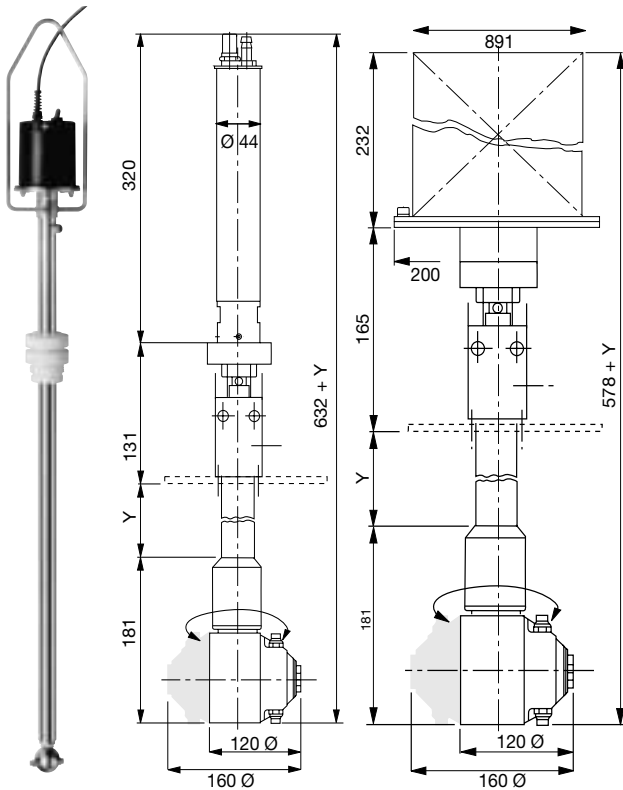


TWO AXIS HEADS

MOTOR DRIVE

UBK



These proven units are powered from electric or compressed air motors located outside the tank, and are expressly designed for those applications where high pressure operation is required.

The high quality motors and the stainless steel mechanism assure for years long trouble-free service, while a choice of models covers a wide application requirement range, with pressures up to 300 bar and capacities to 500 lpm, different shaft lengths and choice between 2 or 4 nozzles heads to better suit your washing cycle specifications.

The rotating head has enclosed gears and its liquid capacity depends upon the size of its spray nozzles.

Shaft lengths 1.0, 1.5 or 2.0 meters, see drawings for total length.

Accessories, and specifications about air and electric motors, can be found at page 13.

Materials

Mechanical parts B3 Aisi 316 stainless steel

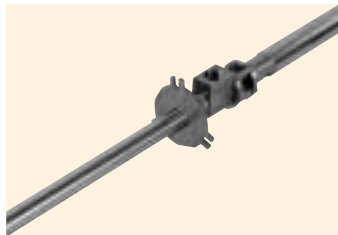
TANKWASHER CODE

UBH tankwashers code includes all the possible options, and it must be completed by means of the table below, choosing the appropriate value for X, Y and Z.

UBK 12 x y B3 z B

Please complete the code as follows

X Motor type	A = Air	E = Electric		
Y Shaft length	A = 1.0 m	B = 1.5 m	C = 2.0 m	
Z Tank mount	A = Adapter	B = Threaded ring	C = Flange	Z = None



We supply mounting flanges to Customer design, or to any international Standard.

Code	NZ	Capacity at different pressures (lpm) (bar)							Dimensions		
		30	50	70	90	110	150	250	TL	DL	RF
UBK 12xy B3 zB	40	100	130	153	174	192	225	290	120	160	1"
UBK 18xy B3 zB	50	125	161	191	216	239	279	361			
UBK 24xy B3 zB	60	149	193	228	259	286	334	-			
UBK 36xy B3 zB	70	174	225	266	301	333	-	-			
UBK 48xy B3 zB	80	201	259	307	348	-	-	-			
UBK 54xy B3 zB	90	225	291	344	-	-	-	-			

Capacity values shown in the table only show the highest value that can be obtained through a rotating head fitted with two nozzles having the size shown under the column NZ. The precise capacity being sprayed into the tank depends upon friction losses between the pump outlet and the nozzles.

Additional technical details are given at page 13.

THREADED RING

The thread ring allows for a positive assembly of the tankwasher to a tank porthole with an inner thread.

The ring body is secured by a thread connection to the porthole, while the tankwasher shaft is passing through a conical sleeve with longitudinal cuts which can be compressed to smaller diameters.

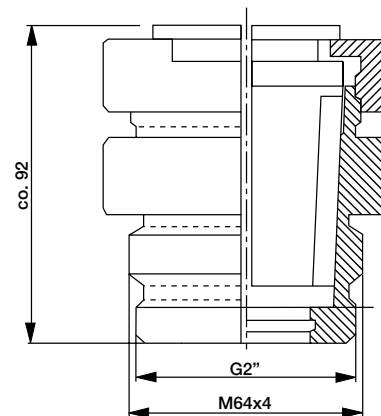
By tightening the locknut the tankwasher shaft is then securely locked in place.

An o-ring seal at the bottom of the body passage makes for a tight fit between the shaft and the manifold body.

The body has two threads, being apt to be fixed onto a 2" or a metric 64 x 4 female threads.

Material B3 Aisi 316 stainless steel
 E11 Delrin

ACCESSORIES AND INFO



ELECTRIC MOTOR SPECIFICATIONS

Electric motors contain a gear box to reduce the revolutions per minute of the head.

The table below contains the main specifications for the different motors, based on the tankwasher type and spray head dimensions.

Tankwasher Model	Sprayhead dimension (mm)	Voltage (Volt)	Power (Watt)	Frequency (Hertz)	Revolutions (rpm)
UBG	42 & 55	230	56	50	11
UBH	76		56		11
UBK	120		150		19

Electric motors for the American market, working with 60 cycles, are available on request.

AIR MOTOR SPECIFICATIONS (Atlas Copco)

The table below contains the main specifications for the different motors, based on the tankwasher type, sprayhead dimensions and number of nozzles.

Tankwasher Model	Sprayhead dimension (mm)	Maximum pressure (bar)	Nozzle number	Air consumption (lps)	Revolutions per minute (rpm)
UBG	42 & 55	7.0	4	9.9	10 to 20
UBH	76		2		
	115		4		
UBK	120		2		
	160		4		