

**NEW**

# ULTRA 18SL

**In-Line MULTISTAGE electric pumps**



## USES

Pumping of clean non-loaded fluids in the domestic, agricultural and industrial sectors; pressurizing systems; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

## ADVANTAGES

Closed coupled and compact; silent; excellent efficiency that allows a reduction of running cost and powers; economical; over-dimensioned bearings for longer life of machines; intermediate shaft guiding stage for concentricity of rotation.

## CONSTRUCTION FEATURES

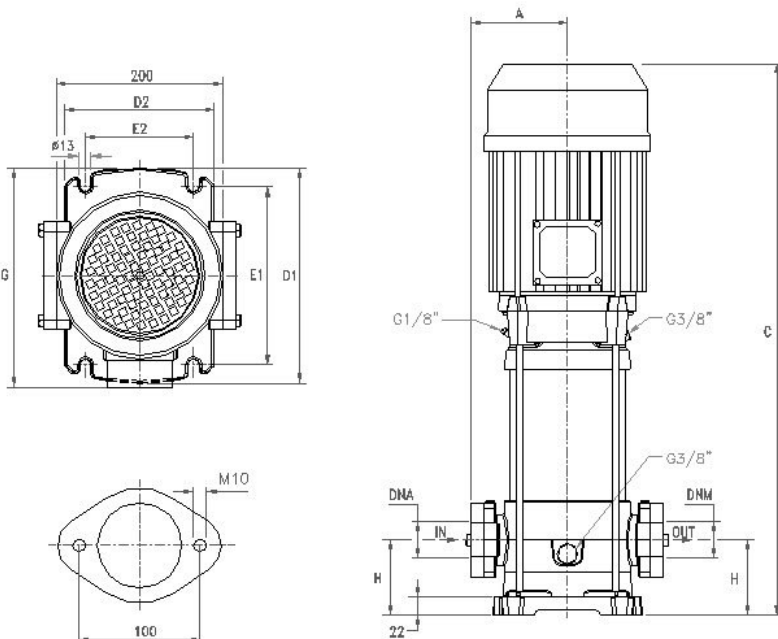
Capacity: up to 26 m<sup>3</sup>/h; total Head: up to 125 m; maximum working pressure: 8 bar ≤ 6 impellers, 14 bar > 6 impellers maximum liquid temperature: from -15 up to +110 °C; ambient temperature: max 40 °C.

## MOTOR

2 Pole induction Motor; single Phase 230V - 50 Hz with thermal protector up to P2=1,85kW; three phase 230 - 400V - 50 Hz; insulation class F; protection degree IP 44.

## MATERIALS

Flanged section pump body: cast iron; flanged delivery pump body: cast iron; shell, impellers, diffusers, mechanical seal disc holder: AISI 304 chromo-nickel steel; pump shaft: AISI 303 chromo-nickel steel; motor bracket: cast iron; mechanical seal: ceramic-graphite up to 6 stages - graphite-silicon carbide from 7 stages; intermediate shaft guiding stage bush: ceramic-tungsten carbide; pump body gasket: EPDM.



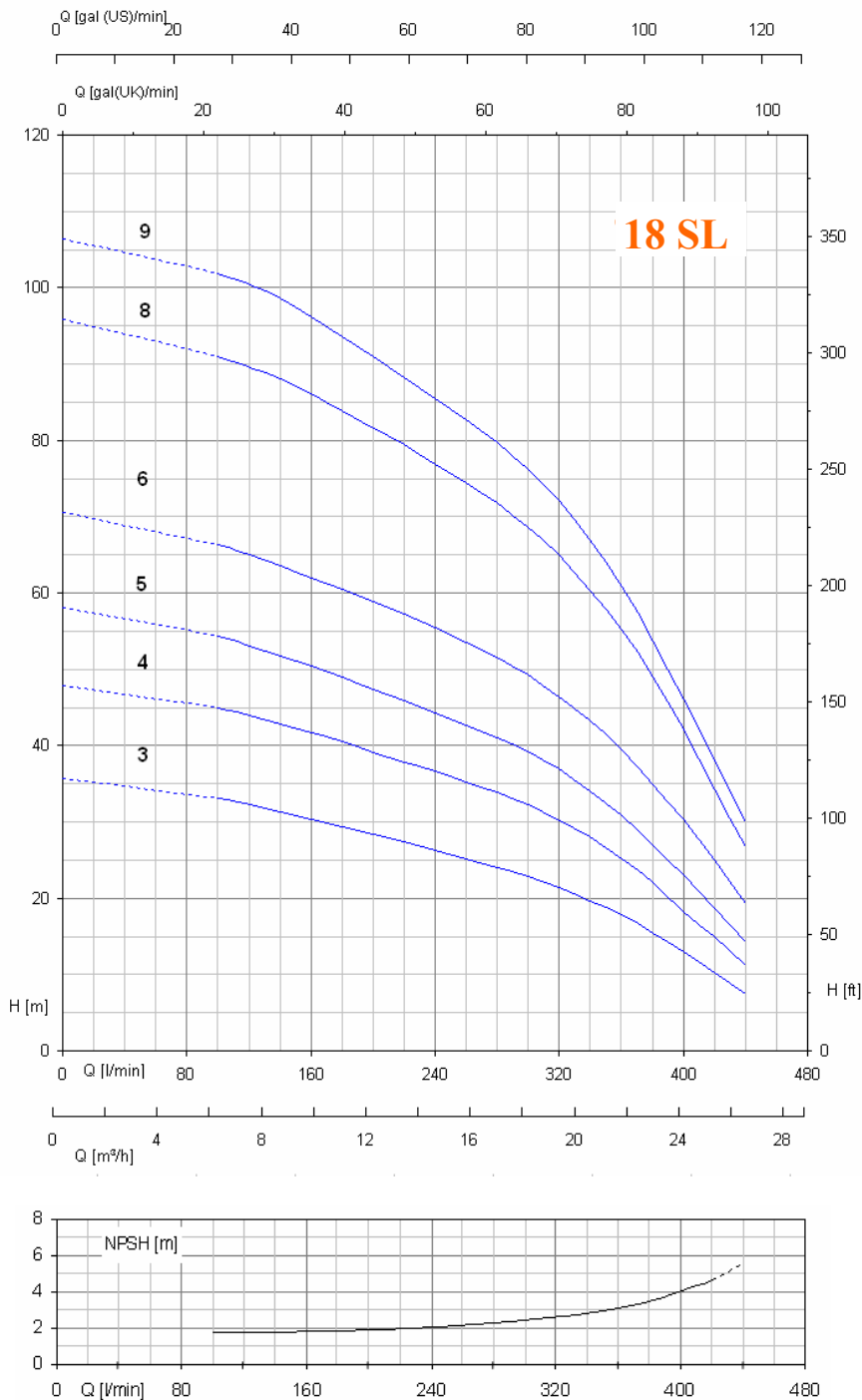
Dimensions



## U 18 SL - 550 / 6 T

- Three-phase
- No. of impellers
- Nominal Power HPx100
- In-Line
- Stainless steel hydraulic
- Nominal flow-rate m<sup>3</sup>/h
- Type ULTRA

TYPE	DIMENSIONS								DNA "G	DNM "G
	A	C	D1	D2	E1	E2	G	H		
U 18SL-250/3 T	118	452	260	180	178.5	125	251	90	2	2
U 18SL-400/4 T	118	575	260	180	178.5	125	257	90		
U 18SL-450/5 T	118	646	260	180	178.5	125	271	90		
U 18SL-550/6 T	118	683	260	180	178.5	125	271	90		
U 18SL-750/8 T	118	804	260	180	178.5	125	280	90		
U 18SL-900/9 T	118	842	260	180	178.5	125	280	90		



Technical data



TYPE	P <sub>2</sub>		P <sub>1</sub> (kW)	AMPERE	Q (m <sup>3</sup> /h – l/min)										
					3~	0	6	8,4	10,8	13,2	15,6	18	20,4	22,8	25,2
3~					0	100	140	180	220	260	300	340	380	420	440
230 / 400 V – 50 Hz	(HP)	(kW)	3~	3 x 400 50Hz	H (m)										
<b>U 18SL-250/3 T</b>	2,5	1,87	2,29	4.4	35.7	33.1	31.3	29.4	27.4	25.1	22.8	19.6	15.4	10.2	7.5
<b>U 18SL-400/4 T</b>	4.0	3.0	3.11	5.7	47.9	45	42.8	40.5	37.8	35.2	32.2	28.0	22.1	14.9	11.2
<b>U 18SL-450/5 T</b>	4,5	3,37	3,79	6.7	58.1	54.3	51.8	49.0	45.9	42.7	39.2	34.0	26.9	18.7	14.3
<b>U 18SL-550/6 T</b>	5,5	4.0	4.63	8.7	70.5	66.4	63.6	60.5	57.2	53.5	49.3	43.3	34.9	25.0	19.3
<b>U 18SL-750/8 T</b>	7.5	5.5	6.15	10.9	95.9	90.9	88.0	83.9	79.5	74.3	68.6	60.4	49.0	34.2	26.7
<b>U 18SL-900/9 T</b>	9.0	6.6	7.0	12.7	106.4	101.8	98.6	93.5	88.2	82.7	76.2	66.9	53.6	38.1	30.0