DEEP WELL SELF-PRIMING JET PUMPS “JETDP”



TECHNICAL FEATURES

- Deep-well self-priming pump installed above ground with the jet body submerged; operates even when the static water level in the well falls as far as 35 metres below the pump.
- Reliable, economical and simple to use: suited to domestic applications, automatic water distribution from small and medium-sized surge tanks, and garden watering.
- For use wherever the suction depth exceeds the normal capacity of surface pumps.
- Suitable for clean water and liquids that are not chemically aggressive to the pump components.
- Install in an enclosed area, or at least sheltered from bad weather.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

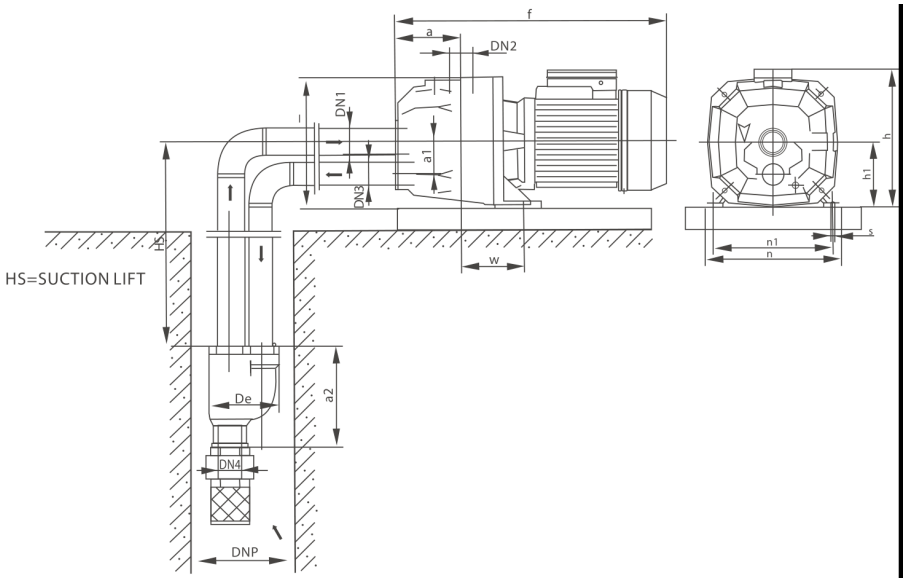
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Cast iron
Motor housing	Aluminium
Impeller	Brass
Diffuser	Techno-polymer
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

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OVERALL DIMENSION



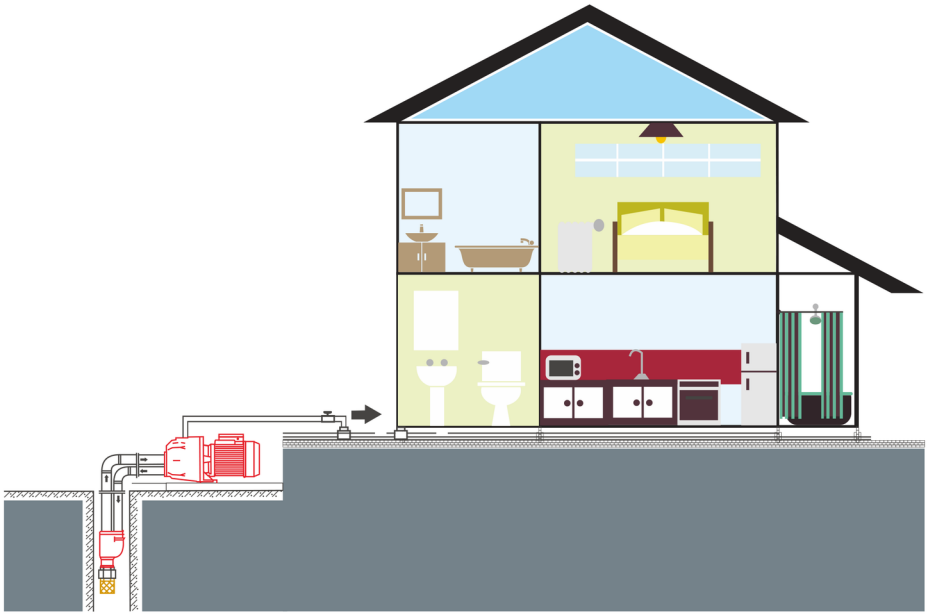
Pump with integral ejector (HS = suction lift)

Dimensions in mm

MODEL	DNP	DN1	DN2	DN3	DN4	DE	a	a1	a2	f	f1	h	h1	l	n	n1	w	s
JETDP-255	4"	1¼"	1"	1"	1"	97	91	45	142	375	515	193	94	177	184	142	100	10
JETDP-370	4"	1¼"	1"	1"	1"	97	91	45	142	375	515	193	94	177	184	142	100	10
JETDP-550	4"	1¼"	1"	1"	1"	97	91	45	142	375	515	193	94	177	184	142	100	10

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INSTALLATION EXAMPLE



HYDRAULIC PERFORMANCE

NO.	MODEL	HS (m)	POWER kW	POWER HP	Q l/h	0	120	240	360	480	600	840	960	1080	1200	1320	1440	1560	1680	1800
A1	JETDP-255	15	0.37	0.5	H (m)	26	23	21	18	15	13	11	10	8	7					
B1	JETDP-370	15	0.55	0.75	H (m)	39	35	32	29	27	23	21	19	17	15	14	13			
C1	JETDP-550	15	0.75	1	H (m)	50	46	43	40	37	34	32	28	26	24	22	20	19	18	17
B2	JETDP-370	20	0.55	0.75	H (m)	30	27	23	20	16	13	10								
C2	JETDP-550	20	0.75	1	H (m)	39	35	32	30	27	25	23	20	17						
B3	JETDP-370	25	0.55	0.75	H (m)	23	20	17	15											
C3	JETDP-550	25	0.75	1	H (m)	32	29	25	22	20										
B4	JETDP-370	30	0.55	0.75	H (m)	16	13	11												
C4	JETDP-550	30	0.75	1	H (m)	25	23	20	17											
C5	JETDP-550	35	0.75	1	H (m)	18	16	15												

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TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	JETDP-255	(1¼" × 1") × 1"	13.5	470 × 205 × 230
B	JETDP-370	(1¼" × 1") × 1"	14	470 × 205 × 230
C	JETDP-550	(1¼" × 1") × 1"	15	470 × 205 × 230

ACCESSORIES



Accessories as shown.

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.