



# ESYBOX DIVER

## DOMESTIC SUBMERSIBLE BOOSTER PUMPS



### APPLICATIONS

DAB ESY BOX DIVER are submersible electronic booster pumps designed for domestic pressurization of clean water from tanks and wells. They can be used submerged, partially submerged and can be installed in vertical or horizontal positions

### CONSTRUCTION FEATURES

- Integrated 0.04litre expansion vessel sized to prevent the pump from cycling in the event of small leakages. No maintenance or recharging is required for the intergrated vessel.
  - Technopolymer pump body to resist corrosion and oxidation
  - Intergrated check valve
  - Intergrated debris filter
  - Overpressure valve to protect from water hammer
  - Air vent valve that improves priming during the first installation
  - The electronic operation allows the pump to start and stop automatically and against dry run
  - Fitted with anti-cycling protection in case of leakages in the system
  - DAB ESY BOX DIVER is equipped with PLC(PowerLine Communication) technology which allows it to communicate with the external Com Box supplied as standard to set the cut-in pressure and to control the alarms
- Pump liquids: Clean, free from solid or abrasive substances, non-viscous, non aggressive, non-crystallized and chemically neutral

**Motor protection rating:** IP68

**Liquid temp. range:** 0° to 50°C

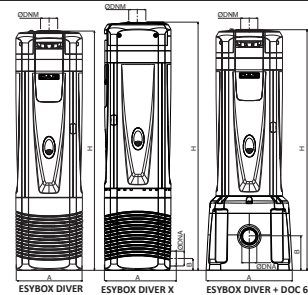
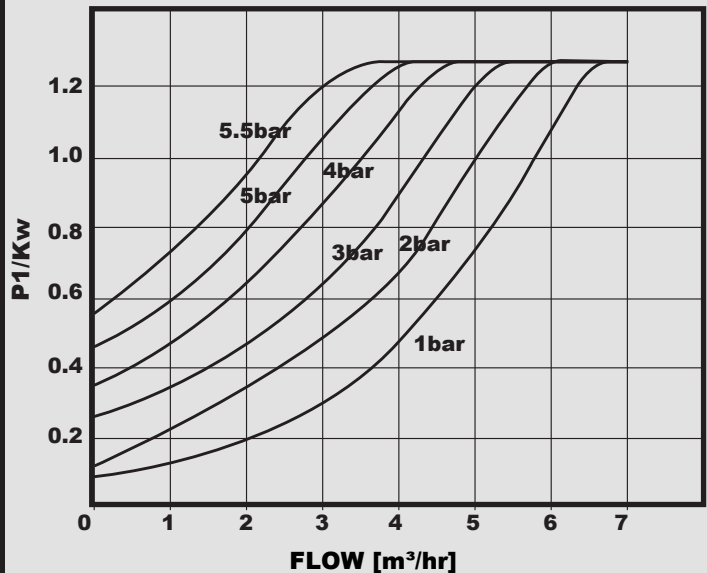
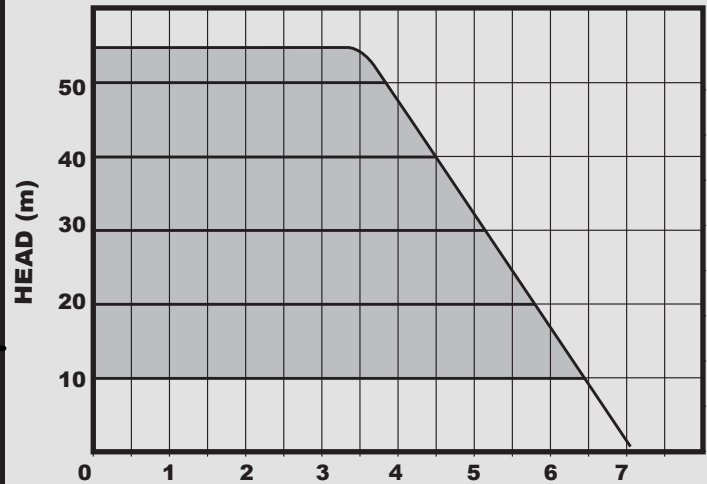
**Max. immersion depth:** 15m

**Free passage:** 2mm

**Set cut-in:** 2.4 bar(±0.2)

### TECHNICAL DATA

Performance Curves



MODEL	ELECTRICAL DATA					A	B	H	Ø	Ø	PACKING DIMENSIONS			PACKING VOLUME m <sup>3</sup>	Q.TY X PALLET	WEIGHT Kg
	POWER INPUT 50 Hz	P1 kW	P2 NOMINAL kW	HP	In A						L/A	L/B	H			
ESYBOX DIVER	1 x 220-240 V ~	1.3	0.95	1.3	5.5	185	-	651	1" 1/4	-	740	230	300	0.05106	15	17
ESYBOX DIVER X	1 x 220-240 V ~	1.3	0.95	1.3	5.5	195	32	676	1" 1/4	1"	780	230	300	0.0538	15	17
ESYBOX DIVER + DOC 68	1 x 220-240 V ~	1.3	0.95	1.3	5.5	235	92	658	1" 1/4	1" 1/4	382*	306*	178*	0.0208*	30*	3*