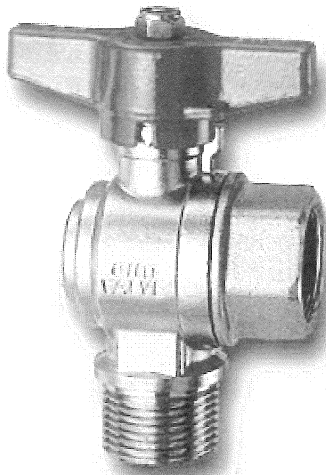


# valve cimberio

## CIM 236

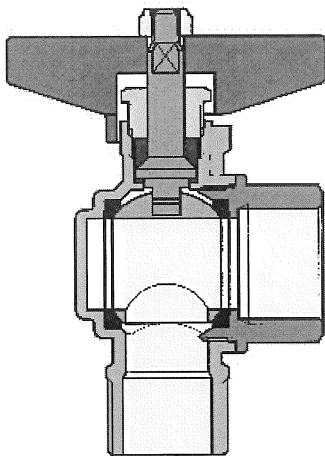
### RIGHT ANGLE FULLWAY BALL VALVE - TYPES T12 - MALE/FEMALE



#### SERVICE RECOMMENDATIONS:

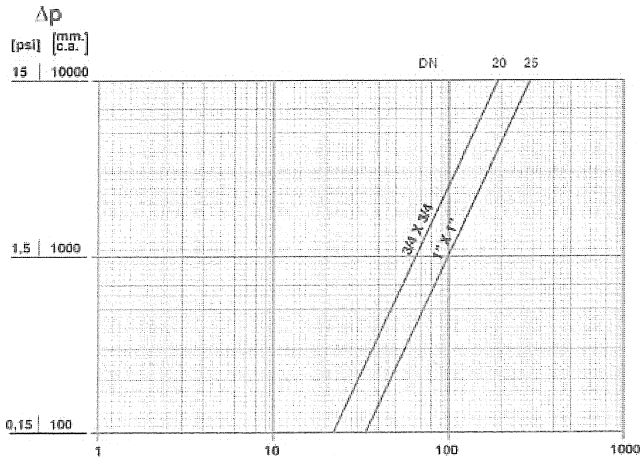
The CIM 236 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid.

#### CROSS SECTION

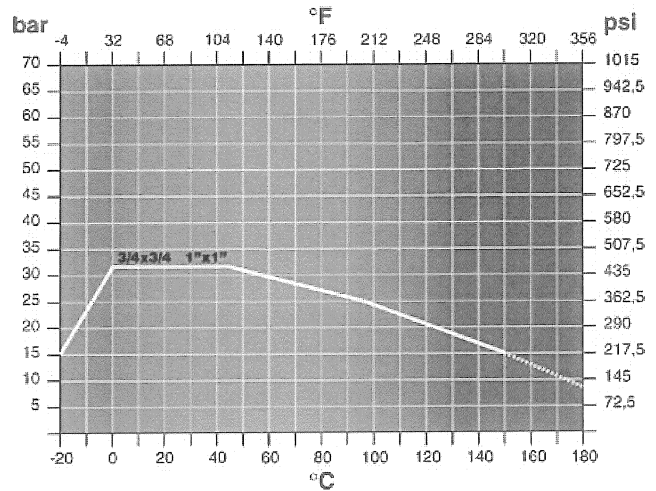


NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
CAP :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
STEM GASKETS :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL :	HOT FORGED BRASS EN12165 CW 617N
BODY :	HOT FORGED BRASS EN12165 CW 617N

## FLOW AND PRESSURE DROP



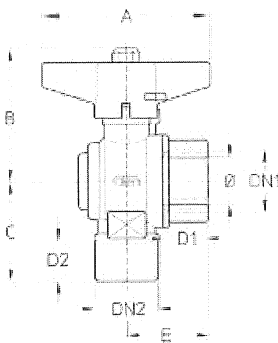
## PRESSURE TEMPERATURE RATINGS



Flow and pressure drop  
 1 l/min = 0,06 m<sup>3</sup>/h  
 1 m<sup>3</sup>/h = 16,67 l/min

Pressure / temperature ratings  
 1 bar = 14,5 p.s.i.  
 °C = 5/9 (°F-32)  
 °F = 32+9/5 °C

## TECHNICAL DRAWING



DN1 x DN2	3/4 x 3/4	1" x 1"
Ø mm.	20	25
Ø max.	390	535
A	70	70
B	58	60
C	42	48
D1	19	21
D2	17	18
E	34	41
DN1	31	40
DN2	27	38

Connection:  
 ISO 7 RP (Parallel)

On request:  
 ISO 7 RC (Taper)  
 ANSI B.1.20.1 (NPT)

## TECHNICAL CHARACTERISTICS

### KV CM CS MT

DN1 x DN2	3/4 x 3/4	1" x 1"
Ø mm.	20	25
KV	13	19
CM	5	6
CS	10	12
MT	24	24

KV = Capacity in m<sup>3</sup>/h at pressure drop of 1 bar

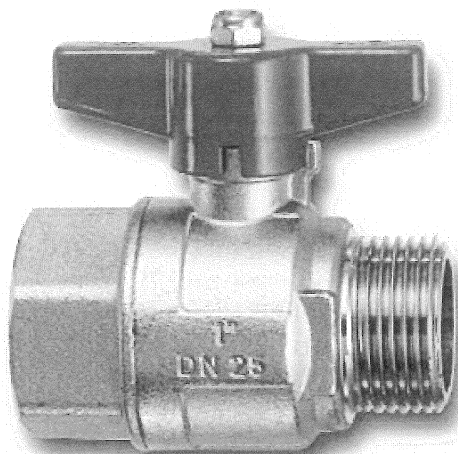
CM = Working torque in Nm.

CS = Starting torque in Nm.

MT = Maximum torque on the stem in Nm.

## CIM 301/12

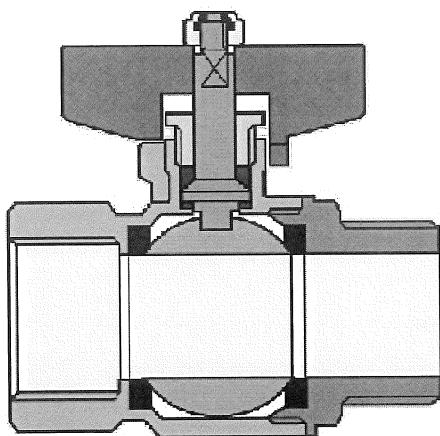
### FULLWAY BALL VALVE - TYPES T12 - BUTTERFLY ALLUMINIUM HANDLE



#### SERVICE RECOMMENDATIONS:

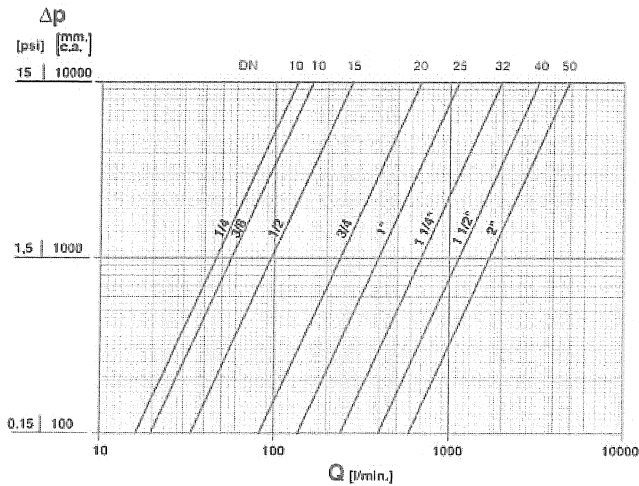
The CIM 301/12 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid.

#### CROSS SECTION



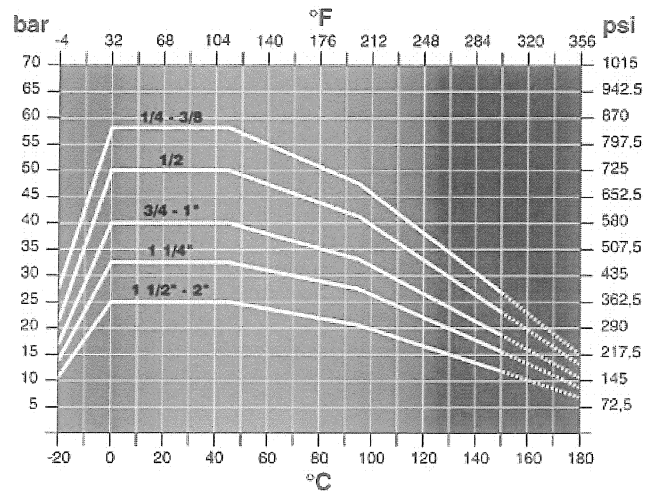
NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
CAP :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
STEM GASKETS :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL :	HOT FORGED BRASS EN12165 CW 617N
BODY :	HOT FORGED BRASS EN12165 CW 617N

## FLOW AND PRESSURE DROP



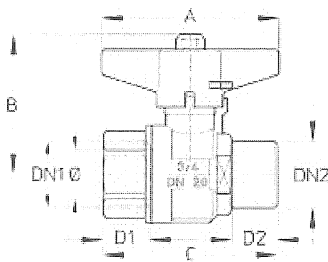
Flow and pressure drop  
 1 l/min = 0,06 m<sup>3</sup>/h  
 1 m<sup>3</sup>/h = 16,67 l/min

## PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings  
 1 bar = 14,5 p.s.i.  
 $^{\circ}\text{C} = 5/9 ( ^{\circ}\text{F}-32)$   
 $^{\circ}\text{F} = 32+9/5 ^{\circ}\text{C}$

## TECHNICAL DRAWING



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
Grms.	110	110	210	340	545	870	1225	1915
A	45	45	50	70	70	85	100	100
B	39	39	52	59	63	73	89	91
C	46	47	60	69	80	92	106	124
D1	11,5	12,5	17	18,5	21	22,5	23	26,5
D2	12,5	12,5	16,5	18	18,5	22	23	26
CH1	18	20	28	31	40	49	55	69
CH2	20	20	24	32	40	47	55	69

Connection:  
 ISO 7 RP (Parallel)

On request:  
 ISO 7 RC (Taper)  
 ANSI B.1.20.1 (NPT)

## TECHNICAL CHARACTERISTICS

	KV CM CS MT							
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
KV	8	10	17	41	68	123	198	290
CM	1	1	3	5	6	7	10	13
CS	2	2	6	10	12	14	20	26
MT	10	10	10	24	24	45	90	90

KV = Capacity in m<sup>3</sup>/h at pressure drop of 1 bar

CM = Working torque in Nm.

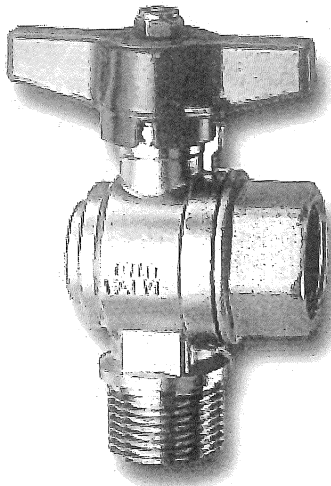
CS = Starting torque in Nm.

MT = Maximum torque on the stem in Nm.

# valve cimberio

## CIM 236

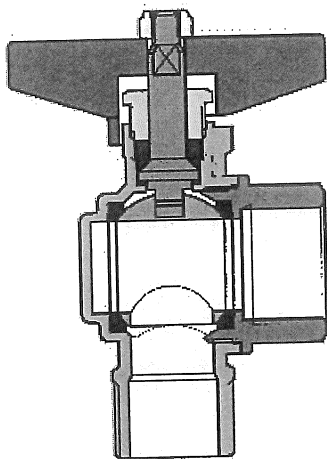
### RIGHT ANGLE FULLWAY BALL VALVE - TYPES T12 - MALE/FEMALE



#### SERVICE RECOMMENDATIONS:

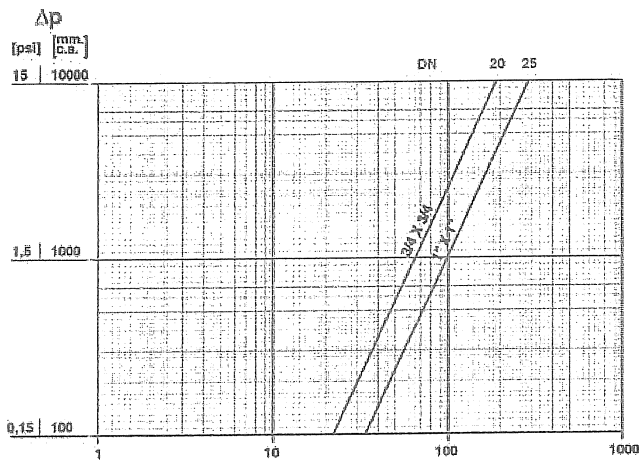
The CIM 236 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid.

#### CROSS SECTION



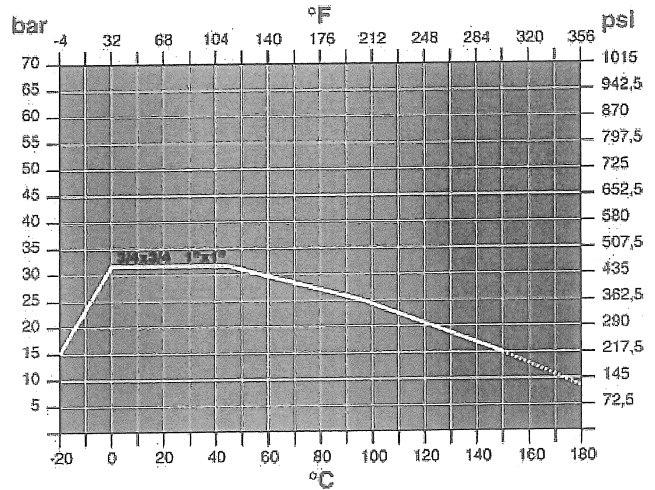
NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
CAP :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
STEM GASKETS :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL :	HOT FORGED BRASS EN12165 CW 617N
BODY :	HOT FORGED BRASS EN12165 CW 617N

## FLOW AND PRESSURE DROP



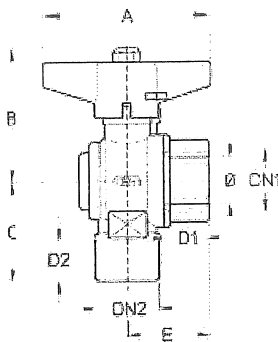
Flow and pressure drop  
 1 l/min = 0,06 m<sup>3</sup>/h  
 1 m<sup>3</sup>/h = 16,67 l/min

## PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings  
 1 bar = 14,5 p.s.i.  
 °C = 5/9 ( °F-32)  
 °F = 32+9/5 °C

## TECHNICAL DRAWING



DN1 x DN2	3/4 x 3/4	1" x 1"
Ø mm.	20	25
Ø mm.	390	599
A	70	70
B	58	60
Ø	42	48
D1	19	21
D2	17	18
E	54	41
ØN1	31	40
ØN2	27	33

Connection:  
 ISO 7 RP (Parallel)

On request:  
 ISO 7 RC (Taper)  
 ANSI B.1.20.1 (NPT)

## TECHNICAL CHARACTERISTICS

### KV CM GS MT

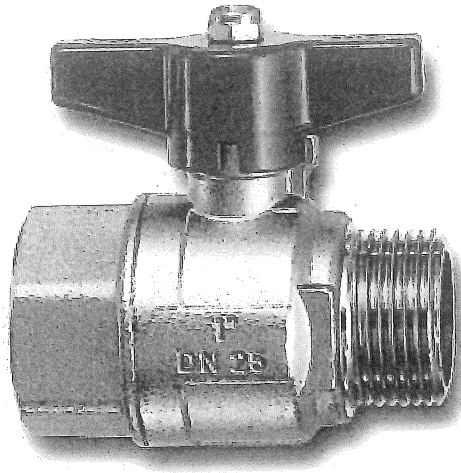
DN1 x DN2	3/4 x 3/4	1" x 1"
Ø mm.	20	25
KV	13	19
CM	5	6
GS	10	12
MT	24	24

KV = Capacity in m<sup>3</sup>/h at pressure drop of 1 bar  
 CM = Working torque in Nm.  
 GS = Starting torque in Nm.  
 MT = Maximum torque on the stem in Nm.

# valve cimberio

## CIM 301/12

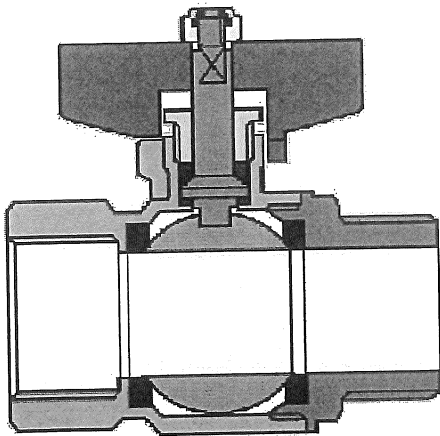
### FULLWAY BALL VALVE - TYPES T12 - BUTTERFLY ALLUMINIUM HANDLE



#### SERVICE RECOMMENDATIONS:

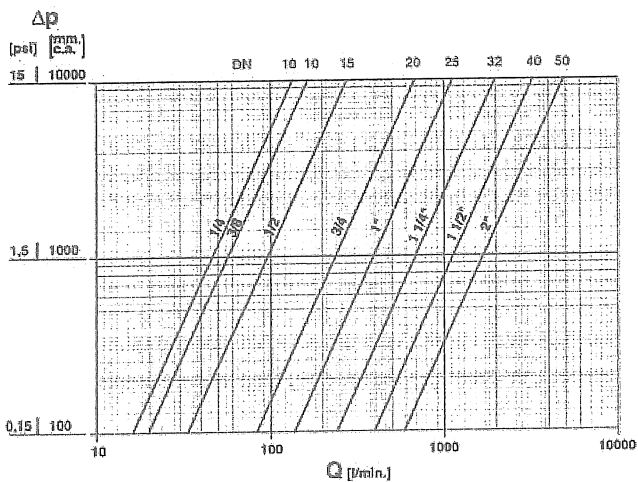
The CIM 301/12 ball valve is manufactured in accordance with EN29000 - ISO9000 and can be used for: domestic and commercial plumbing, industrial applications, agricultural requirements and heating, sanitary, pneumatic systems, waterworks, oil pipelines, oil, gasoline networks, saturated steam or high temperature, hot water services, condensate lines and is suitable for petrol and other hydrocarbon services, generally with every non aggressive fluid.

#### CROSS SECTION



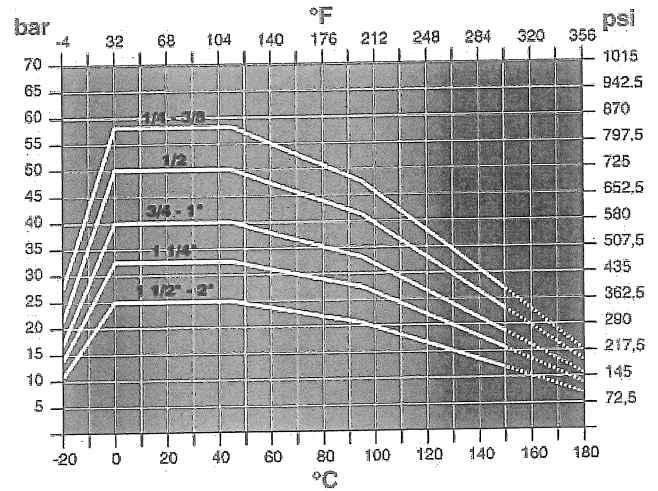
NUT :	SELF LOCKING TYPE
HANDLE :	ALLUMINIUM ALLOY AL-SI 12
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
CAP :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
STEM GASKETS :	P.T.F.E.
STEM GASKETS :	P.T.F.E.
SCREWED ENDS :	HOT FORGED BRASS EN12165 CW 617N
BALL GASKETS :	P.T.F.E.
BALL :	HOT FORGED BRASS EN12165 CW 617N
BODY :	HOT FORGED BRASS EN12165 CW 617N

## FLOW AND PRESSURE DROP



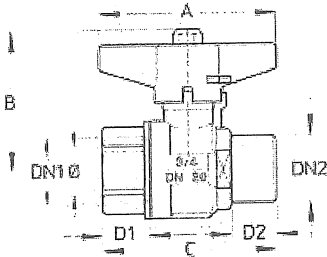
Flow and pressure drop  
 1 l/min = 0,06 m<sup>3</sup>/h  
 1 m<sup>3</sup>/h = 16,67 l/min

## PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings  
 1 bar = 14,5 p.s.i.  
 $^{\circ}\text{C} = 5/9 ( ^{\circ}\text{F} - 32)$   
 $^{\circ}\text{F} = 32 + 9/5 ^{\circ}\text{C}$

## TECHNICAL DRAWING



DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
Grama.	110	110	210	340	545	870	1225	1915
A	43	45	50	70	70	85	100	100
B	30	30	32	40	40	73	59	66
C	46	47	60	69	60	82	108	124
D1	11,5	12,5	17	18,5	21	22,5	23	28,5
D2	12,5	12,5	16,5	18	18,5	22	25	26
CH1	18	20	28	31	40	48	58	69
CH2	20	20	24	32	40	47	55	69

Connection:  
 ISO 7 RP (Parallel)

On request:  
 ISO 7 RC (Taper)  
 ANSI B.1.20.1 (NPT)

## TECHNICAL CHARACTERISTICS

	KV		CM		CS		MT	
DN	1/4	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Ø mm.	10	10	15	20	25	32	40	50
KV	8	10	17	41	68	123	198	290
CM	1	1	3	6	6	7	10	13
CS	2	2	6	10	12	14	20	26
MT	10	10	10	24	24	45	90	90

KV = Capacity in m<sup>3</sup>/h at pressure drop of 1 bar  
 CM = Working torque in Nm.  
 CS = Starting torque in Nm.  
 MT = Maximum torque on the stem in Nm.