

VALVE XS 715 with servomotor 3.5 UMA-kind

CHARACTERISTICS OF THE VALVE

The valve 715 is a sphere XS 2 parts valve stainless steel for use on all compatible fluids. Construction body and stainless steel sphere with full flow, the valve 715 XS possess PTFE seats. The sealing to the axis is achieved by an O-ring FPM and a gland PTFE. ISO enables platinum direct mounting actuator without rooms coupling, reducing known clutter. The electric motor with the actuator UMA-

3.5 offers a compact with many features.



AVAILABLE MODELS

DN 1/4 " to 2 "

BSP threaded end connections

CLASSIFICATION ACCORDING TO 97/23

Not subject to DN ≤ 1 " Category II for DN 1 " ¼ to

2 "

LIMITATIONS

maximum pressure of the fluid PS: 63 bar at 20 ° C maximum temperature of the fluid TS: 180 ° C

OPTIONS

Voltage of 24 V and 230 anti-condensate resistance frequency 60 Hz

ACTUATOR UMA-TYPE 3.5

See our specifications FT22060 on page 4 of this document.

ENGINE ELECTRICAL UMA-3.5

The engine offered as standard agrees:

- upstream / downstream pressure difference of 10 bar.

DN	servo-motor
½ "	UM-1.5 / UMA-3,5
¾ "	UM-1.5 / UMA-3,5
1 "	UM-1.5 / UMA-3,5
1 " ¼	UMA-3.5
1 " ½	UMA-3,5 / UVB-5
2 "	UMA-3,5 / UVB-5

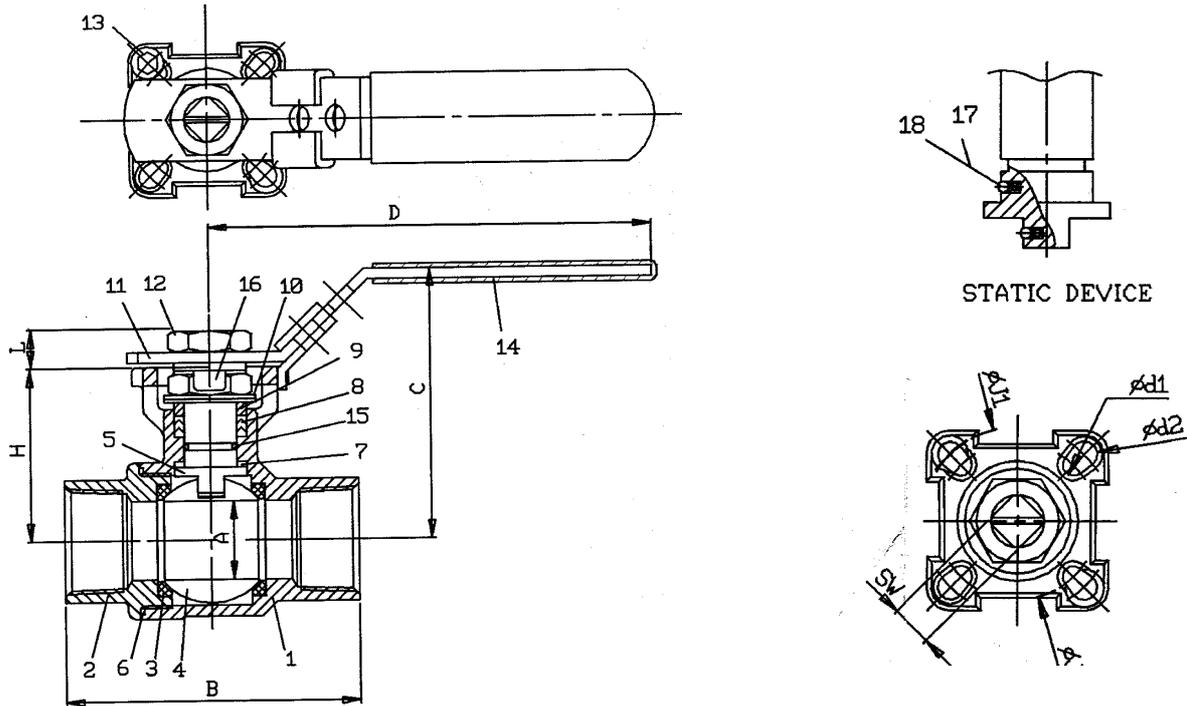
For any other service condition, contact us.

PLAN SPACE

For the bulk of the motorized assembly ribs 715XS + UMA-3.5, refer to the overall plan No. 717, page 3 of this document.

Information provided as an indication and subject to possible changes

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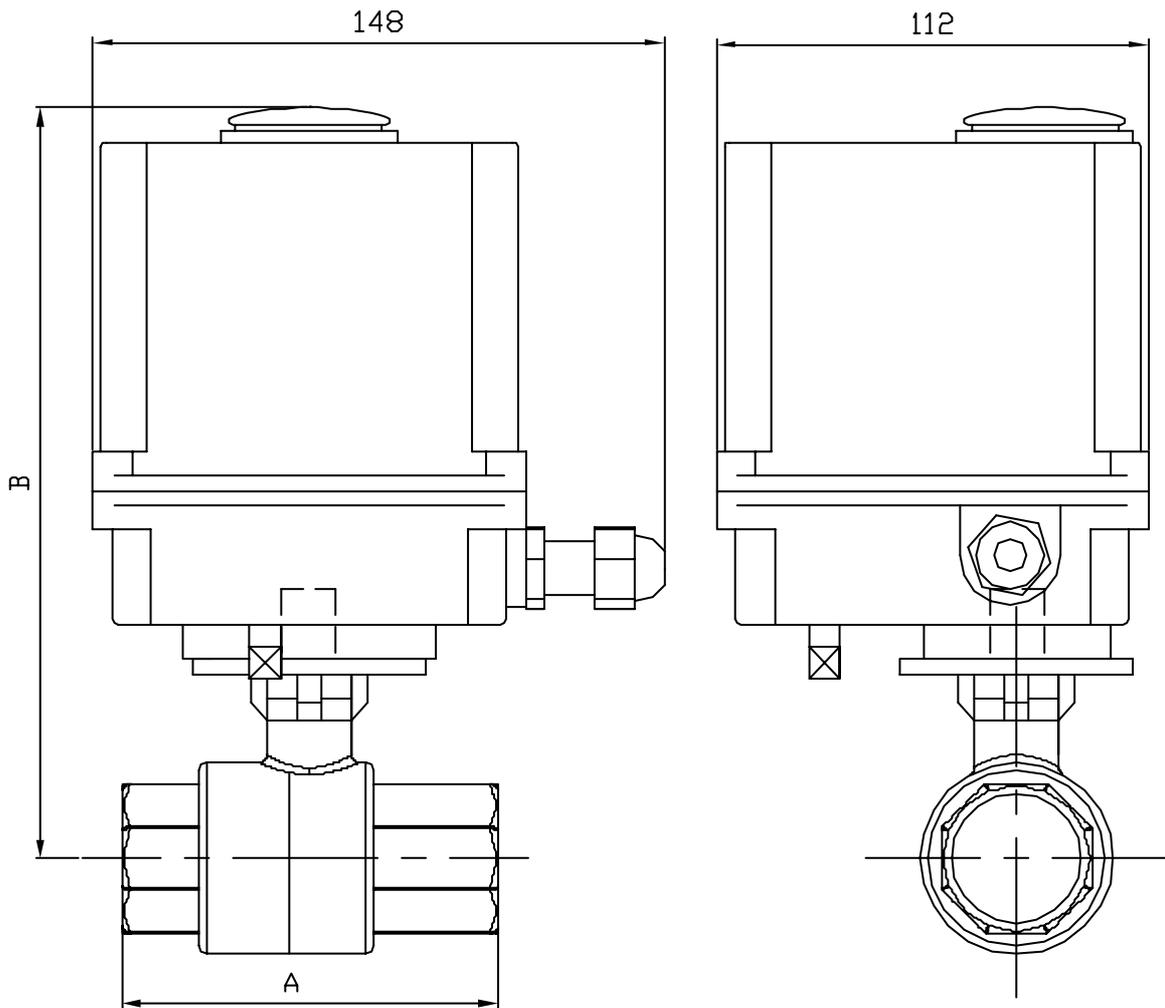
CONSTRUCTION

item	Description	material	item	Description	material
1	Body	316 Stainless Steel	10	Bell washer.	stainless steel 301
2	tip	316 Stainless Steel	11	The sink	304 Stainless Steel
3	seating	PTFE + 15% GF	12	Nut	304 Stainless Steel
4	Sphere	316 Stainless Steel	13	stopper	stainless steel 301
5	stem	316 Stainless Steel	14	Muff	PVC
6	Body Seal	PTFE	15	O-ring	FPM
7	joint	PTFE + 15% GF	16	Nut	304 Stainless Steel
8	PE lining	PTFE	17	antistatic	316 Stainless Steel
9	brace	304 Stainless Steel	18	Spring	316 Stainless Steel

DIMENSIONS (mm)

DN	AT	B	C	D	H	The	J	J1	D1	D2	sw
½ "	15	55	70.9	110	42.3	8	42	50	6	7	9
¾ "	20	76	73.4	110	44.9	8	42	50	6	7	9
1 "	24.5	83	84.1	135	54	10	42	50	6	7	11
1 " ¼	32	91	89.3	165	59.2	10	50	70	7	9	11
1 " ½	38	103	109.5	165	71.3	10	50	70	7	9	11
2 "	50	120	118.9	165	82.9	14.8	50	70	7	9	14

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DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
A	55	76	83	91	103	120
B	187	189	198	203	216	227

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Ech:	Dat		Tolérances générales : +/- 02	Modifications	Date	REV.
UMA-3.5 715 XS				Poids (Kg) :		
				Traitement : SANS		
				Plan n° Ens 717		

ACTUATORS TYPE ELECTRICAL UMA 3.5 / UMC 10-15

MAIN FEATURES

Electric actuators UM are intended for engine valves ¼ turn and ½ turn having an operating torque of 35 Nm and 150 Nm max. Compact construction with plastic housing, they are particularly suitable for the motorization of the ball valves and butterfly.

Operation 3 points.

MECHANICAL CHARACTERISTICS

Steel Reducer treated
Manual control by 8 square position indicator on the lid ISO platinum by the valve connection 5211 Star drive



ELECTRICAL SPECIFICATIONS

thermal torque limiter Electrical connection PE 2
adjustable limit switches 2 adjustable auxiliary
switches anti-condensate resistance optional

SERVICE FACTOR

Duration powered 30% max. 10 starts / hour max.

LIMITS OF USE

minimum outside temperature - 10 ° C maximum
external temperature + 50 ° C Protection IP 65

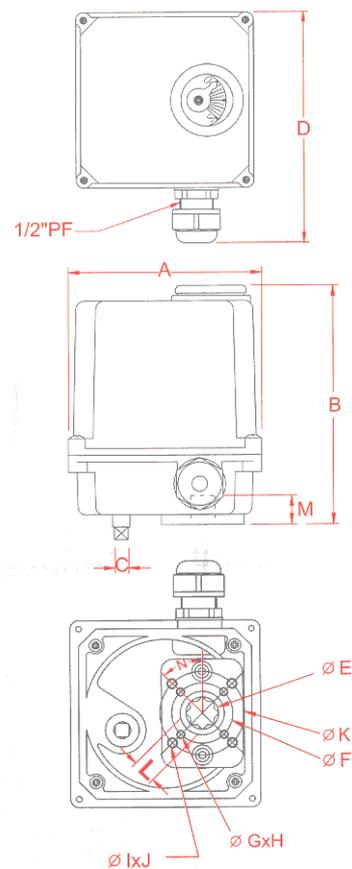
CONSTRUCTION

box	AA Nylon 66
box	Aluminum painted to UML3,5
hood	AA Nylon 66
Reducer	steel
Axis	chrome steel
cams	Steel

DIMENSIONS

Dimensions (mm)	AT	B	C	D	The	M
UMA 3.5	112	144	8	148	14	18.5
UMC 10-15	165	165	8	200	17	17.3

!!! 24V versions are higher than 26 mm for UMC 15 !!!

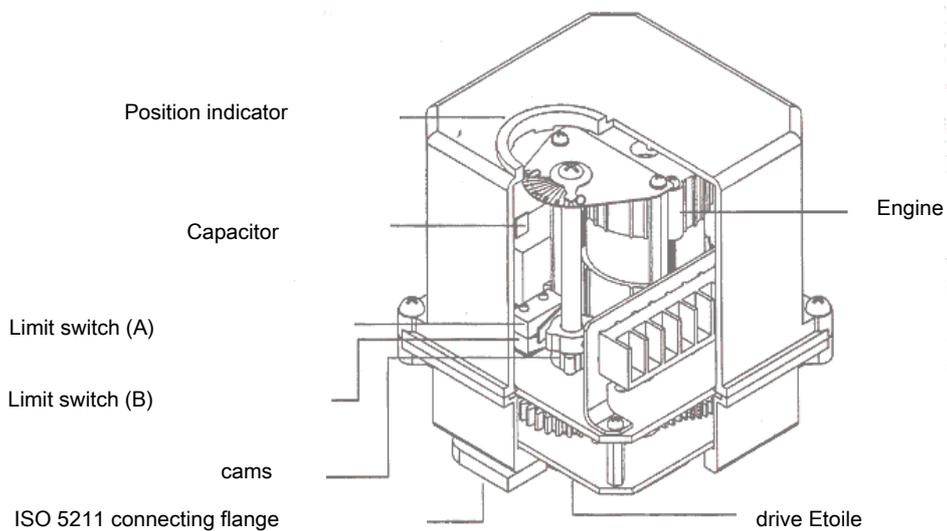


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ACTUATORS TYPE ELECTRICAL UMA 3.5 / UMC 10-15

OTHER FEATURES

Engine	Torque (Nm)	Voltage	Time (s)	Power (W)	ISO	Star (mm)
UMA 3.5	35	230 Vac	10	10	F03 / F05	14
	35	24 VAC	15	10	F03 / F05	14
	35	24VDC	15	10	F03 / F05	14
UMA 3.5 180 °	35	230 Vac	20	10	F03 / F05	14
UML 3.5	35	230 Vac	40	15	F03 / F05	14
UMC 10	100	230 Vac	8	18	F07	17
	150	230 Vac	8	18	F07	17
UMC 15	150	24 VAC	8	25	F07	17
	150	24VDC	8	25	F07	17
UMC 15L	150	230 Vac	45	18	F07	17



INSTALLATION, WIRING AND MAINTENANCE AND ADJUSTMENTS

See manual assembly and maintenance instructions No. IME 2206.

Information provided as an indication and subject to possible changes