



Industrial use

INSTALLATION AND USE

TOP MULTI 1-AD submersible pumps are engineered to handle AUS32 (Aqueous Urea Solution 32.5%), a clean liquid meeting ISO 22241 standards. This solution is also recognized globally under:

- ✳ **AdBlue®** (registered trademark of Verband der Automobilindustrie VDA);
- ✳ **DEF** (Diesel Exhaust Fluid);
- ✳ **Arla 32** (Agente Redutor Liquido de Óxido de Nitrogênio Automotivo).

APPLICATION LIMITS

- Depth of use below liquid level up to **3 m**
- Liquid temperature up to **+40 °C**
- Draining capability up to **25 mm** from the bottom

INCLUDES

- ✳ **5 m** long power cable with H07BN4-F sheathing
- ✳ Complete sleeve with clapet valve

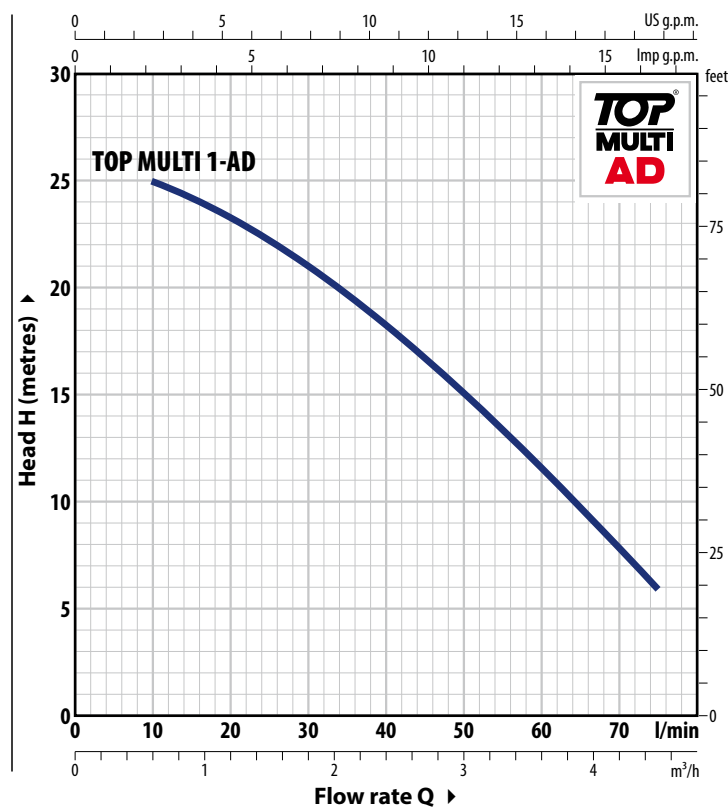
AVAILABLE UPON REQUEST

- ✳ Different voltage requirements 60 Hz frequency
- ✳ 10 metres long power cable



CURVES AND PERFORMANCE DATA

50 Hz



ABSORPTION

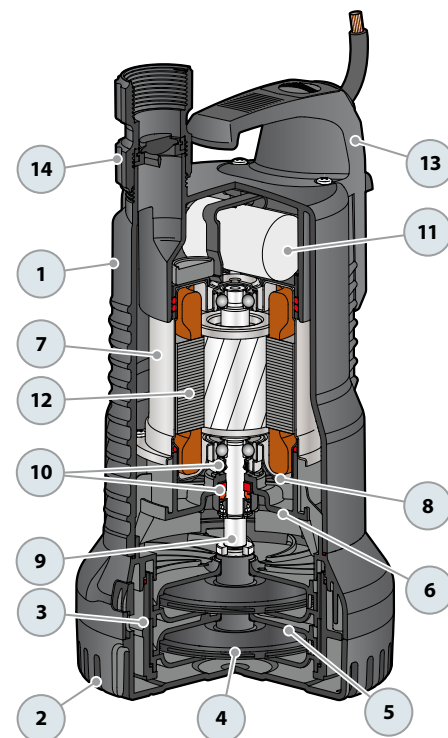
TYPE	VOLTAGE
Single-phase	230 V
TOP MULTI 1-AD	2.0 A

TYPE	POWER (P ₂)		Q	m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.5
	kW	HP		l/min	0	10	20	30	40	50	60	70	75
Single-phase													
TOP MULTI 1-AD	0.37	0.50	H metres		26	25	23.3	21	18.3	15	11.6	8	6

MATERIALS AND COMPONENTS

1	Pump body	Technopolymer with ISO 228/1 threaded delivery port	
2	Suction filter	Technopolymer	
3	Containment stages	Technopolymer	
4	Impeller	Noryl™	
5	Diffuser	Noryl™	
6	Diffuser vanes	Technopolymer	
7	Motor sleeve	Stainless steel AISI 304	
8	Motor cover	Stainless steel AISI 304	
9	Motor shaft	Stainless steel AISI 431	
10	Double shaft seal		
	Seal	Shaft	Materials
	STA-12R SGE	Ø 12 mm	Silicon carbide / Graphite / EPDM
	Shaft seal	Ø 12 x Ø 19 x H 5 mm	
11	Capacitor		
12	Electric motor		
	TOP MULTI-AD: Single-phase 230 V - 50 Hz with winding integrated thermal motor protection		
	- Continuous running duty S1		
	- Insulation: Class F		
	- Protection rating IP X8		
13	Handle group		
	※ Complete with 5 metres long power cable type 'H07BN4-F'.		
14	Sleeve		
	Threaded 1¼" ISO 228/1 with built-in clapet valve (Included in delivery)		





DIMENSIONS AND WEIGHTS (mm)

TYPE	PORT	N°	DIMENSIONS mm								kg
Single-phase	DN	STAGES	a	b	h	h1	d	p	∅		
TOP MULTI 1-AD	1¼"	2	170	180	295	315	25	350	220	5.9	

PALLET CAPACITY

TYPE	NO. OF PUMPS
Single-phase	
TOP MULTI 1-AD	60

