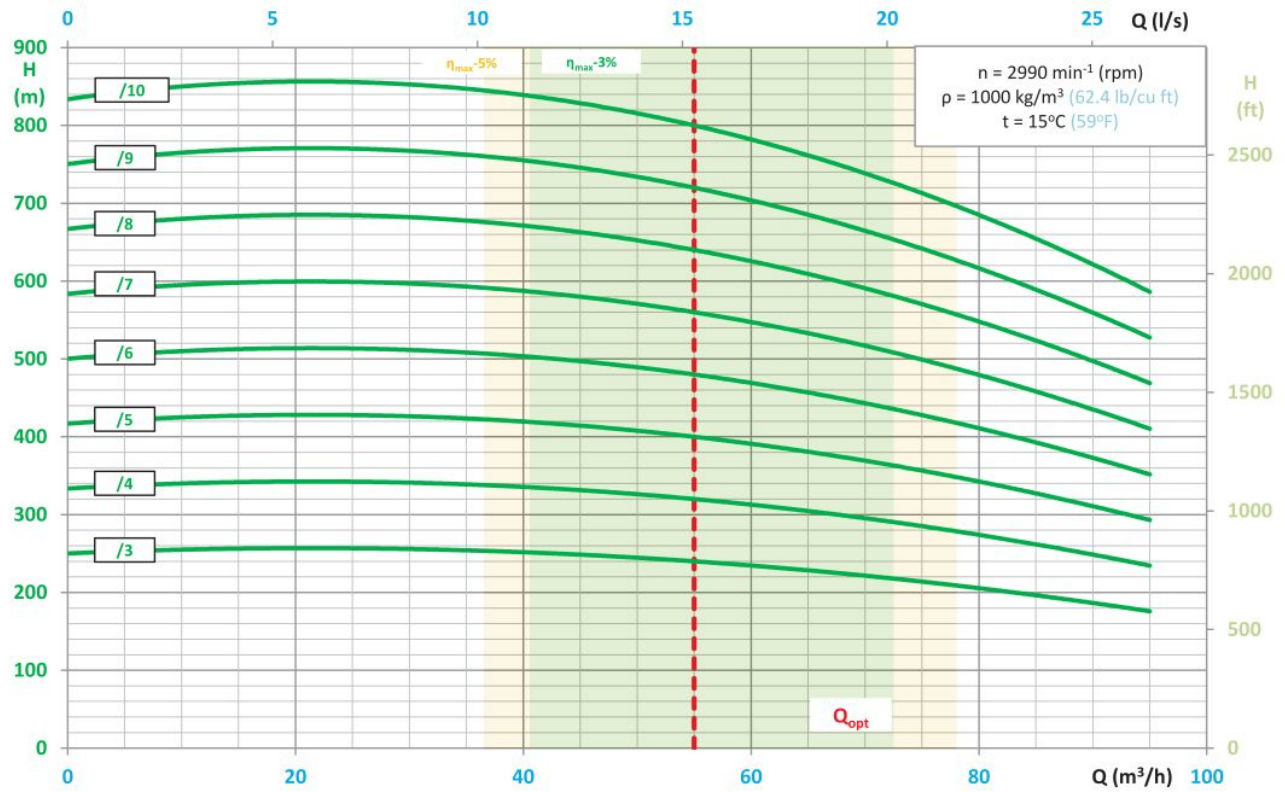
# TYPICAL APPLICATIONS

- 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.
- 

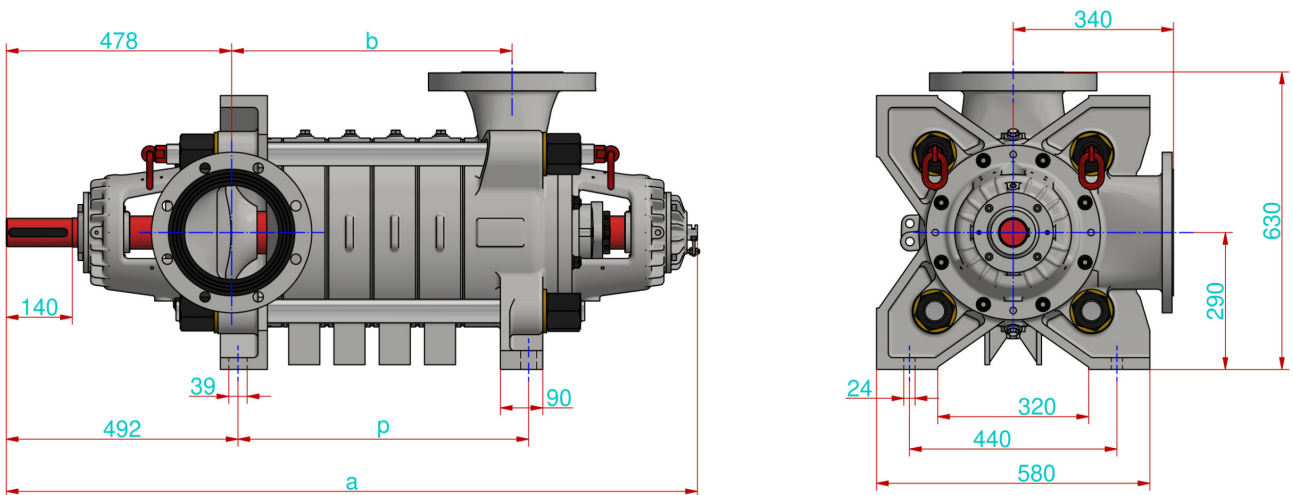
# PUMP PERFORMANCE CURVE



- $H = f(Q)$  - 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.

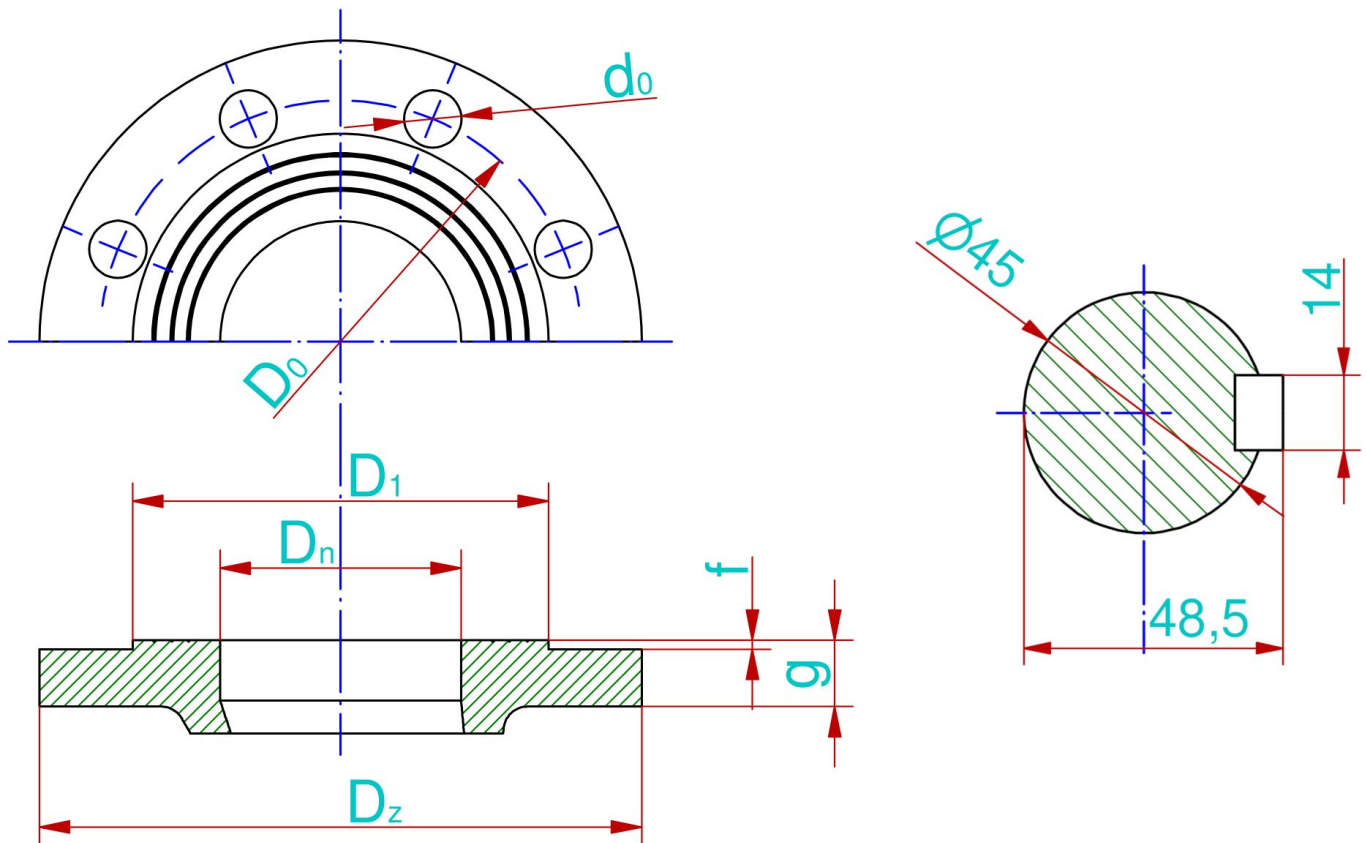
## MAIN DIMENSIONS OF PUMP



Liczba stopni

	3	4	5	6	7	8	9	10	11	
<b>a</b>	1198	1288	1378	1468	1558	1648	1738	1828	1198	mm
<b>b</b>	358	448	538	628	718	808	898	988	358	mm
<b>p</b>	350	440	530	620	710	800	890	980	350	mm

## CONNECTION SIZES OF PUMP



	$D_n$	$P_n$	$D_z$	$d_0$	$g$	$f$	$D_0$	$D_1$	$i$
Króciec ssawny	150	10	285	22	22	2	240	212	8
Króciec tłoczny PN40 (3-4 stages)	100	40	235	22	26	2	190	162	8
Króciec tłoczny PN63 (5-6 stages)	100	63	250	26	32	2	200	162	8
Króciec tłoczny PN100 (7-10 stages)	100	100	265	30	36	2	210	162	8
	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.**