



Bravados

TECHNICAL CHARACTERISTICS

Coil R _s 8,5 Ω T:	D.C. voltage
Power supply:	230V ± 15%:50-60 Hz
Max power:	3,5 W
Power:	1 W at rest
Fast fuse:	1 A 5x20 EST
Max driving frequency:	1,5 Hz
Propeller sensor:	Hall type
Unit operation block:	through switch
Power indication:	GREEN LED ON
Working indicator:	GREEN LED FLASHING
Empty tank indicator:	RED LED ON
Output pulse:	Every 20 revolution D.G.
Power cable:	IMQ cable with plug 10 A 3 x 0,75
Earth cable:	110 cm length + earth pin
Printed circuit:	self-extinguish resin
Error allowance:	0% of revolution counting
Connection:	mini faston 4,8 x 0,8 for the coil and printed circuit



BRAVADOS - Volumetric dosing pump

Why BRAVADOS?

According to latest safety regulations, metering of antiscalant and anti corrosive for the treatment should be proportional to water flow in any operation condition, with metered quantity not higher than the concentration of 5 ppm as P205 per litre of treated water. AQUA has realized a new PROPORTIONAL equipment for a SAFE and ACCURATE metering.

What's BRAVADOS?

It's a volumetric dosing pump for the proportional dosing of AQUASIL 20/40 in the drinkable water to avoid possible scaling and corrosion of the hydraulic circuits.

Operating

BRAVADOS is for dosing liquids only. Pumping is driven by an electronic circuit which ensure a precise proportional metering. Dosing functioning is obtained through the sensor "HALL TYPE EFFECT" reading the water flow transmitted to the circuit which effects a statistic of the water flow and drives the pumping frequency. BRAVADOS starts dosing operation from a minimum drawing of 90 l/h with injection frequency every 0.3 lts, by means of an injection valve, which establishes the instant mixing of AQUASIL 20/40 into the water.

Pump priming

MINIDOS is completely self-priming; simply introduce AQUASIL 20/40 bottle into the locking-connection. The pump is protected against the hydraulic circuit counter-pressure by a non-return double valve.

OPERATING LIMITS	CONNECTION				
	1/2"	3/4"	1"	1"1/4"	
Min-max pressure:	1,5 - 6 ATM				
Max water temperature:	40°C				
Min line capacity for correct dosing:	l/h	30	60	90	120
Max line capacity for correct dosing:	l/h	1500	2500	3600	4200
Injection frequency:	Injections x l	3.5	2.5	2.0	2.0
Dosing per L in P205:	ppm	3,5			
Load autonomy m ³ :	circa	22	47	120	120
Tank capacity:	cc	500	1000	2500	2500



ADAPTOR KIT for metal pipes

CODE	MODEL	INLET/OUTLET	DIMENSIONS (mm) a x b x c x d	lt/min	PACKING carton	Kg	
A8040010	BRAVADOS	1/2" M	275 x 90 x 86 x 75	25	12	19	
A8040020	BRAVADOS	3/4" M	310 x 115 x 86 x 75	40	12	23	
A8040070	BRAVADOS	1" M	420 x 160 x 190 x 355	60	1	2.6	
A8040080	BRAVADOS	1"1/4 M	420 x 160 x 190 x 355	70	1	2.7	
A8040K20	BRAVADOS CONNECTING KIT FOR 1/2" F ONLY						0.2

