



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
USP 412 W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 413 D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 512 W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 513 D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 662 W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 663 D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP 813 D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USP H 673 D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

USP 412 – USP 813

These pumps are true universal talents: Set up underwater they perform their work as submersible motor-driven pumps. They work just as reliably if they are set up in a separate pump chamber.

The robust wet-running canned motors have static seals. Inrushing water poses no problem for these pumps because they can be submersed. In addition thanks to the high-quality materials, such as special ceramics, stainless steel, and tombac, they are durable and offer an extremely long service life.

Product characteristics at a glance

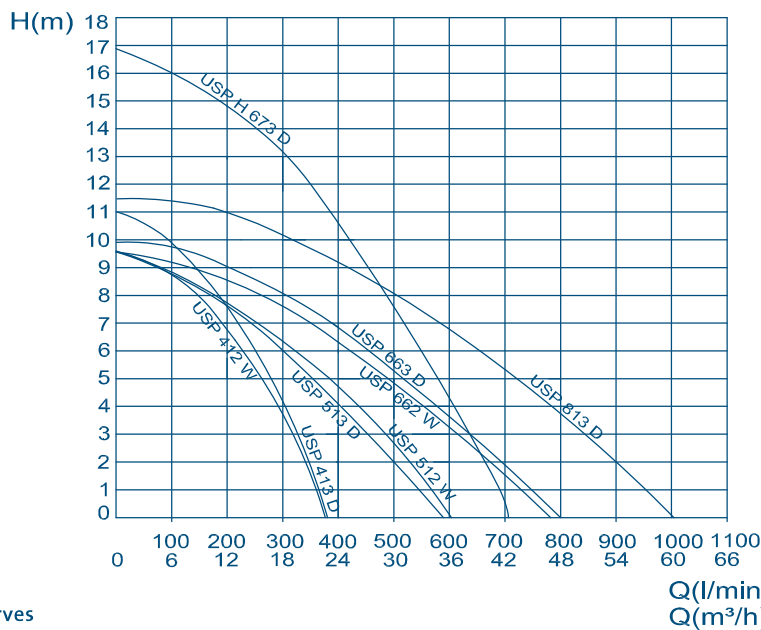
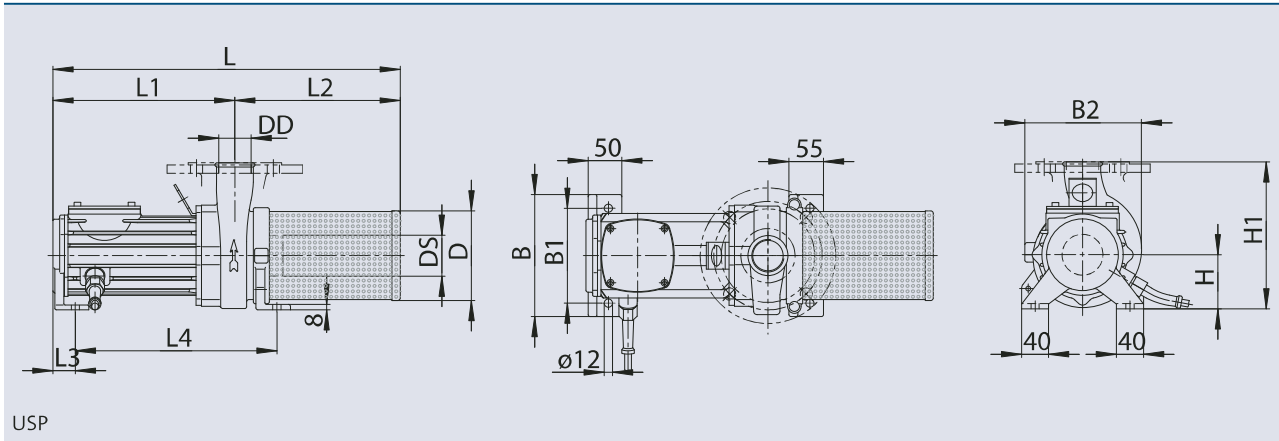
- Suitable for wet and dry installations
- Robust wet-running canned motor
- Wear-free static seals
- Bearings and motor shaft are made of special ceramics
- Shaft, can and pump impeller are made of stainless steel
- Housing made of corrosion resistant tombac alloy



USP 412 W



USP 813 D



Pump performance curves

	USP 412 W	USP 413 D	USP 512 W	USP 513 D	USP 662 W	USP 663 D	USP 813 D	USP H 673 D
Dimensions (LxWxH) [mm]	512 x 180 x 220	512 x 180 x 220	551 x 240 x 280	551 x 240 x 280	679 x 240 x 310	679 x 240 x 310	696 x 240 x 290	679 x 240 x 310
Voltage [V/Hz]	1x 230/50	3x 400/50	1x 230/50	3x 400/50	1x 230/50	3x 400/50	3x 400/50	3x 400/50
Power output [kW]	0.52	0.49	0.60	0.77	1.12	1.18	1.50	1.55
Current [A]	2.20	0.95	3.30	1.30	4.70	2.10	2.90	3.10
B [mm]	180	180	240	240	240	240	240	240
B1 [mm]	140	140	200	200	200	200	200	200
B2 [mm]	178	178	210	210	230	230	255	230
DD [inch]	1 ½	1 ½	2	2	2 ½	2 ½	DN 80	2 ½
DS [inch]	2	2	2 ½	2 ½	3	3	3	3
D [mm]	130	130	150	150	170	170	200	170
H [mm]	80	80	115	115	115	115	115	115
H1 [mm]	220	220	280	280	310	310	290	310
L [mm]	512	512	551	551	679	679	696	679
L1 [mm]	268	268	252	252	305	305	308	305
L2 [mm]	244	244	299	299	374	374	388	374
L3 [mm]	33	33	36	36	36	36	36	36
L4 [mm]	297	297	285	285	330	330	347	330
Cable length [m]	10							
Material	Tombac / stainless steel 1.4301 / Brass (AISI 304)							
Weight [kg]	22	22	31	31	37	37	42	37
Order no.	55721	55720	55727	55726	55732	55731	55735	56506