

AT THE HEART  
OF PERFECT FLOW



[www.yantransh.com](http://www.yantransh.com)



**YANTRANSH**  
Brass & Plastic Ceramic Cartridge

Manufacture by

**Yantransh Valves Pvt. Ltd.**

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## WHO WE ARE

BECAUSE PERFECTION IS A MARATHON. NOT A SPRINT.

They say, all achievements have their beginning in an idea. Our idea of progress germinated from an innocuous observation of the world around us. We realized that to have a great brand of CP fittings or bath accessories, one has to take care of its heart – the Disc Cartridge!

We embarked on a mission to provide a smarter and simplified solution to industry problems with our committed endeavors and passion for perfection. As a result, we mastered the art of making the best in category Disc Cartridges and for the past many years we have been the frontrunners in providing the widest range of every specification.

At Yantransh, we believe in breaking the old barriers while setting new milestones of industrial excellence, business ethics and professional achievements.



### EYES ON THE TARGET

Become the most preferred partner in progress by the industry majors and retaining the leadership position with continuous improvements in not just our infrastructure but the entire business cycle. In order to achieve this, we shall be open-minded to every chance to learn and get better, implement best business practices to increase productivity, professionalism and perfection at every level.



### ON THE PATH TO PURPOSE

Our corporate mission is to explore new avenues of growth by converging our strengths, multiplying our resources and knowledge to produce a brighter future for the company and its stakeholders, employees, associates and above all – our valued clientele.



# CONTENT



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EASY TURN



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## WORK FLOW

RAW MATERIAL



IQC



RAW MATERIAL STORAGE



CUTTING



FORGING



SEMI FINISH



FINISH

IQC



ASSEMBLY PROCESSING



AIR TESTING



WATER TESTING



PACKAGE



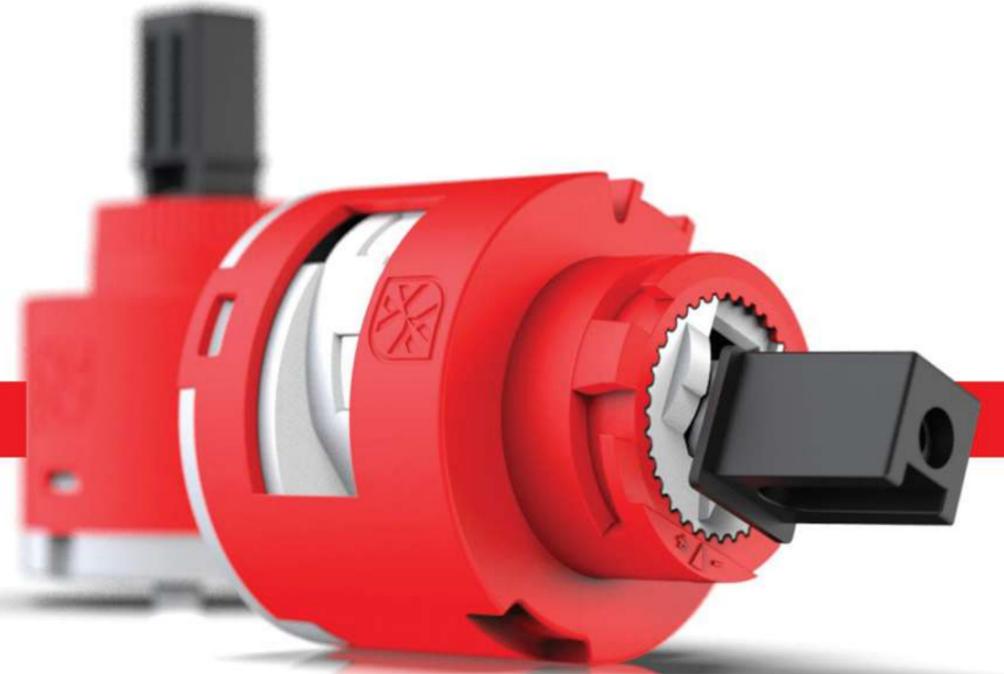
PRODUCTS STORAGE



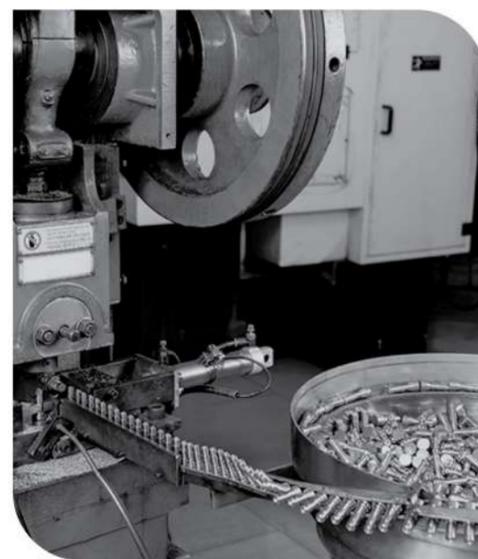
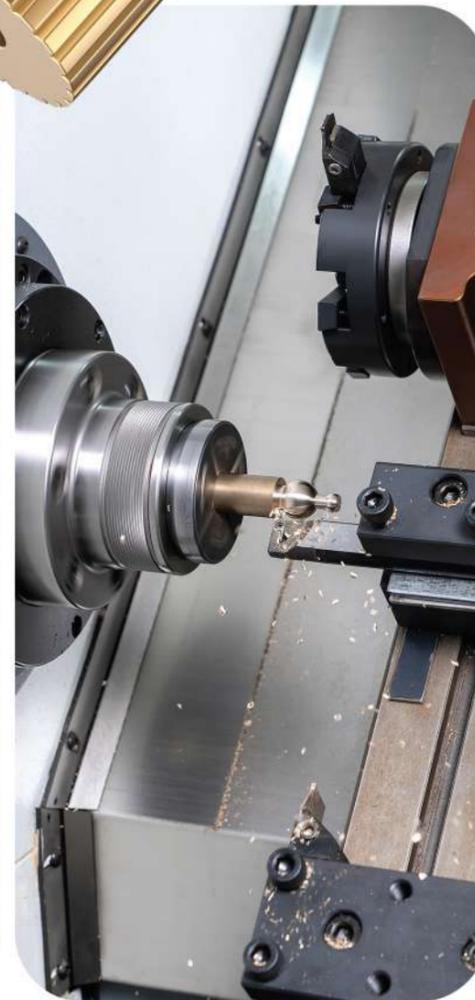
PRODUCTS DELIVER



# INFRASTRUCTURE



INFRASTRUCTURE





# INTERMIX



Effortless Control  
with Button Valve!

## YV35041057

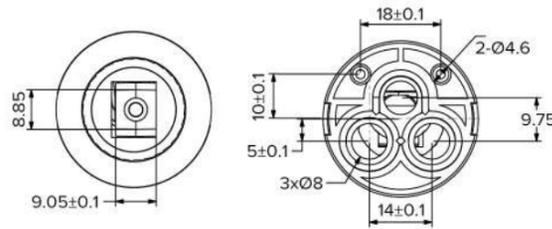
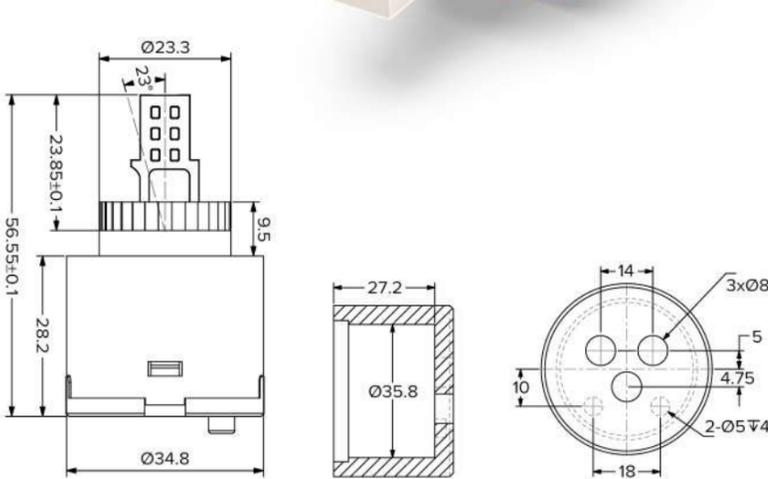
35 mm Mix Flatebase



### Technical Details

#### Burst Test :

- Maax. Turning angle : 100°
- Temperature : 4-90°C
- Max. Operating Angle : 23°
- Gland Nut Torque : 6-8N.m
- Lever Break Torque : ≥6-8 N.m
- Life Test : Min.1,00,000 Cycles
- Static water pressure at max 25 kg/cm<sup>2</sup>, No deformation found on the cartridge.

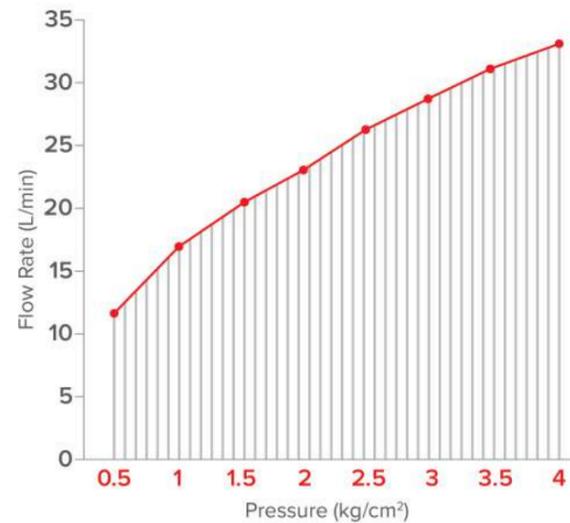


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	11.6
1	17.0
1.5	20.6
2	23.5
2.5	26.4
3	29.0
3.5	31.3
4	33.5



## YV35048070

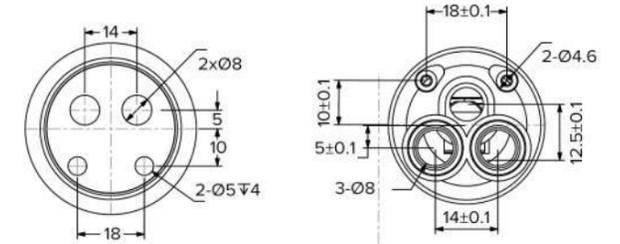
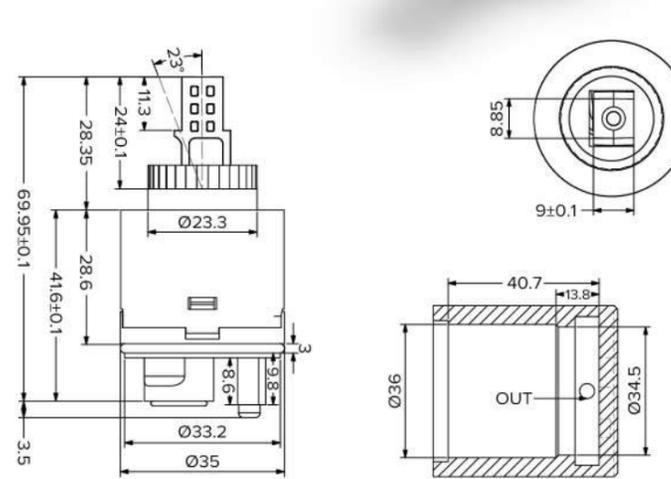
35 mm Mix Extended



### Technical Details

#### Burst Test :

- Maax. Turning angle : 100°
- Temperature : 4-90°C
- Max. Operating Angle : 23°
- Gland Nut Torque : 6-8N.m
- Lever Break Torque : ≥6-8 N.m
- Life Test : Min.1,00,000 Cycles
- Static water pressure at max 25 kg/cm<sup>2</sup>, No deformation found on the cartridge.

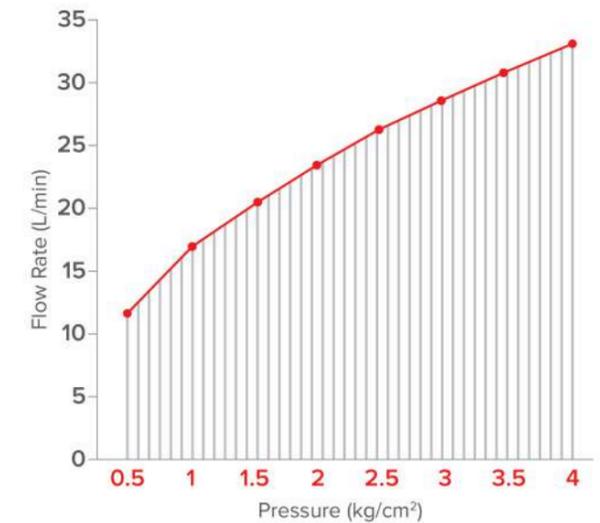


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	11.7
1	16.5
1.5	20.4
2	23.5
2.5	26.1
3	28.7
3.5	31
4	33



## YV35048070

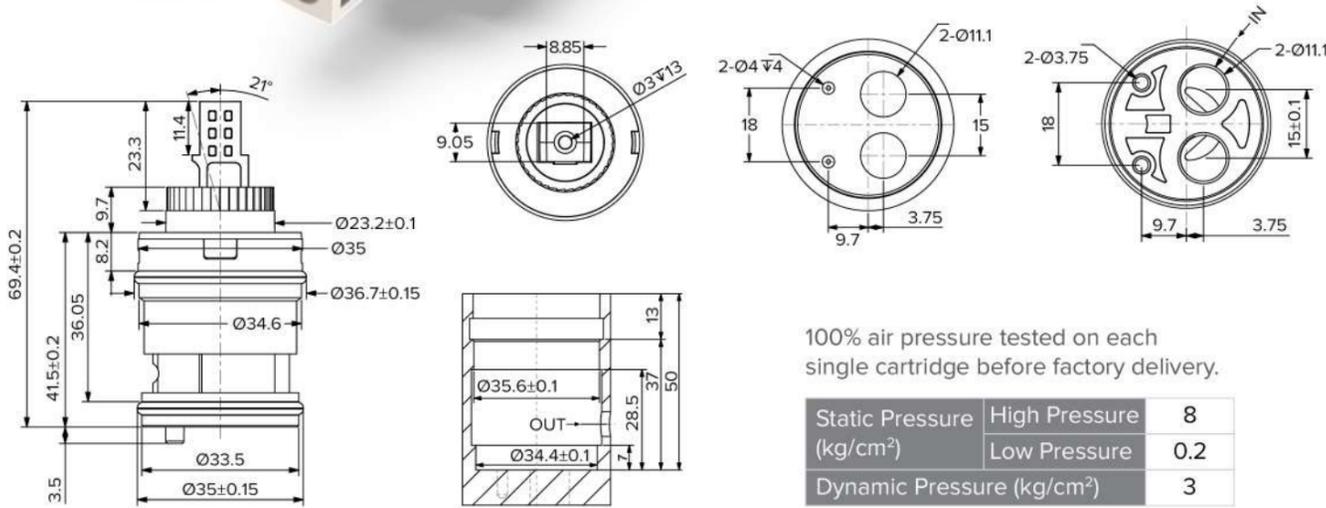
35 mm Mix Extended



### Technical Details

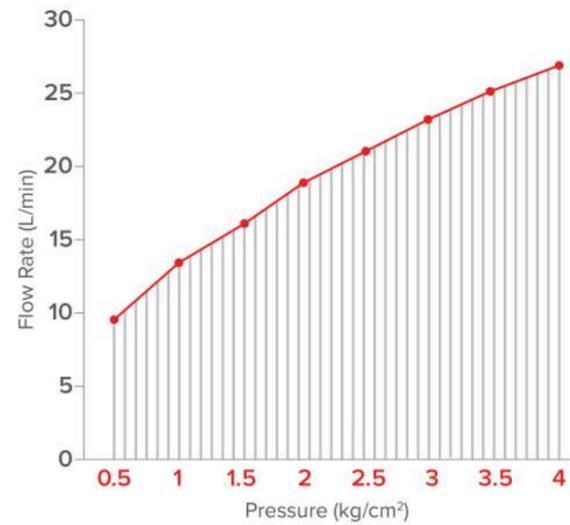
#### Burst Test :

- Maax. Turning angle : 100°
- Temperature : 4-90°C
- Max. Operating Angle : 21°
- Gland Nut Torque : 6-8N.m
- Lever Break Torque : ≥6-8 N.m
- Life Test : Min.1,00,000 Cycles
- Static water pressure at max 25 kg/cm<sup>2</sup>, No deformation found on the cartridge.



### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.6
1	13.6
1.5	16.3
2	19
2.5	21.1
3	23.3
3.5	25.2
4	26.9



## YV35041057

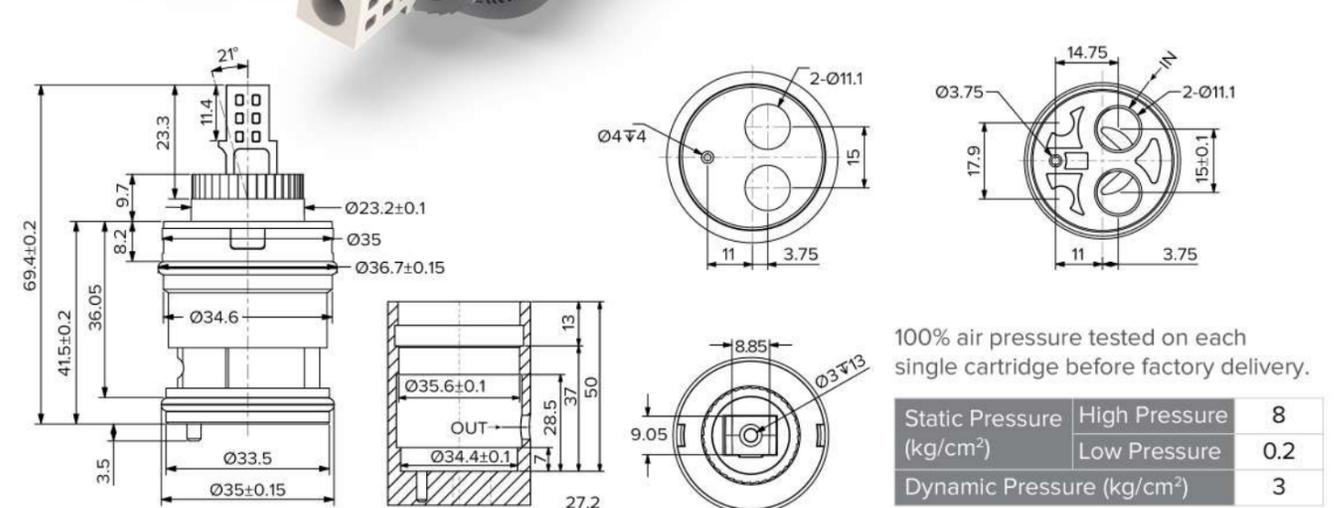
35 mm Mix Flatebase



### Technical Details

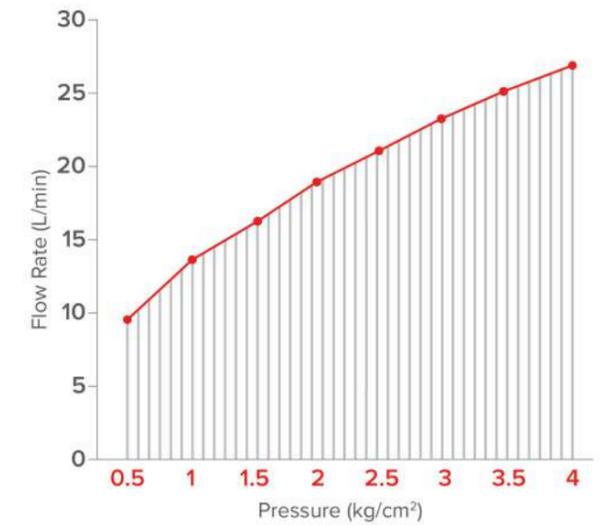
#### Burst Test :

- Maax. Turning angle : 100°
- Temperature : 4-90°C
- Max. Operating Angle : 21°
- Gland Nut Torque : 6-8N.m
- Lever Break Torque : ≥6-8 N.m
- Life Test : Min.1,00,000 Cycles
- Static water pressure at max 25 kg/cm<sup>2</sup>, No deformation found on the cartridge.



### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.6
1	13.6
1.5	16.3
2	19.0
2.5	21.1
3	23.3
3.5	25.2
4	26.9



## YV40054062

40mm Plastic Single Lever Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

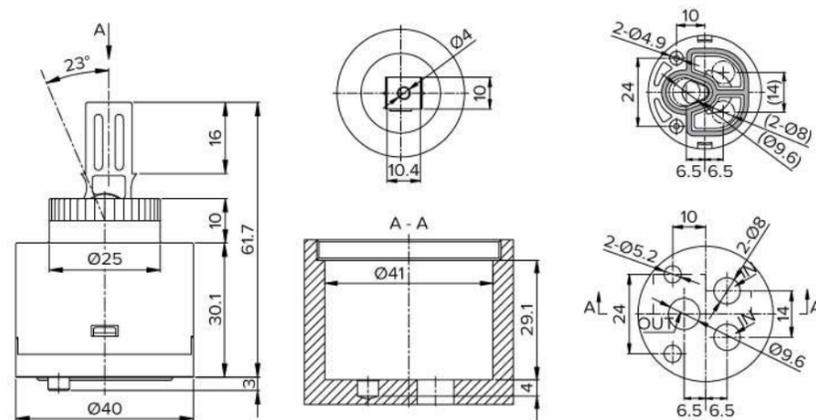
Temperature : 4-90° C

Max. Opening Angle : 23°

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

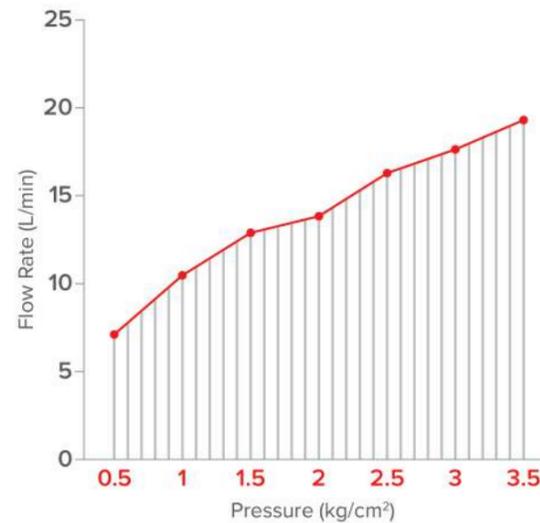


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.9
1	11.2
1.5	13.7
2	16.1
2.5	18.1
3	19.9
3.5	21.1



## YV40054063

40mm Plastic Single Lever Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Mixing Angle : 100°

Temperature : 4-90° C

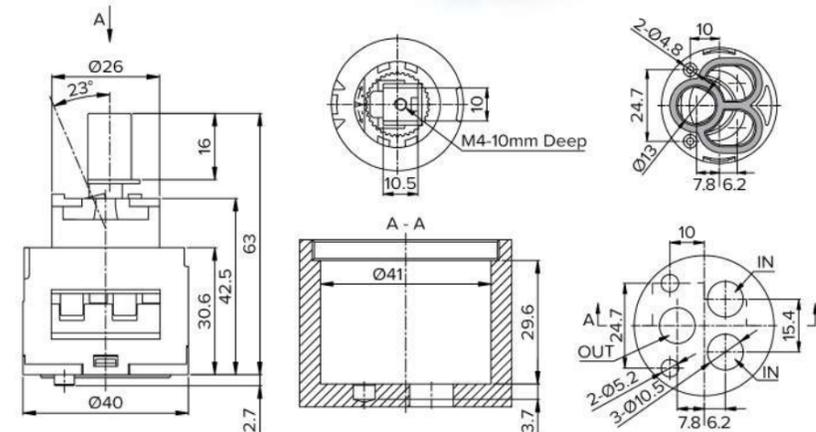
Max. Opening Angle : 23°

Opening Torque Force : 0.3-0.4 N.m

Locking Torque Force : 10-12 N.m

Lever Break Torque : ≥11 N.m

Life Test : Min. 70,000 Cycles

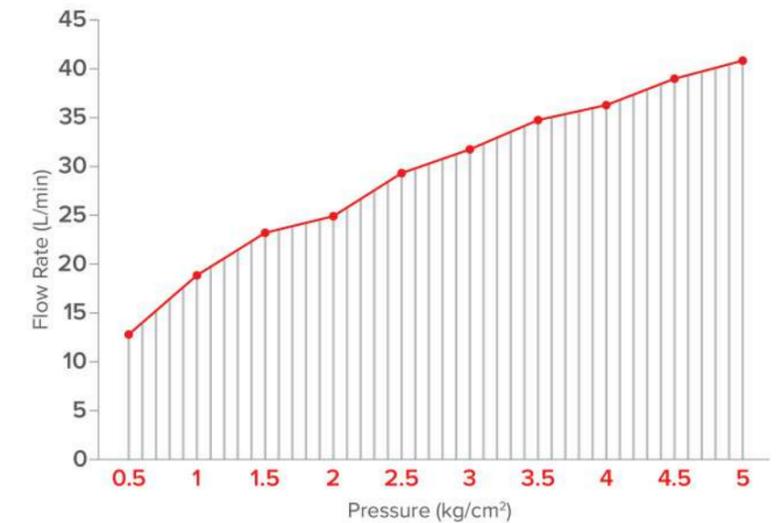


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	13.2
1	18.5
1.5	22.5
2	26.1
2.5	29.1
3	33.2
3.5	34.8
4	37
4.5	39.2
5	41.1



## YV45136080

45mm Regular Plastic Single Lever Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Mixing Angle : 110°

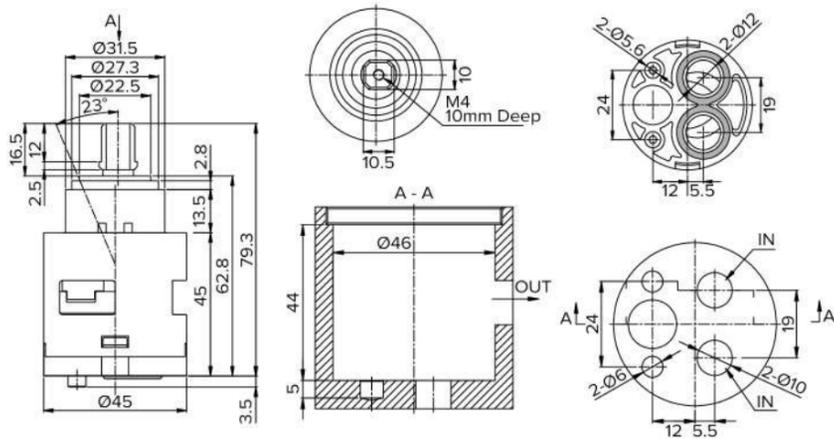
Temperature : 4-90° C

Max. Opening Angle : 23°

Locking Torque Force : 10-12 N.m

Lever Break Torque: ≥11 N.m.

Life Test : Min. 70,000 Cycles

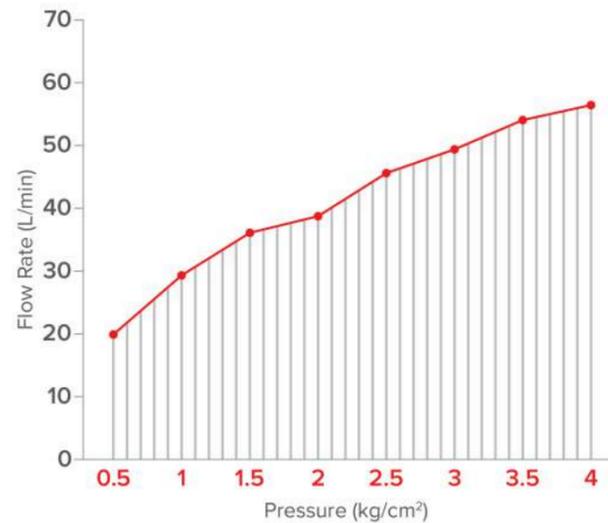


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	22.8
1	31.9
1.5	39.1
2	44.5
2.5	49.7
3	54.2
3.5	58.4
4	62.7



## YV45136085

45mm Regular Plastic Single Lever Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Mixing Angle : 110°

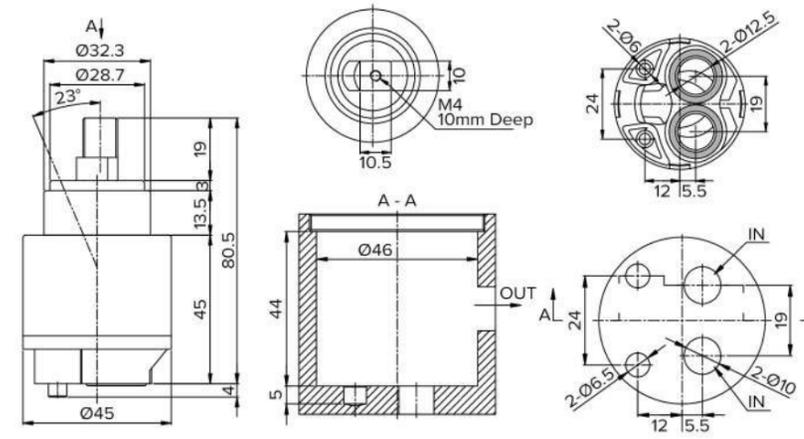
Temperature : 4-90° C

Max. Opening Angle : 23°

Locking Torque Force : 10-12 N.m

Lever Break Torque: ≥11 N.m.

Life Test : Min. 70,000 Cycles

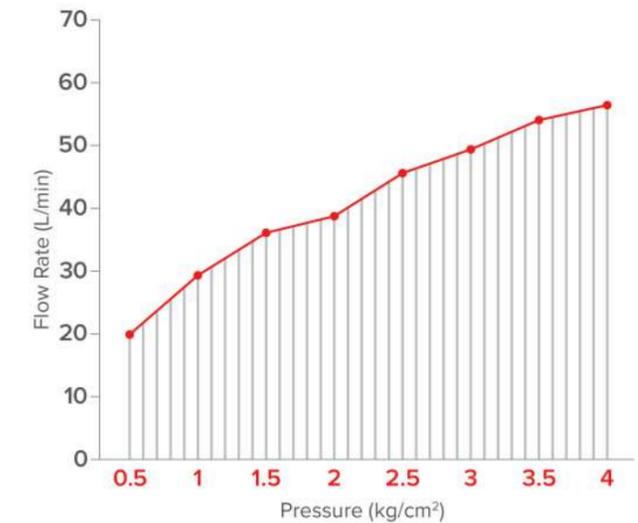


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	22.9
1	32
1.5	39.1
2	44.8
2.5	49.9
3	54.8
3.5	58.8
4	62.5





EASY  
TURN



Superior Components  
for Sanitary Innovations

## YV08040047

1/2" Quarter Turn Brass Cartridge  
With 7.7 mm Knurling



### Technical Details

#### Burst Test :

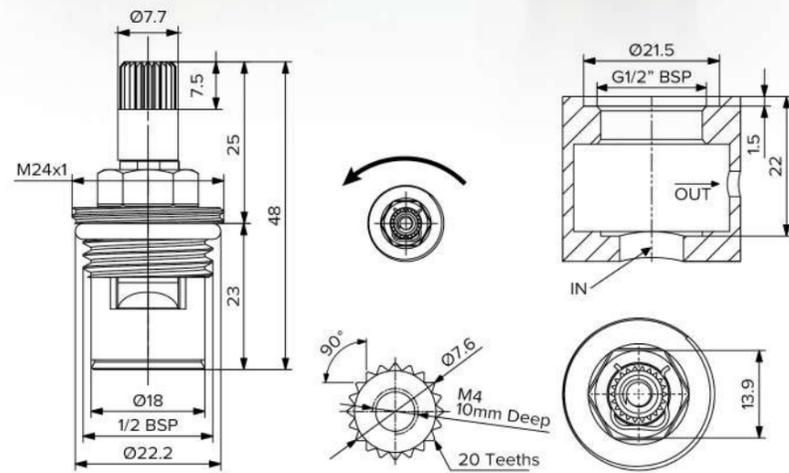
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

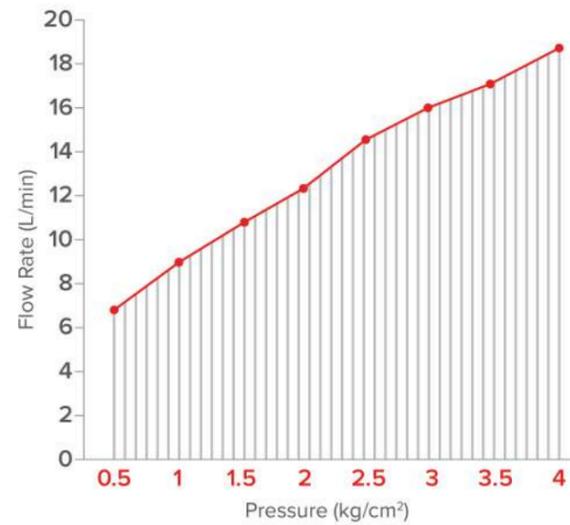


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.8
1	9
1.5	10.8
2	12.1
2.5	14.4
3	16
3.5	17.6
4	18.6



## YV08040048

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

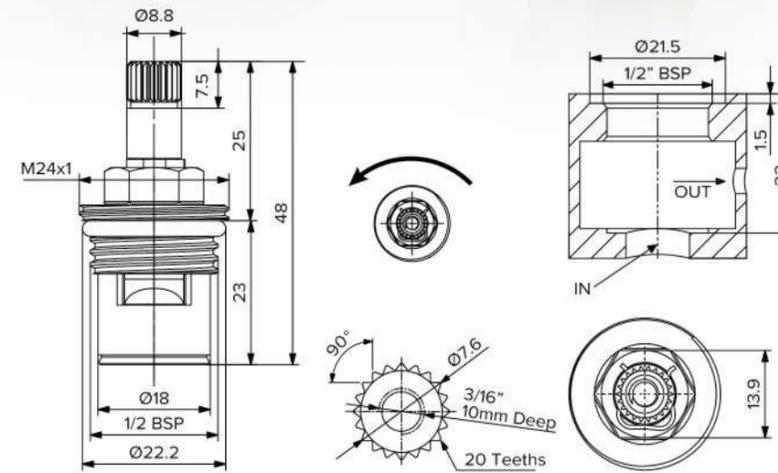
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

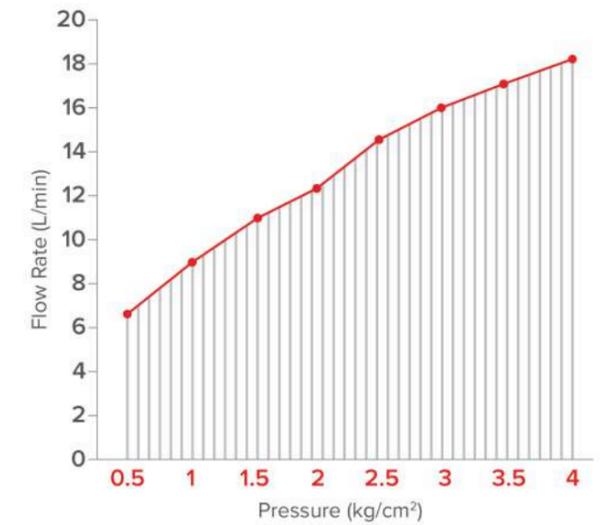


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.7
1	8.8
1.5	11
2	12.2
2.5	14.3
3	16
3.5	17.1
4	18.2



## YV08053051

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

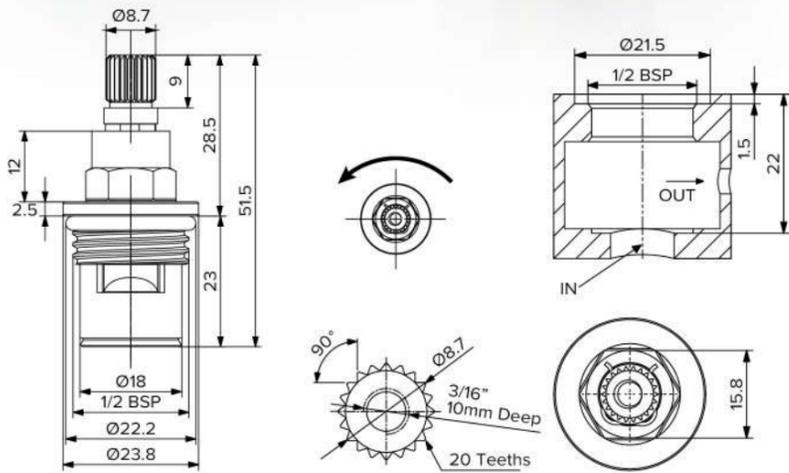
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

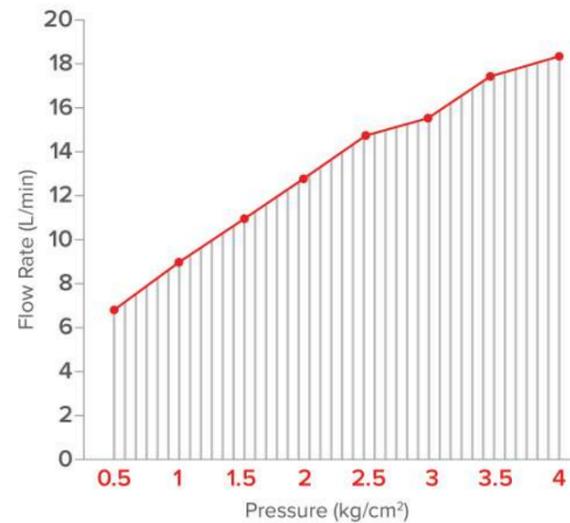


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.9
1	8.7
1.5	11.2
2	12.4
2.5	14.6
3	15.8
3.5	17.5
4	18.2



## YV08056050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

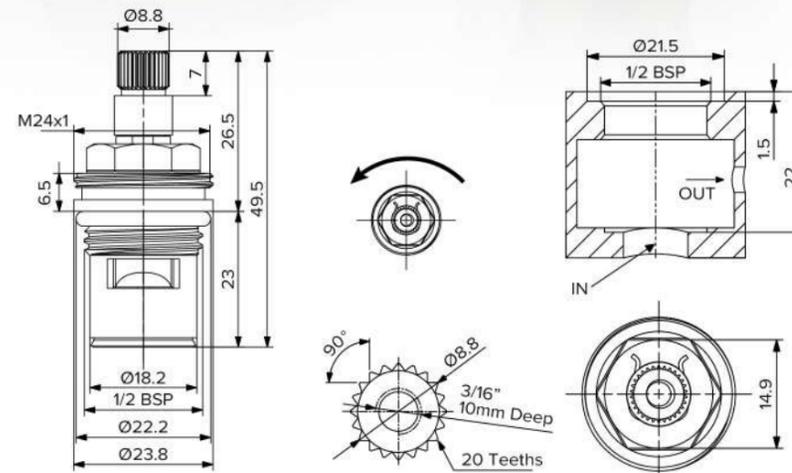
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

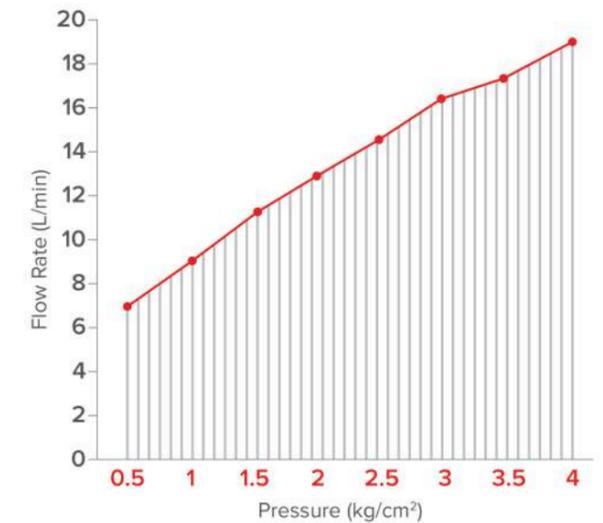


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	9.1
1.5	11.4
2	12.8
2.5	14.2
3	16.2
3.5	17.4
4	18.8



## YV08061050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

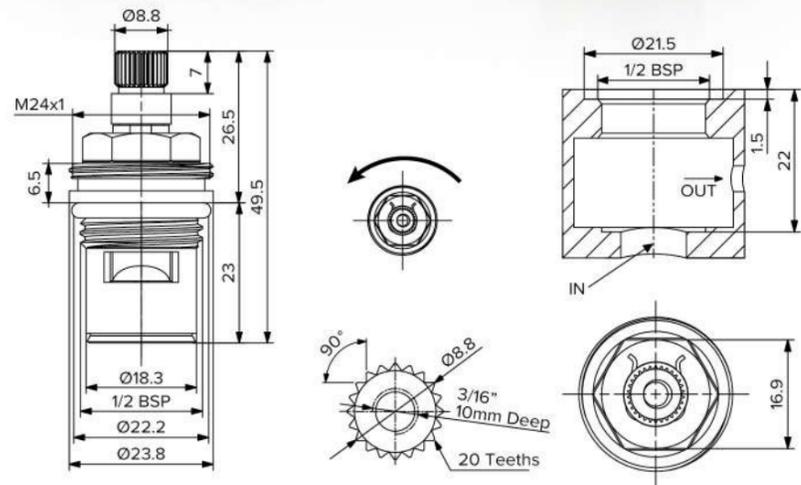
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

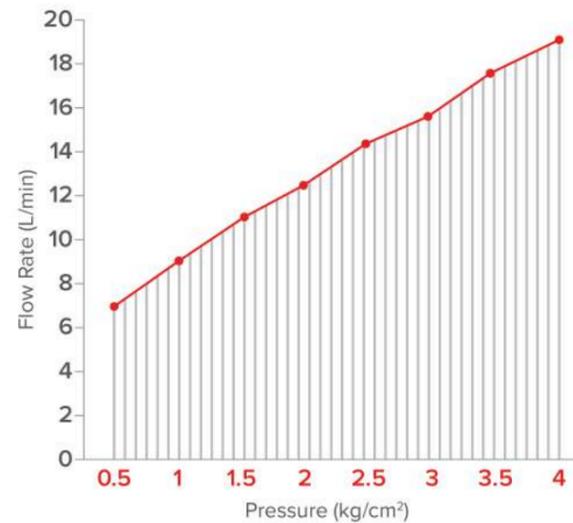


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	8.8
1.5	11
2	12.2
2.5	14.1
3	15.7
3.5	17.7
4	18.9



## YV08070052

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

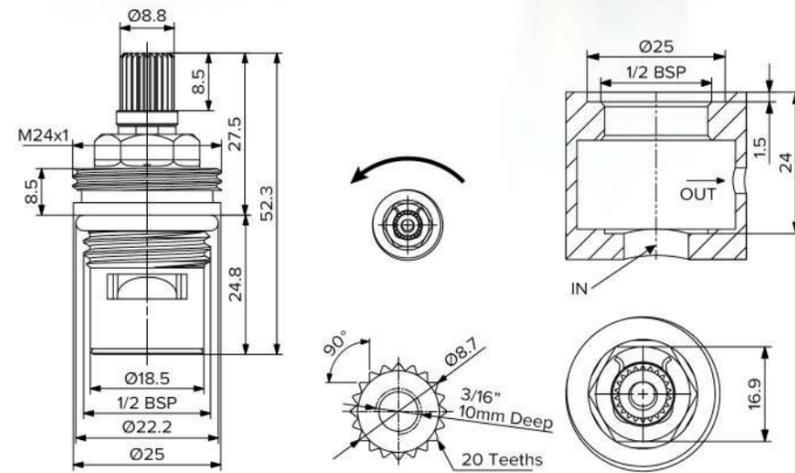
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

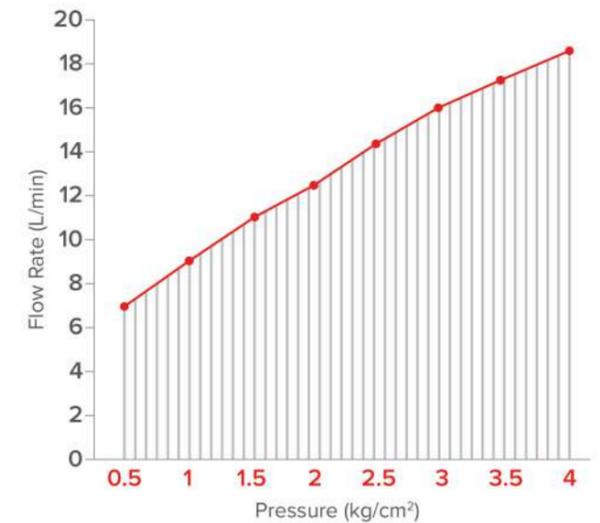


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	8.8
1.5	11.2
2	12.3
2.5	14.1
3	16
3.5	17.2
4	18.5



## YV08087105

1/2" Quarter Turn Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

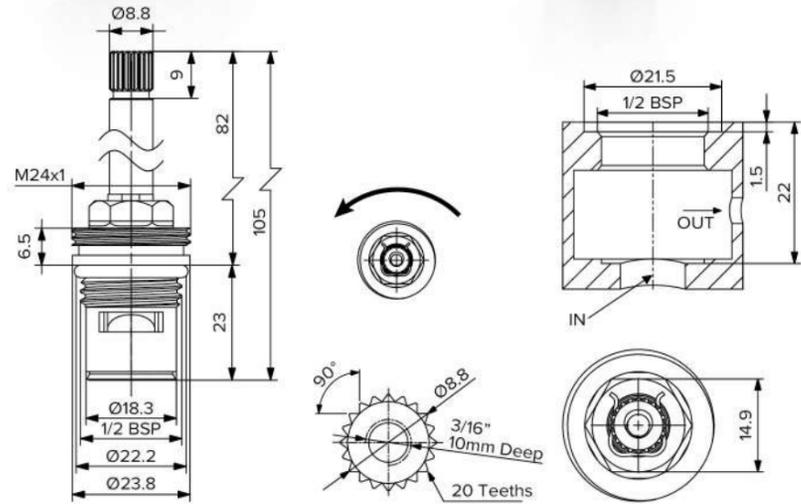
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

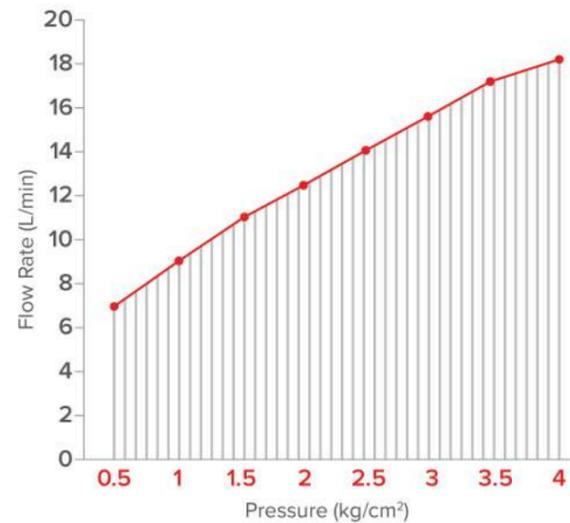


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	8.9
1.5	11.1
2	12.2
2.5	14
3	15.7
3.5	17.1
4	18.1



## YV08086100

1/2" Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

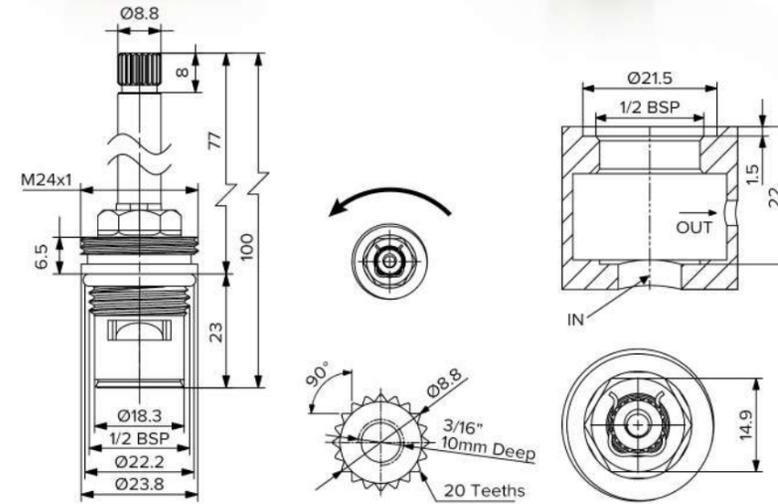
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

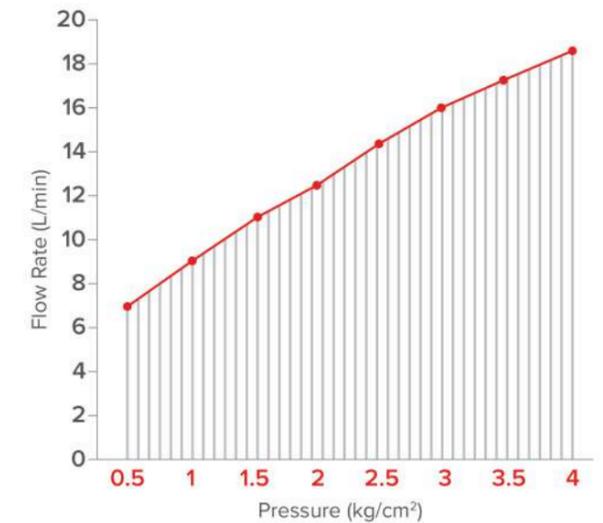


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.1
1	9.2
1.5	11.1
2	12.8
2.5	14.1
3	16.2
3.5	17.8
4	18.9



## YV08084097

1/2" Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

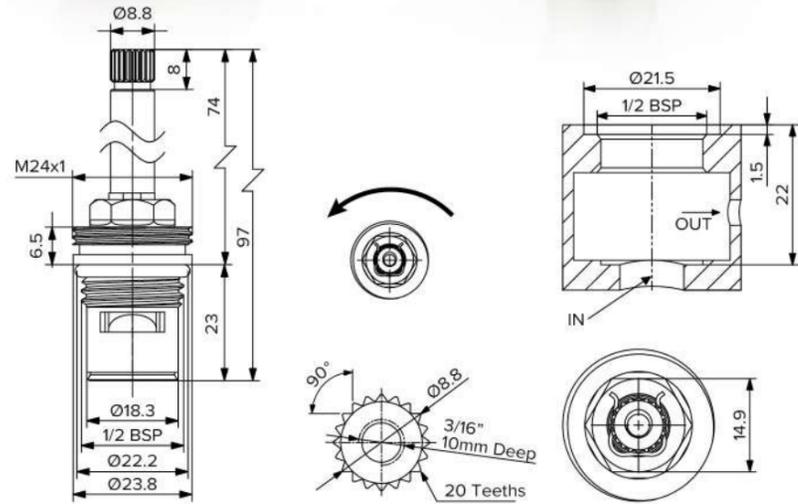
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

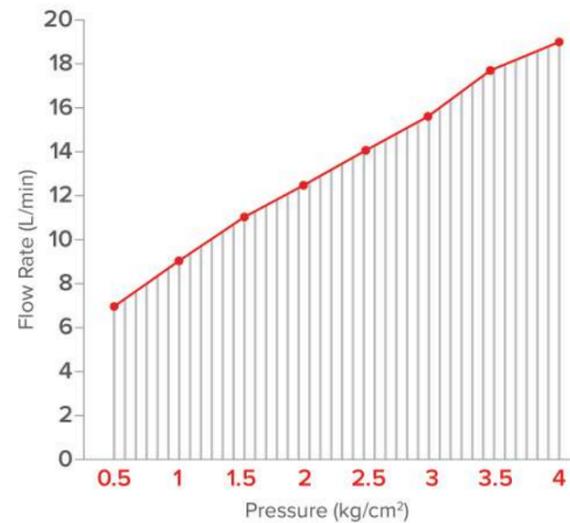


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	9.1
1.5	11.4
2	12.8
2.5	14.1
3	15.8
3.5	17.9
4	19



## YV08053053

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

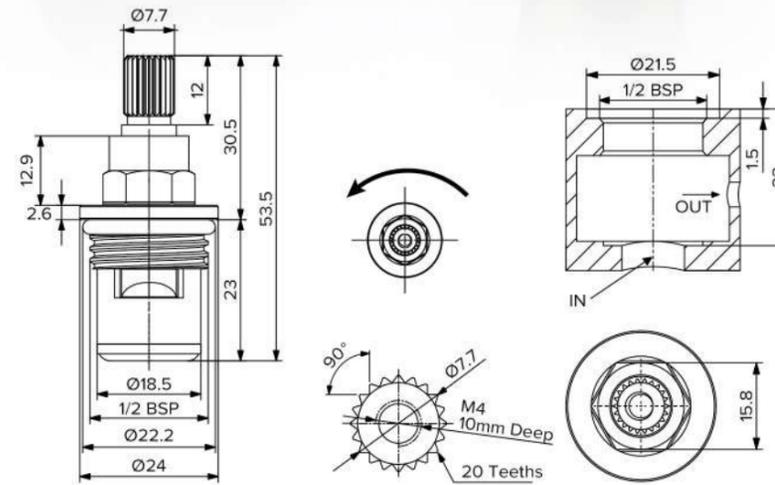
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

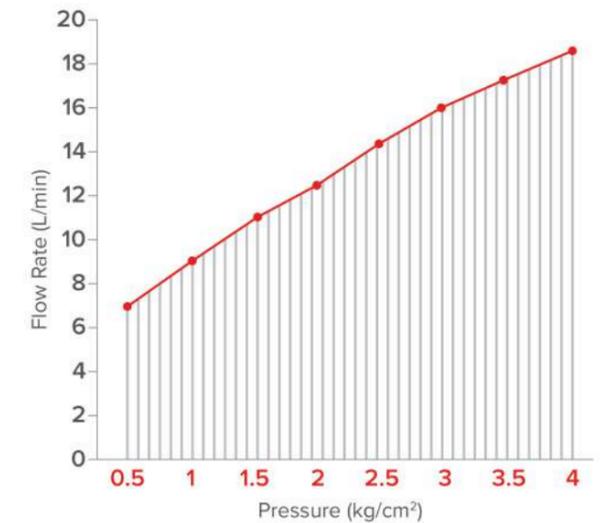


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	8.9
1.5	10.6
2	12.1
2.5	14.2
3	16.2
3.5	17.4
4	18.5



## YV08065053

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

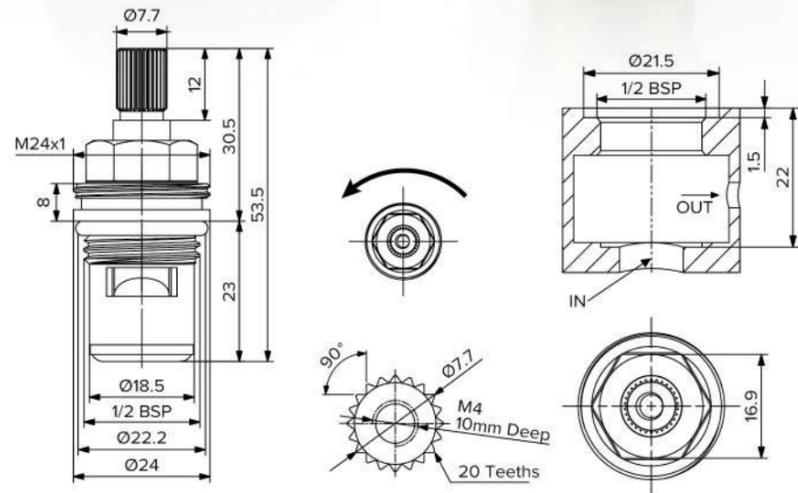
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

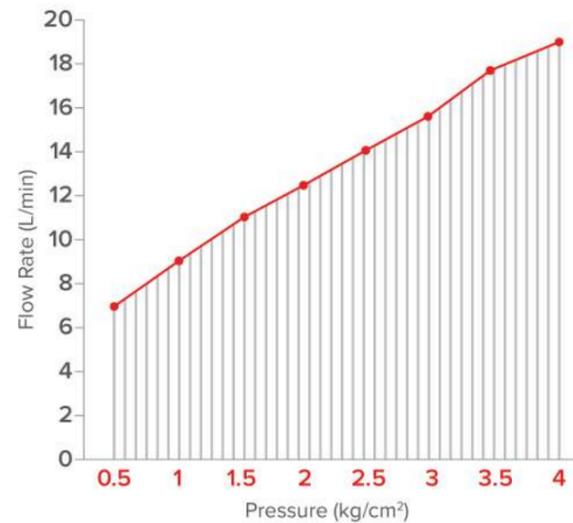


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.1
1	9.2
1.5	11.2
2	12.4
2.5	14.6
3	16.5
3.5	17.2
4	18.9



## YV12115109

3/4" Brass Concealed  
Cartridge



### Technical Details

#### Burst Test :

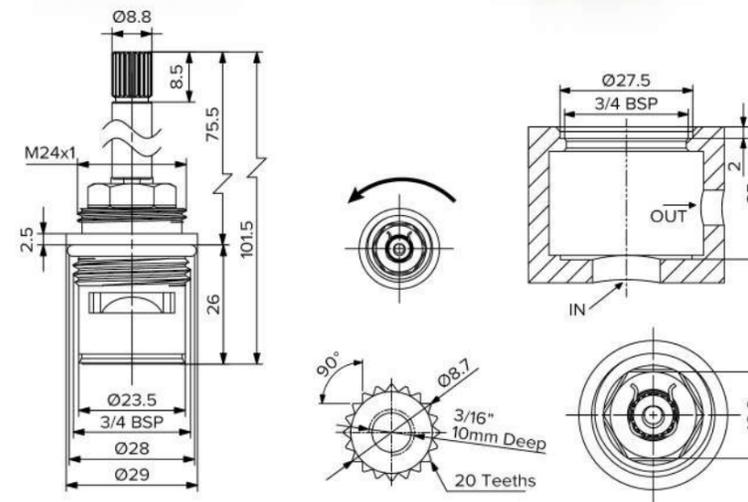
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

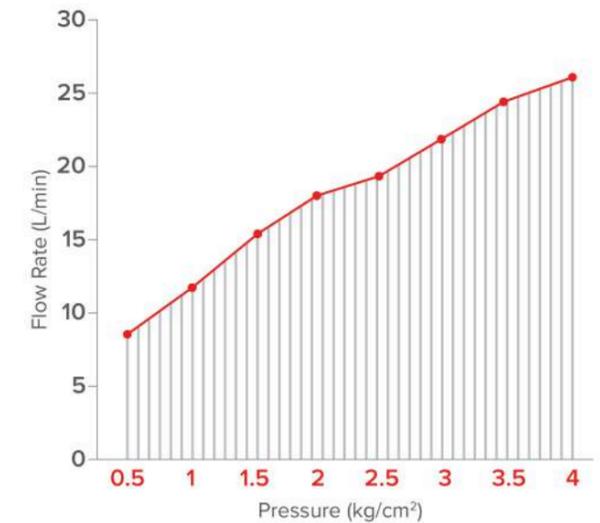


100% air pressure tested on each  
single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	8.9
1	12.2
1.5	15.2
2	17.4
2.5	19.3
3	22
3.5	24.4
4	26



## YV12085053

3/4" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

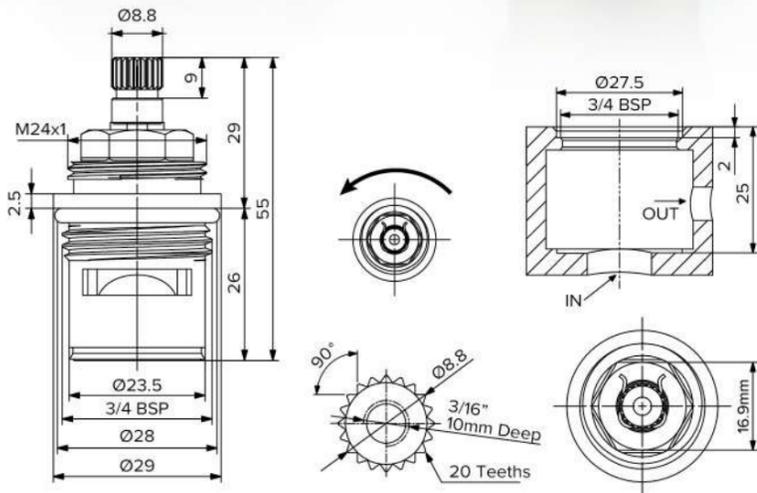
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

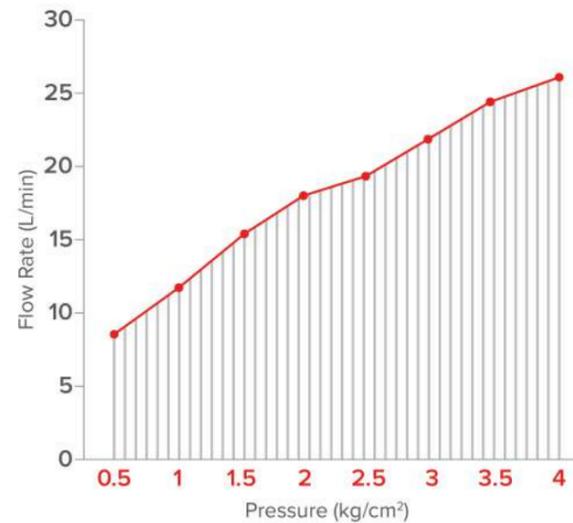


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	8.8
1	12.6
1.5	15
2	17.8
2.5	19.6
3	22.2
3.5	24
4	25.6



## YV12085061

3/4" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

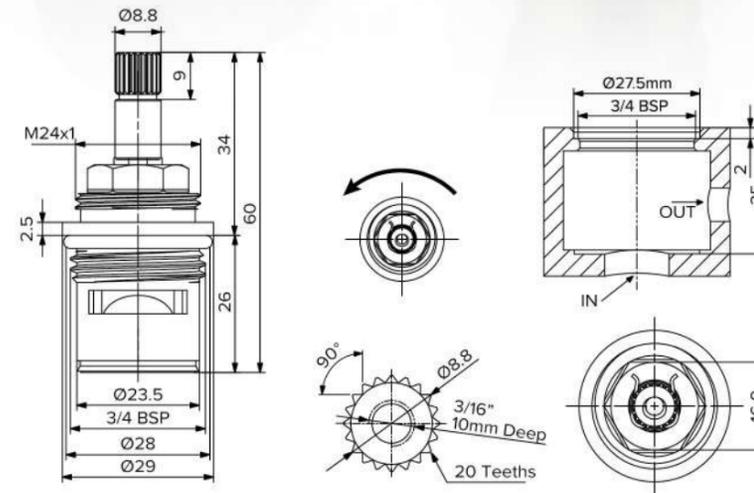
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

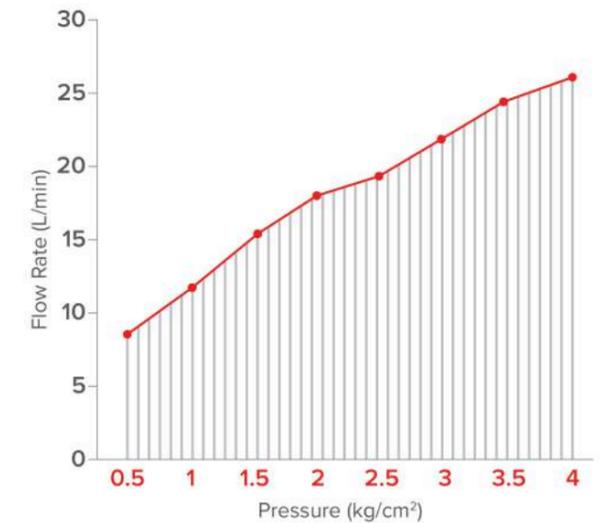


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9
1	12.2
1.5	15.1
2	17.2
2.5	19.3
3	22
3.5	23.6
4	25.1



## YV22091090

M22x1.5 Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

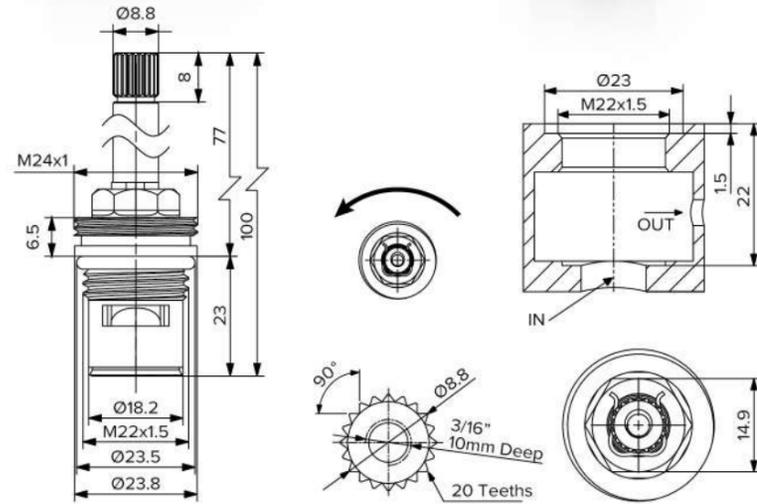
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

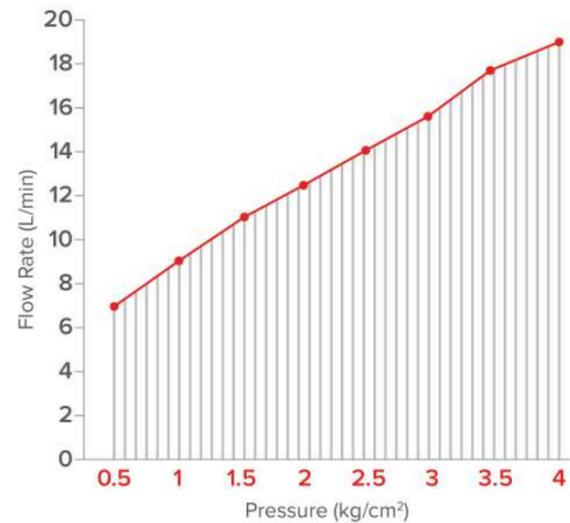


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	8.8
1.5	11.2
2	12.4
2.5	14.2
3	16.2
3.5	17.8
4	18.9



## YV22066051

M22x1.5 Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

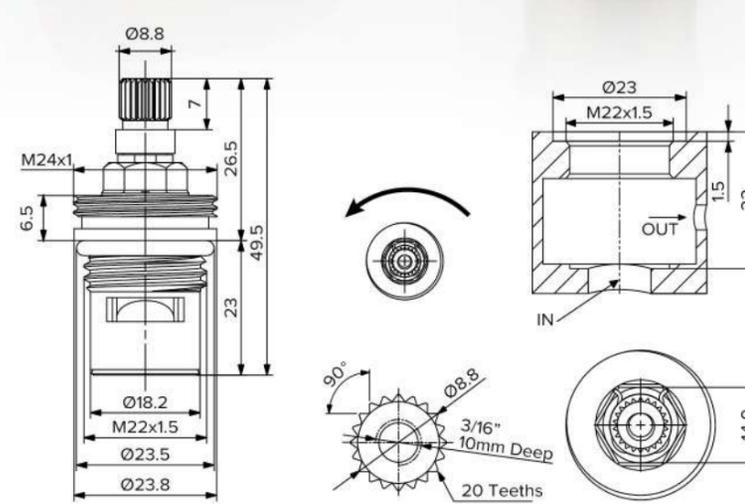
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

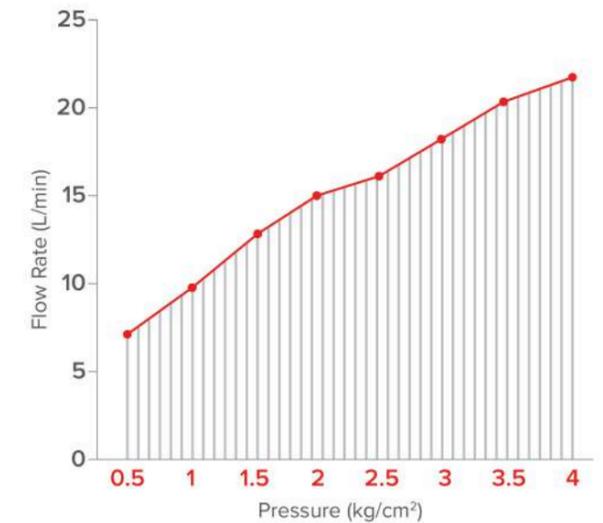


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	9.1
1.5	11
2	12.3
2.5	14.7
3	16.2
3.5	17.9
4	19.5



## YV22071053

M22x1.5 Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

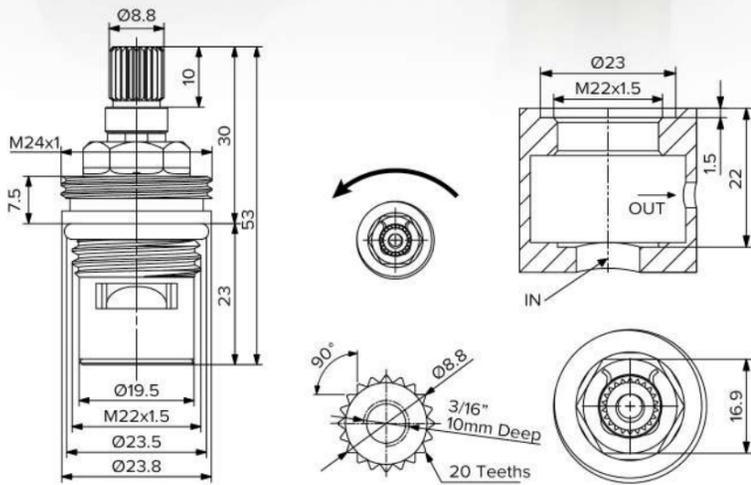
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

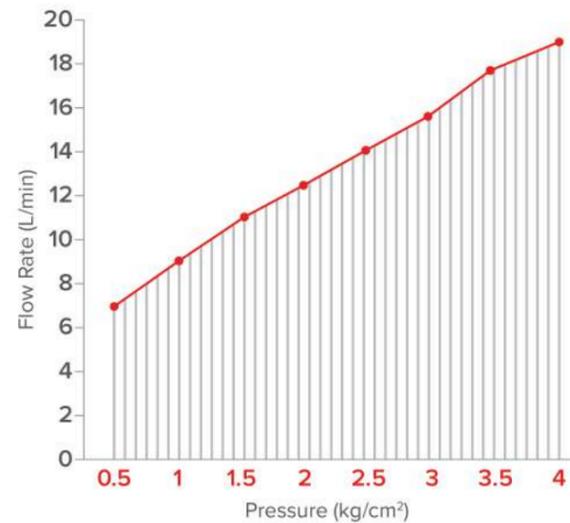


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.8
1	8.7
1.5	11
2	12.3
2.5	14.1
3	16.4
3.5	17.2
4	18.7



## YV28095055

M28x1.5 Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

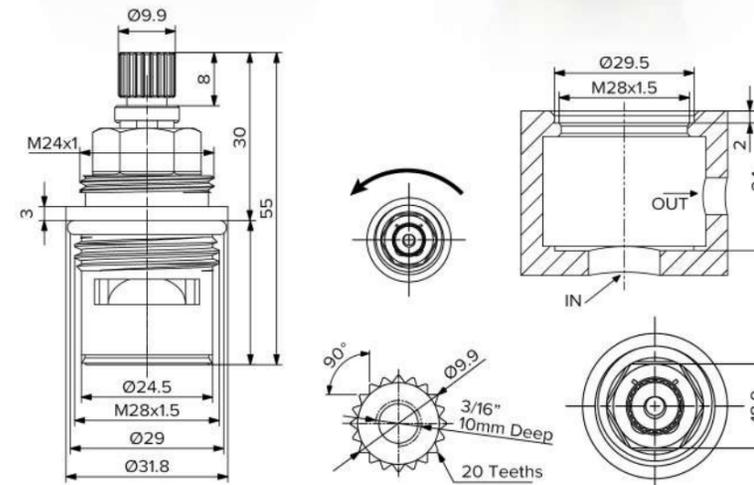
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

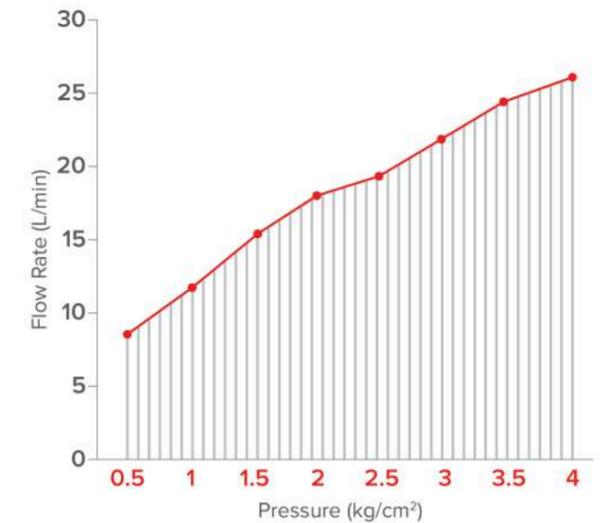


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.2
1	12.9
1.5	15.3
2	17.2
2.5	19.2
3	22.6
3.5	24.3
4	25.9



## YV08102125

1/2" Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

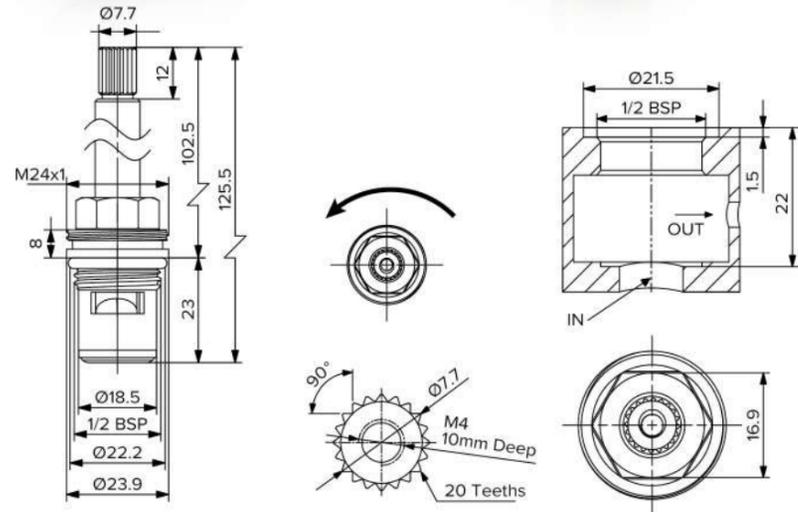
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

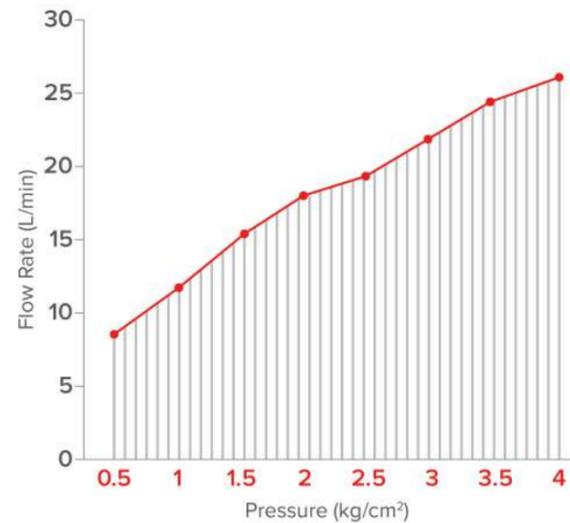


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	8.9
1	12.2
1.5	15.2
2	17.4
2.5	19.3
3	22
3.5	24.4
4	26



## YV08058050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

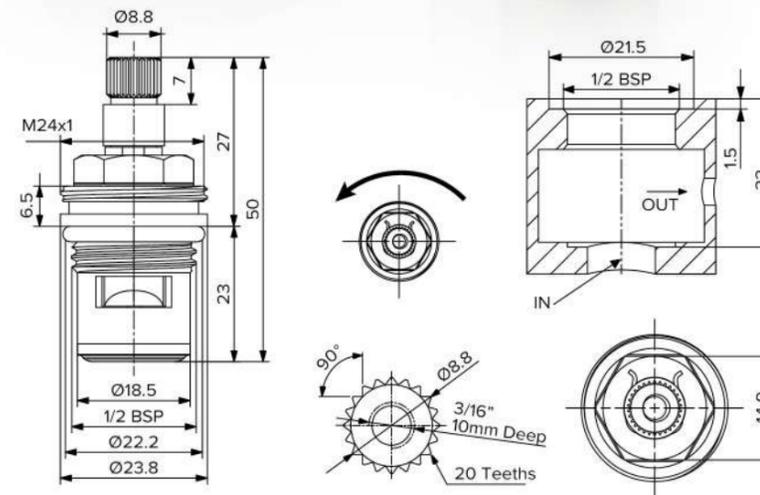
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

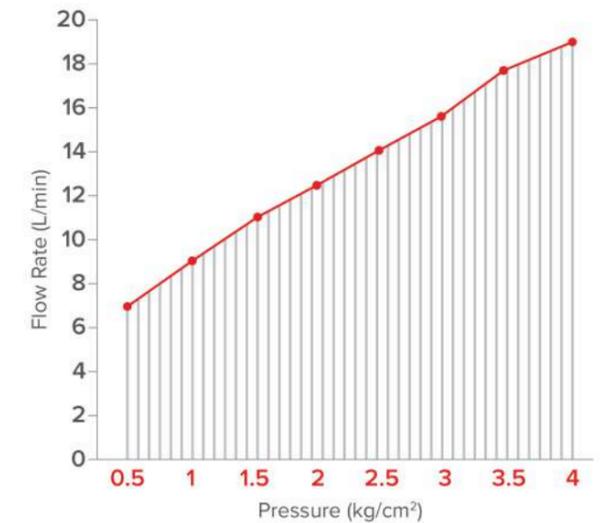


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.8
1	9
1.5	11.6
2	12.1
2.5	14.4
3	16
3.5	17.6
4	18.6



## YV08086100-G

1/2" Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

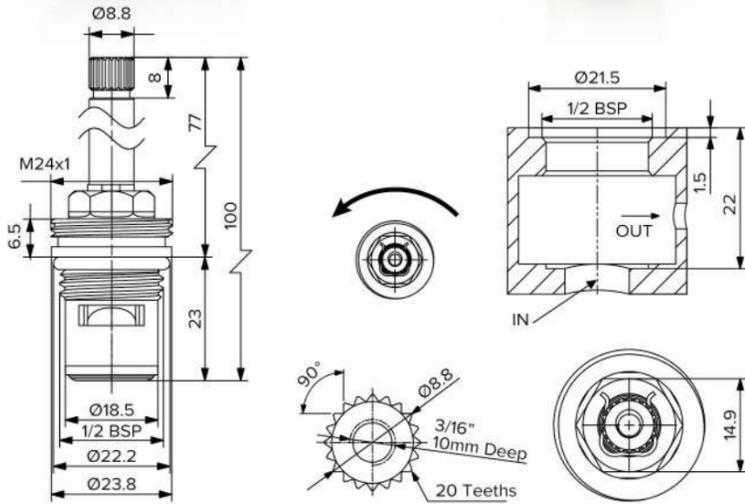
Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Life Test : with Best Quality Disc Life Cycle  
will be ≥ 5,00,000.

Clock Wise Direction Cartridge Close (Cold).

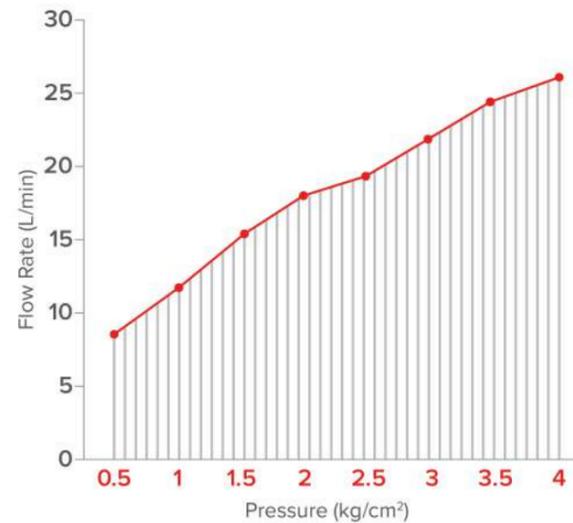


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	8.8
1	12.6
1.5	15
2	17.8
2.5	19.6
3	22.2
3.5	24
4	25.6



## YV08045051

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

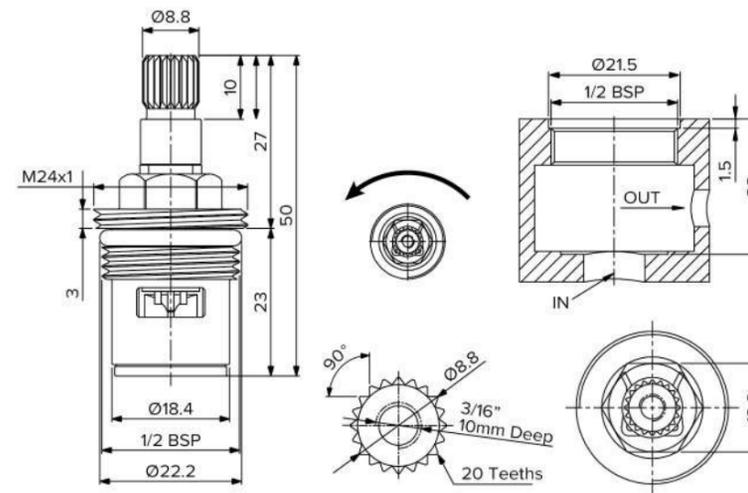
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

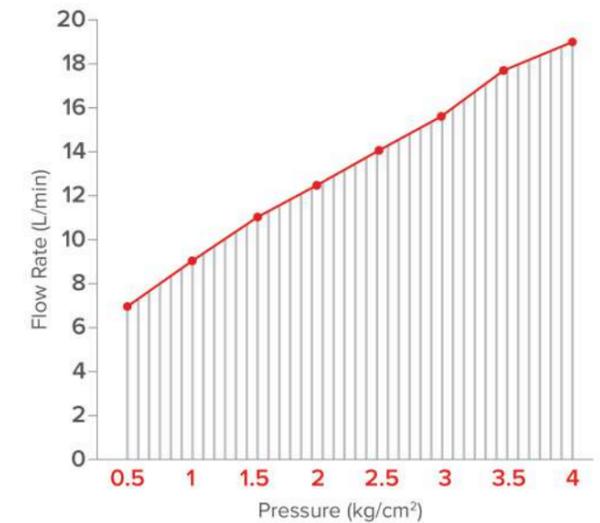


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.1
1	8.6
1.5	11.2
2	12.1
2.5	14.5
3	15.1
3.5	17.8
4	18.8



## YV08050050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

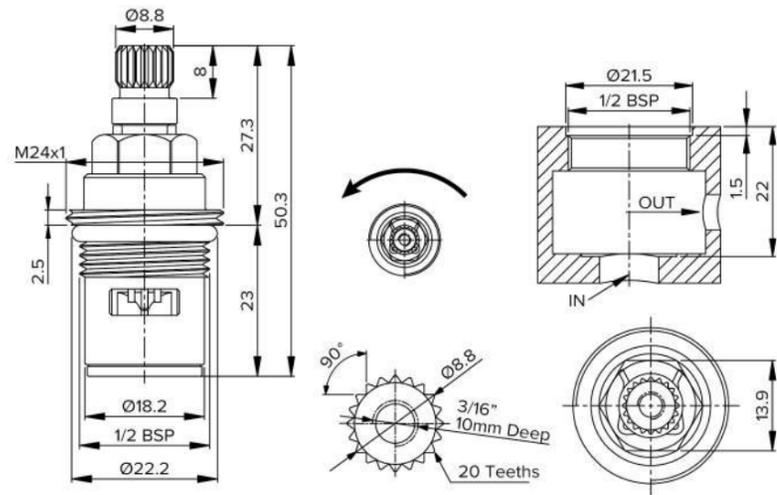
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

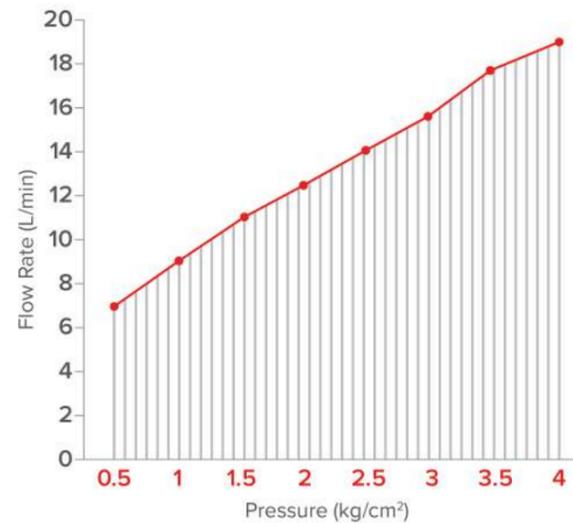


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	8.6
1.5	11.5
2	12.1
2.5	14.7
3	15.3
3.5	17.8
4	19.1



## YV08051050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

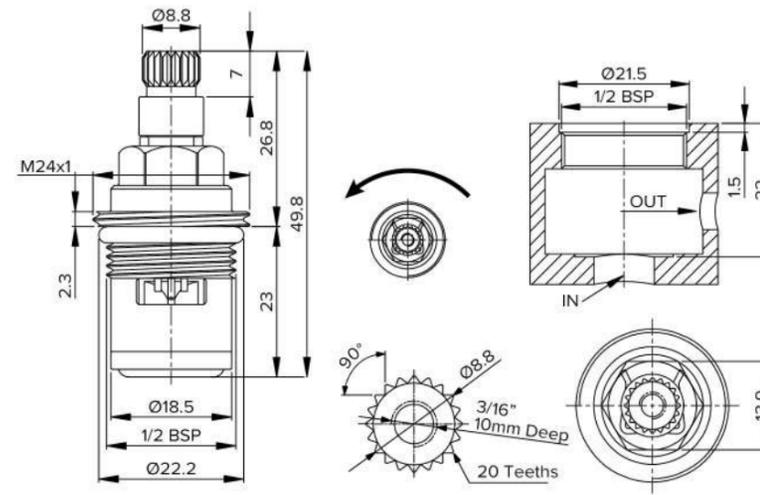
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

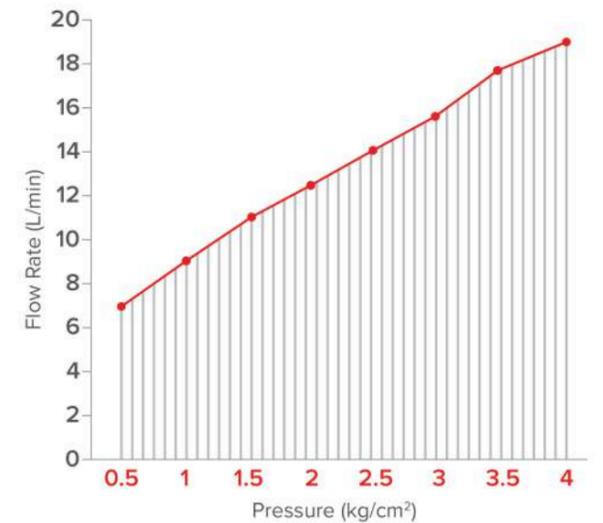


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.8
1	8.1
1.5	11.6
2	12.3
2.5	14.7
3	15.5
3.5	17.8
4	18.9



## YV08053050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

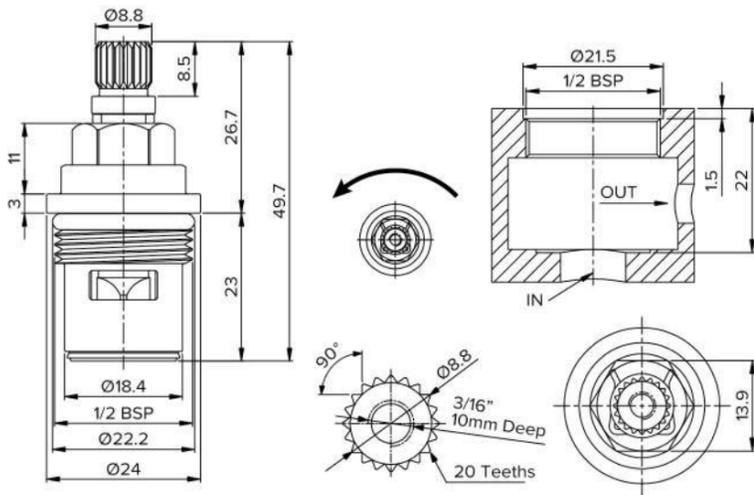
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

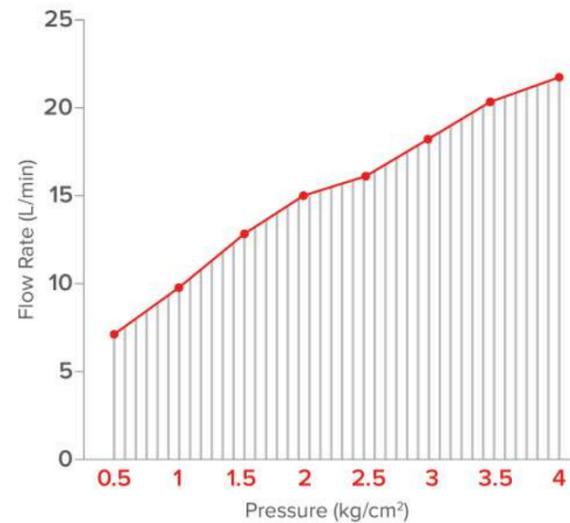


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	8.3
1.5	11.6
2	12.2
2.5	14.7
3	15.4
3.5	17.8
4	19.2



## YV08053052

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

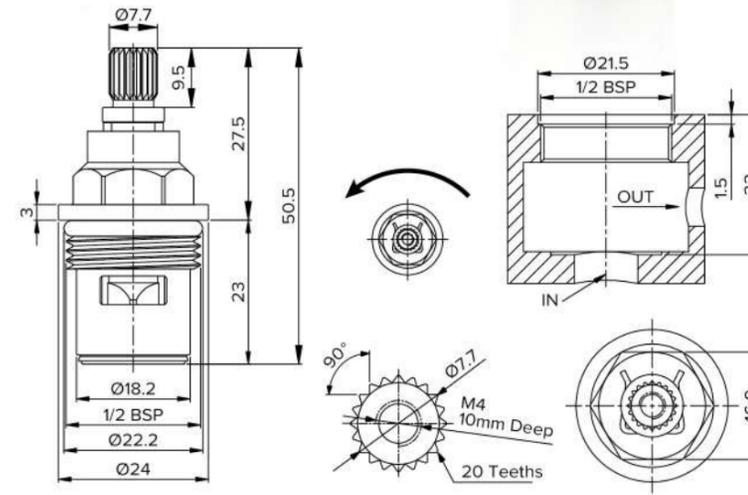
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

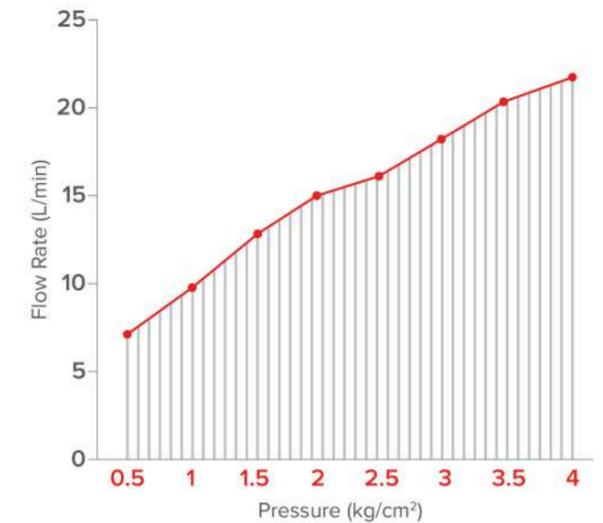


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	8.3
1.5	11.8
2	12.2
2.5	14.7
3	15.8
3.5	17.8
4	20.1



## YV08062050

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

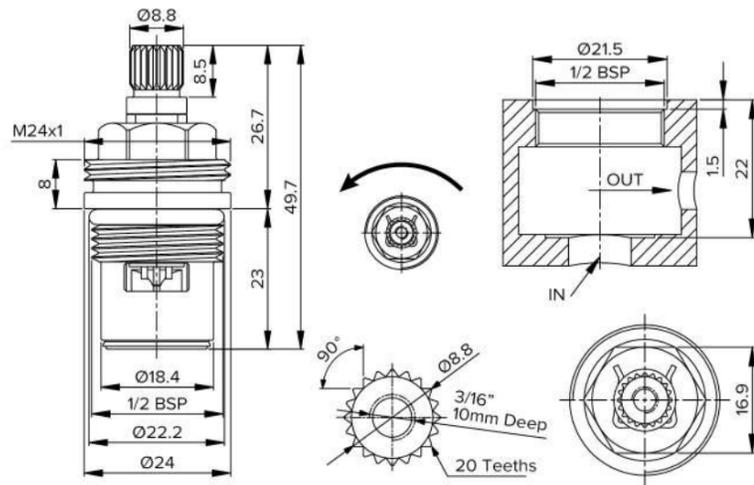
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

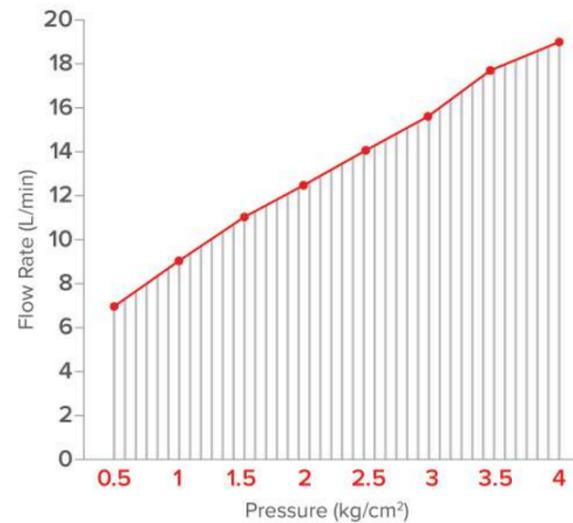


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.2
1	8.2
1.5	11.6
2	12.8
2.5	14.7
3	15.8
3.5	17.8
4	18.9



## YV12067045

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

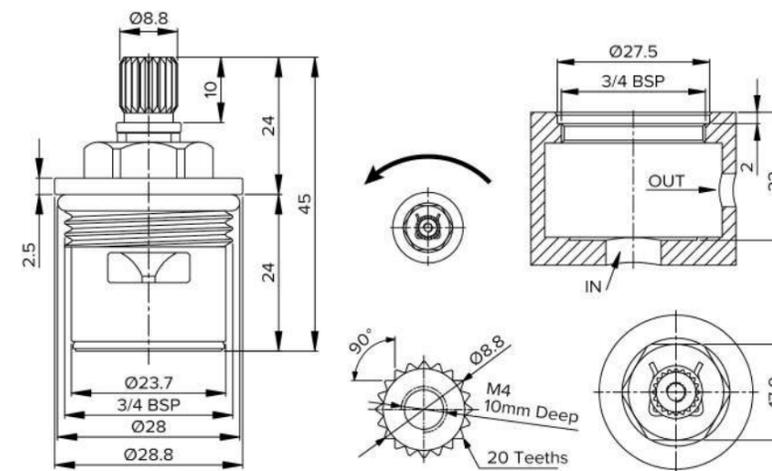
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

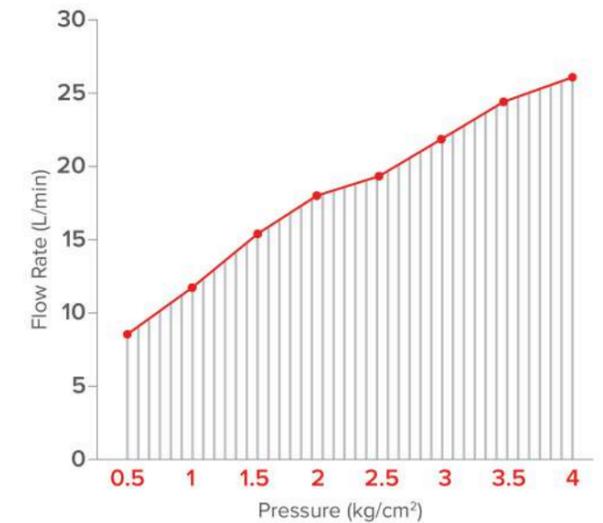


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	8.7
1	12
1.5	14.8
2	18.1
2.5	19.9
3	21.7
3.5	23.6
4	25.4



## YV22057053

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

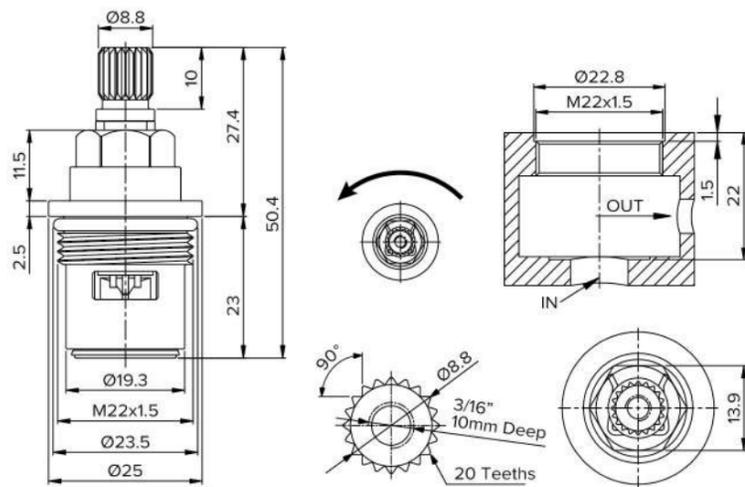
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

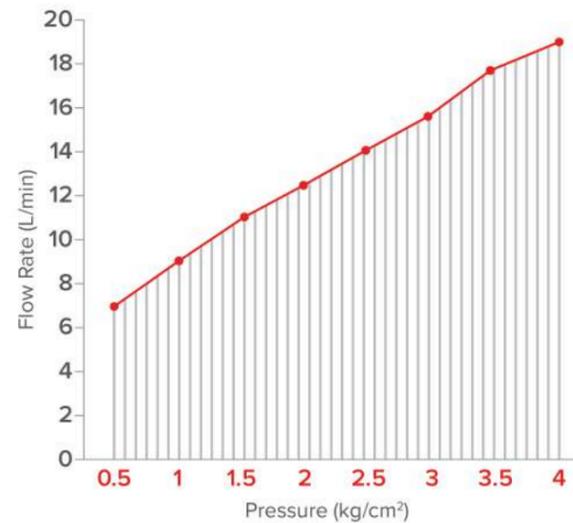


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.9
1	9
1.5	11
2	12
2.5	14
3	16
3.5	18
4	19



## YV28089054

M28x1.5 Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

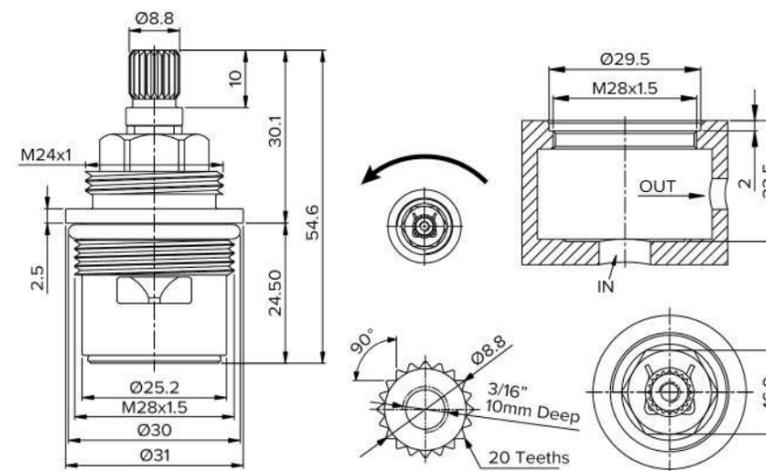
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

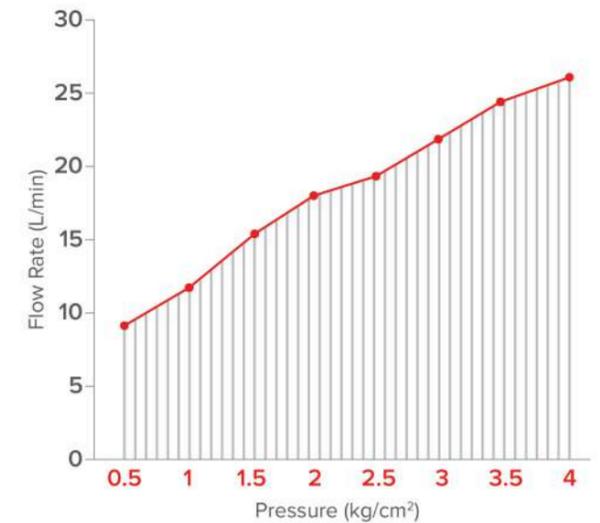


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.1
1	12.2
1.5	15.3
2	17.1
2.5	18.9
3	21.9
3.5	24.1
4	25.6



## YV28109067

M28x1.5 Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

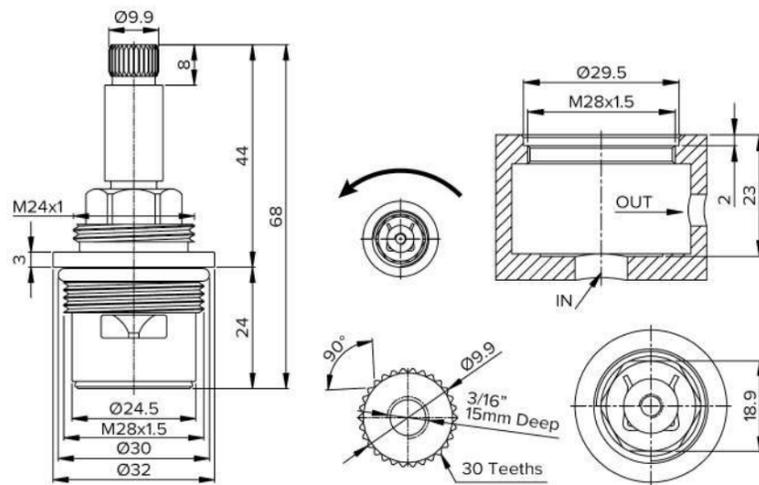
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

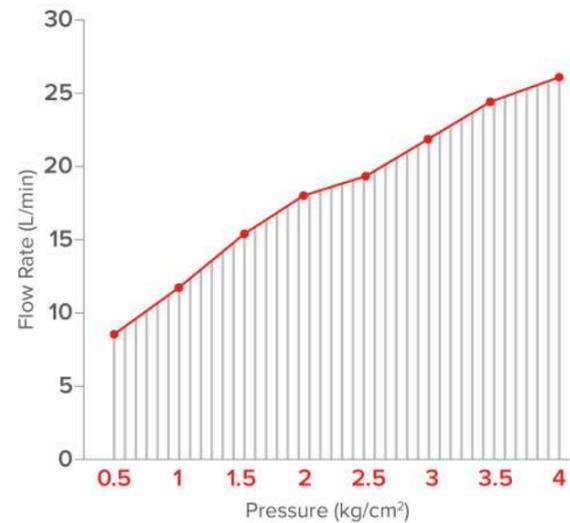


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.1
1	12.2
1.5	15.3
2	17.1
2.5	18.9
3	21.9
3.5	24.1
4	25.6



## YV28131108

M28x1.5 Quarter Turn Brass Concealed Cartridge



### Technical Details

#### Burst Test :

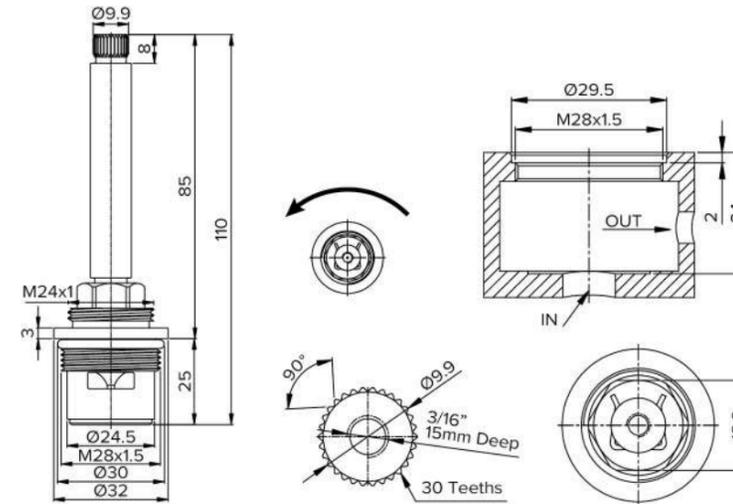
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

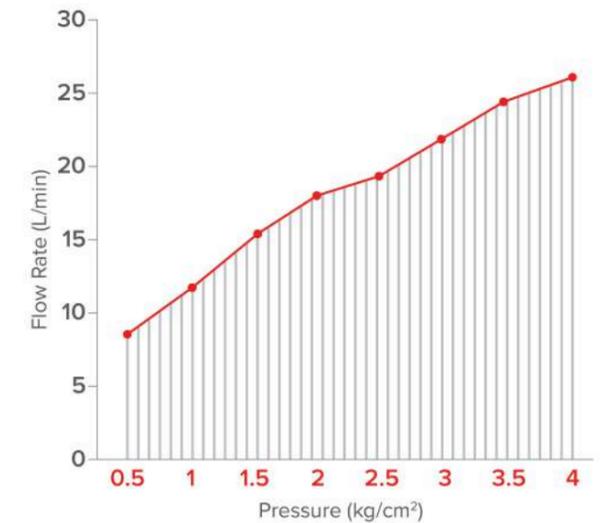


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.2
1	12.1
1.5	15.2
2	16.9
2.5	18.6
3	21.6
3.5	23.9
4	25.4





## YV08053057

1/2" Quarter Turn Brass Cartridge



### Technical Details

#### Burst Test :

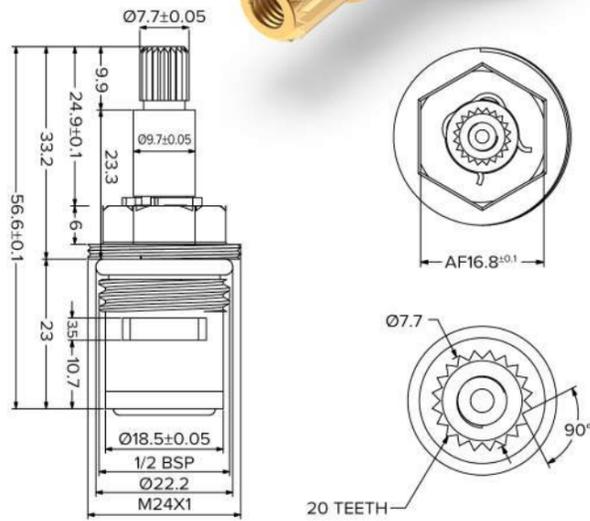
Max. Turning angle:90°

Temperature:4-90°C

Life Test: Min.100,000 cycles

Static water pressure at Max. 25 kg/cm<sup>2</sup>,

Clockwise Direction cartridge Close.

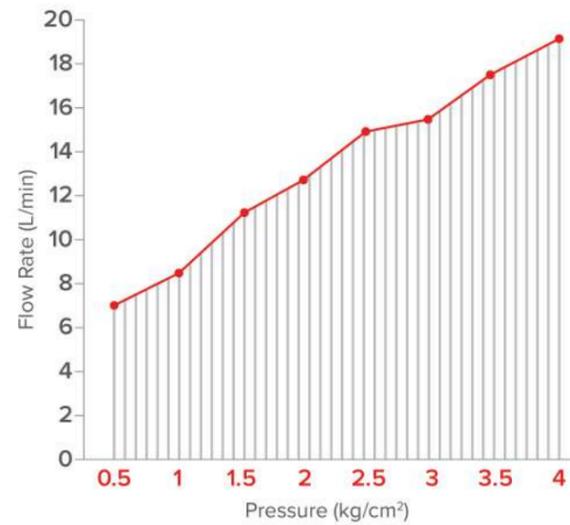


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7
1	8.3
1.5	11.6
2	12.2
2.5	14.7
3	15.5
3.5	17.8
4	19.2



It Does Exactly What  
It Says on The Appliances.





# TRANSITION

Enduring Performance,  
Timeless Excellence



## YV27084055

M27x1.5 Quarter Turn Brass Diverter Cartridge



### Technical Details

#### Burst Test :

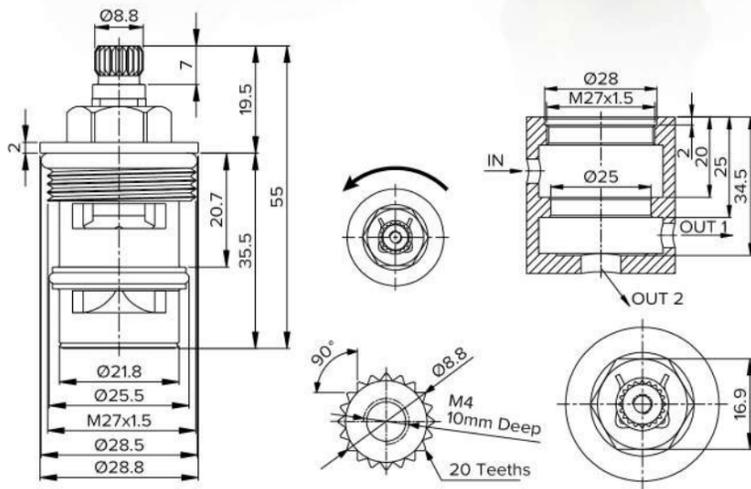
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

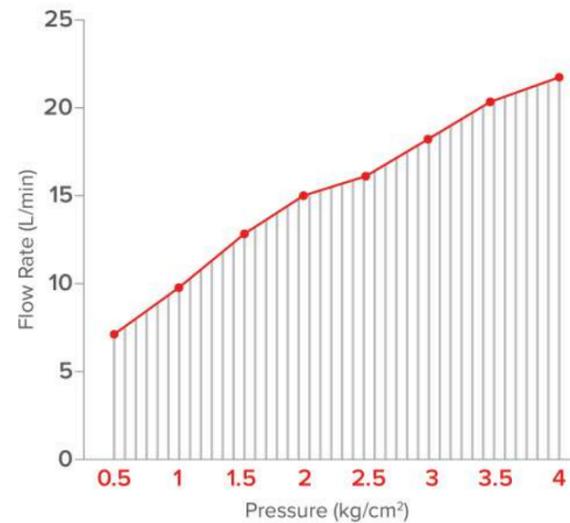


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.5
1	9.9
1.5	12
2	13.4
2.5	15.1
3	16.8
3.5	18.1
4	19.8



## YV27108086

M27x1.5 Quarter Turn Brass Diverter Cartridge



### Technical Details

#### Burst Test :

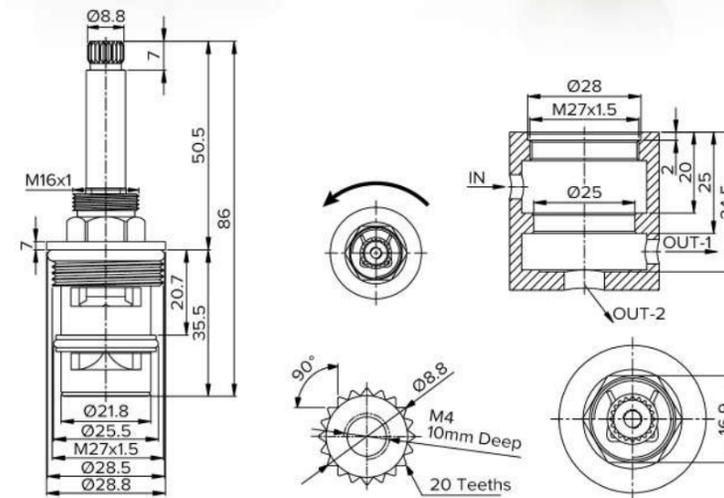
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

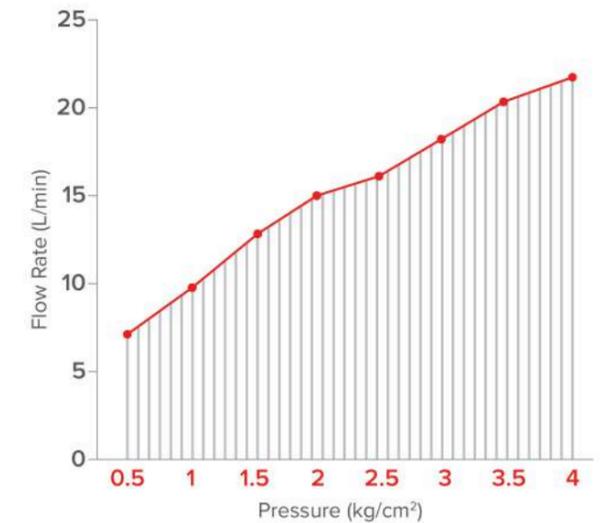


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.9
1	10.2
1.5	12.8
2	13.9
2.5	15.1
3	16.7
3.5	18.5
4	20



## YV27118103

M27x1.5 Brass Diverter Cartridge



### Technical Details

#### Burst Test :

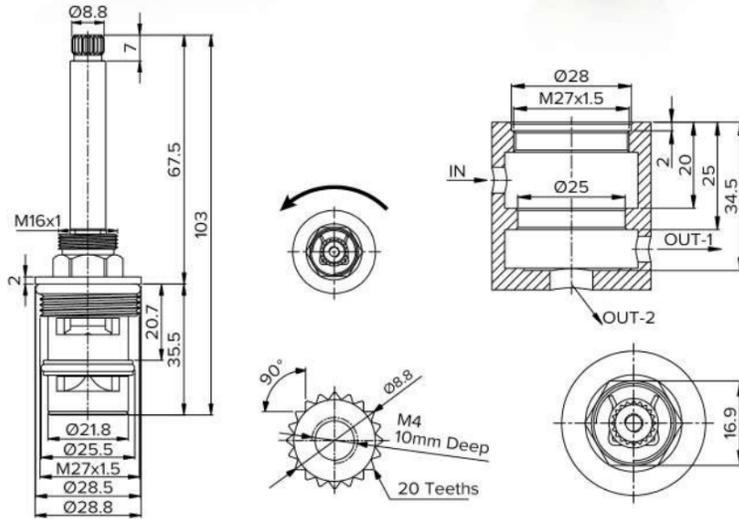
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 90°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.

Clock Wise Direction Cartridge Close (Cold).

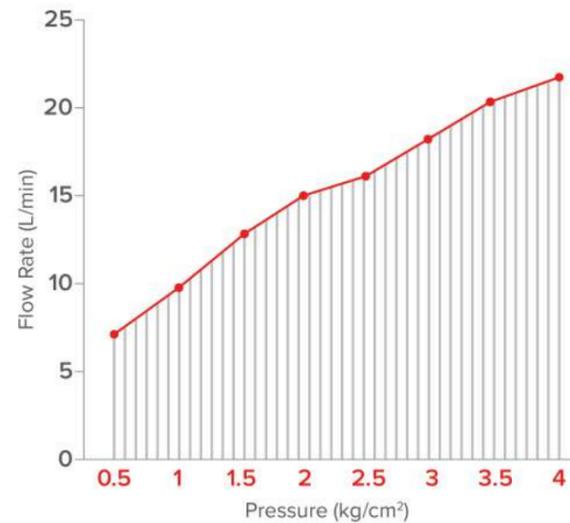


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	7.3
1	9.4
1.5	11.7
2	13.1
2.5	14.1
3	16.2
3.5	18.4
4	19.9



## YV22078110

M22x1.5 Push Pull Brass Diverter Cartridge



### Technical Details

#### Burst Test :

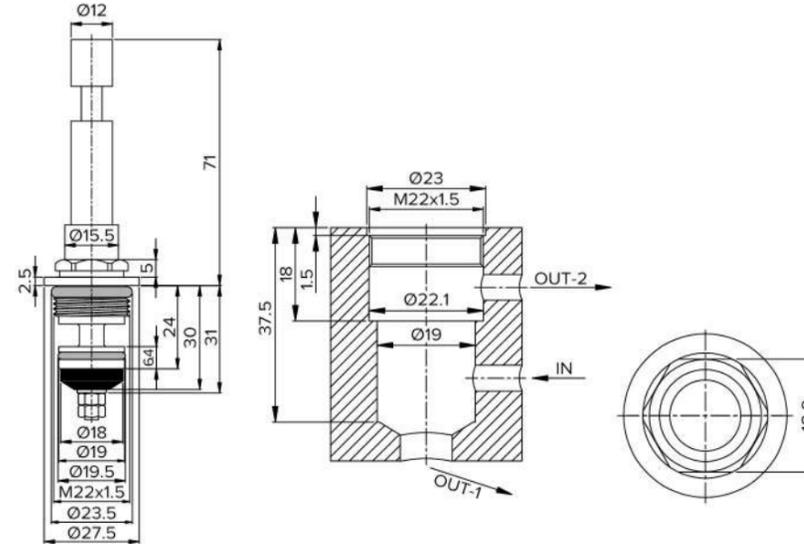
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation or Breakage Found on Cartridge.

Temperature : 3-90° C

Max. Turning Force : 6 N.m.

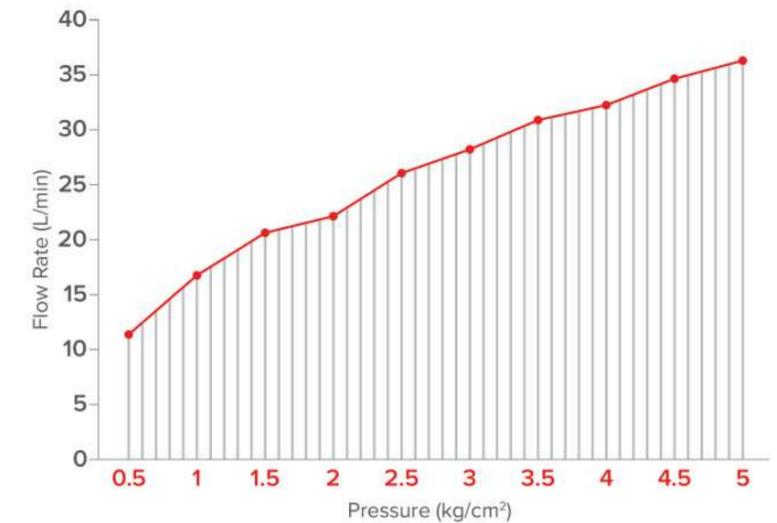
Max. Assembling Force : 61 N.m.

Life Test : 1,00,000 Open and Close Cycles.



### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	12.6
1	17.1
1.5	20.6
2	23.6
2.5	26.2
3	28.5
3.5	31.1
4	32.9
4.5	34.9
5	36.6



## YV34171125

M34x1.5 Push Pull Brass Diverter Cartridge



### Technical Details

#### Burst Test :

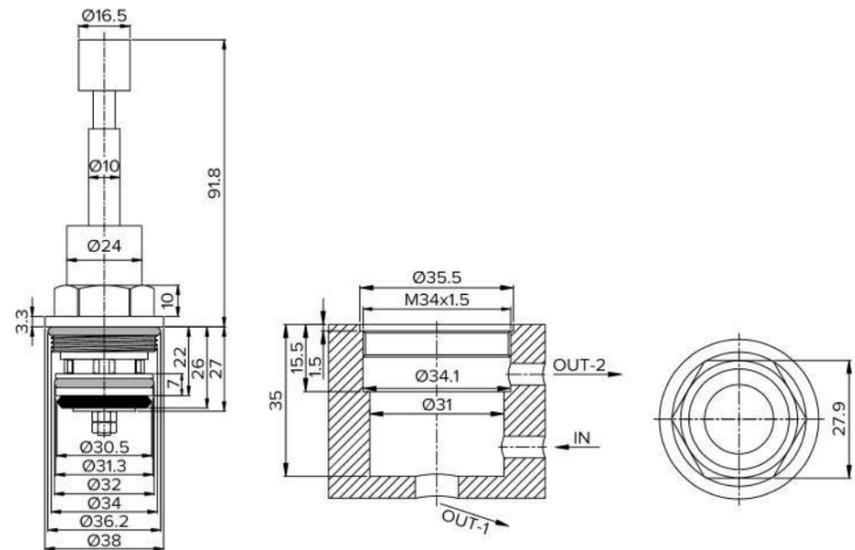
Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation or Breakage Found on Cartridge.

Temperature : 3-90° C

Max. Turning Force : 6 N.m.

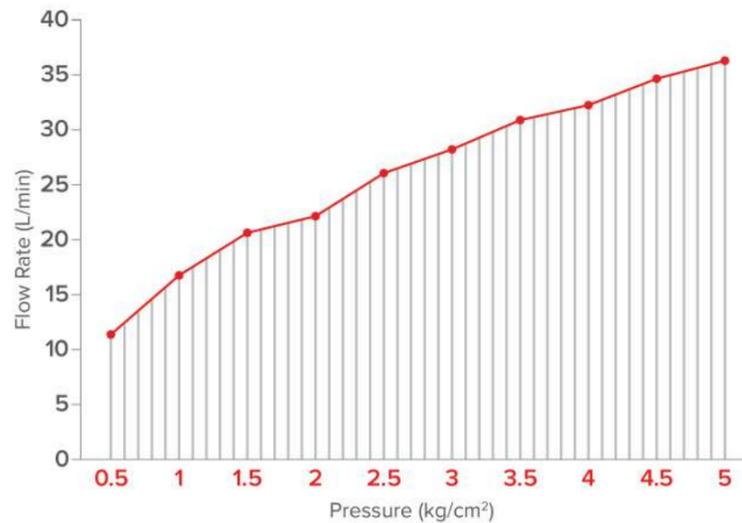
Max. Assembling Force : 61 N.m.

Life Test : 1,00,000 Open and Close Cycles.



### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	12.4
1	16.9
1.5	20.4
2	22.8
2.5	26.2
3	27.9
3.5	31.2
4	33.1
4.5	34.5
5	36.8



## YV22030052

22mm Long



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

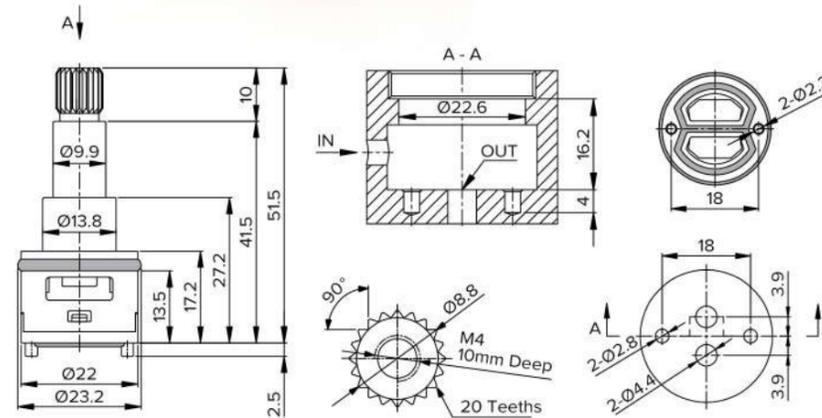
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

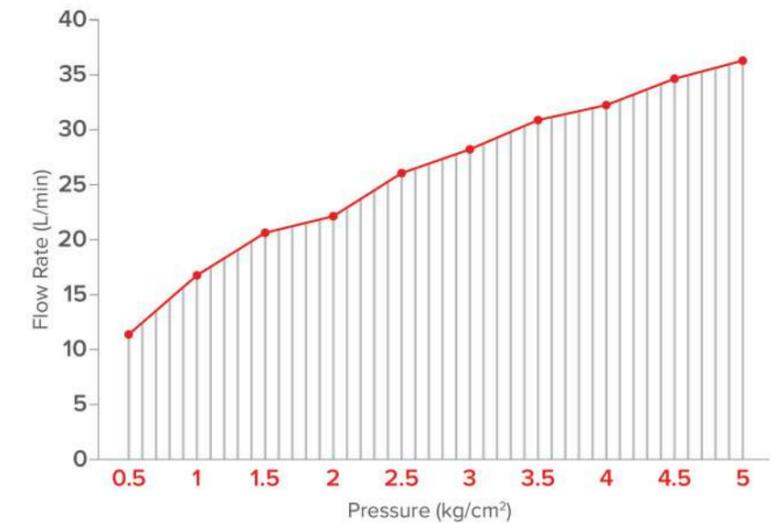


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.2
1	13.1
1.5	15.6
2	18.4
2.5	20.1
3	22.2
3.5	23.5
4	24.5
4.5	25.9
5	27.3



## YV22030042

22mm Small



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

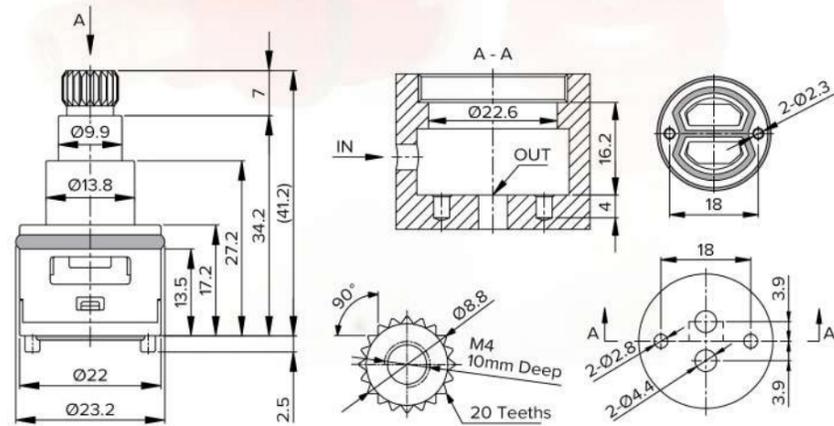
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

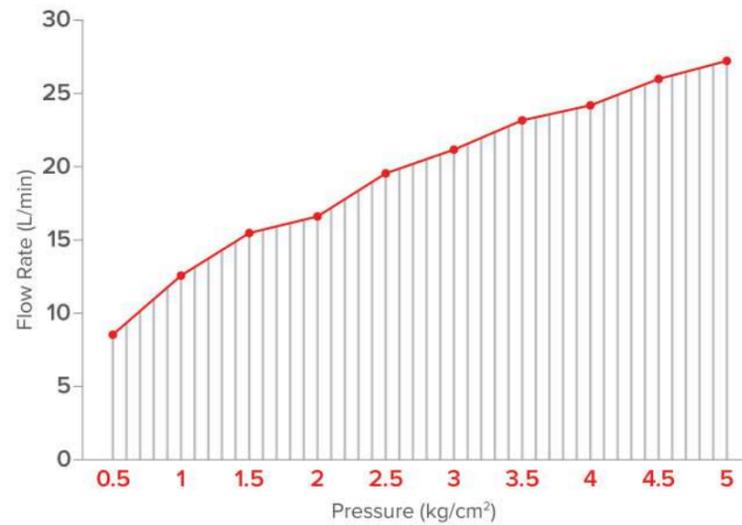


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	9.1
1	13
1.5	15.5
2	18.4
2.5	20.1
3	22.1
3.5	23.5
4	24.6
4.5	25.9
5	27.2



## YV25035052

25mm Plastic Diverter Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

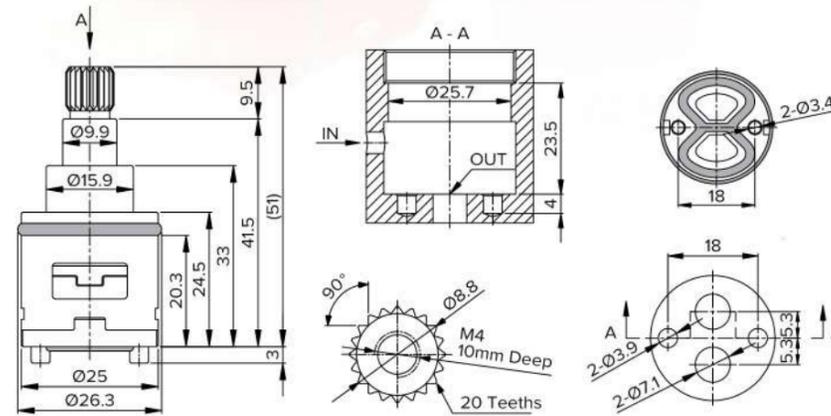
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

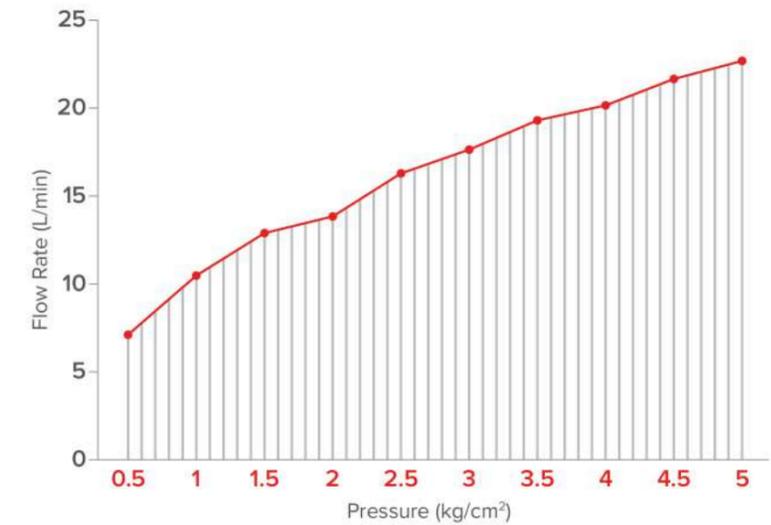


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.5
1	9.1
1.5	11.2
2	13.5
2.5	15.1
3	16.8
3.5	18.2
4	20
4.5	20.9
5	21.3



## YV25040060

25mm Plastic Diverter Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

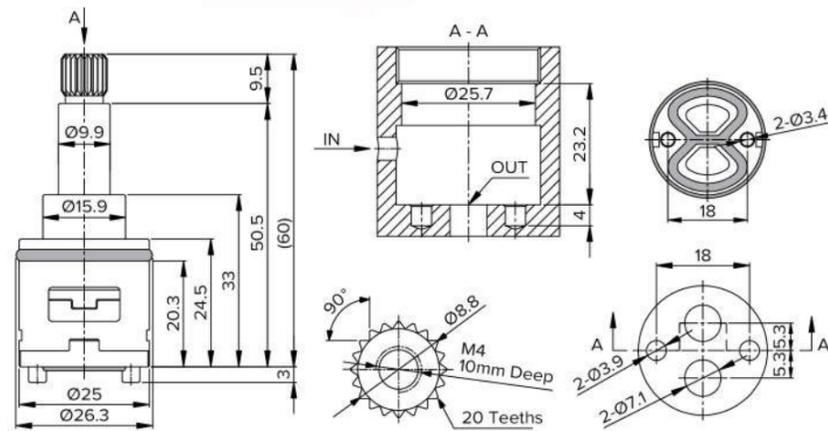
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

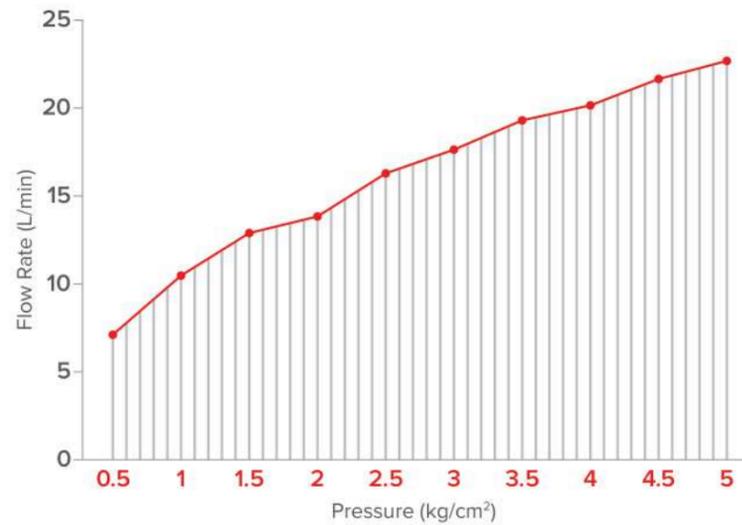


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.3
1	9.2
1.5	11.1
2	13.6
2.5	15
3	16.7
3.5	18.1
4	20
4.5	20.2
5	21.2



## YV25063093

25mm Plastic Diverter Concealed Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

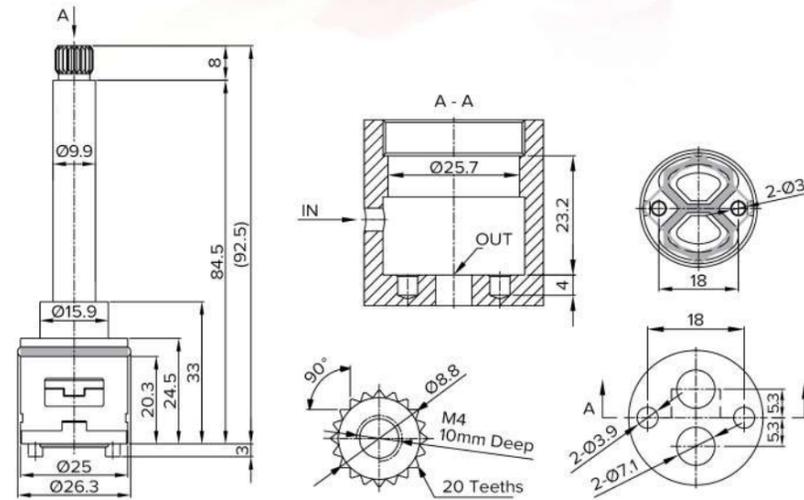
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

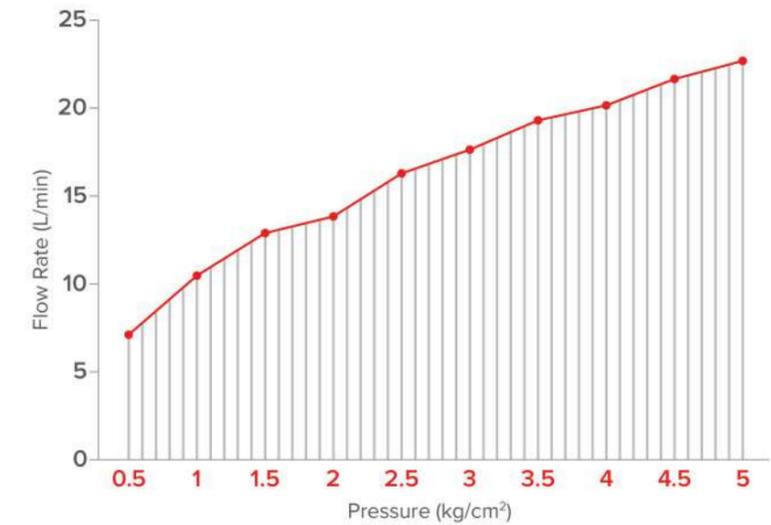


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	6.4
1	9.2
1.5	11.4
2	13.6
2.5	15.4
3	17
3.5	18.3
4	19.9
4.5	20.3
5	21.2



## YV31045051

31mm Plastic Diverter Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

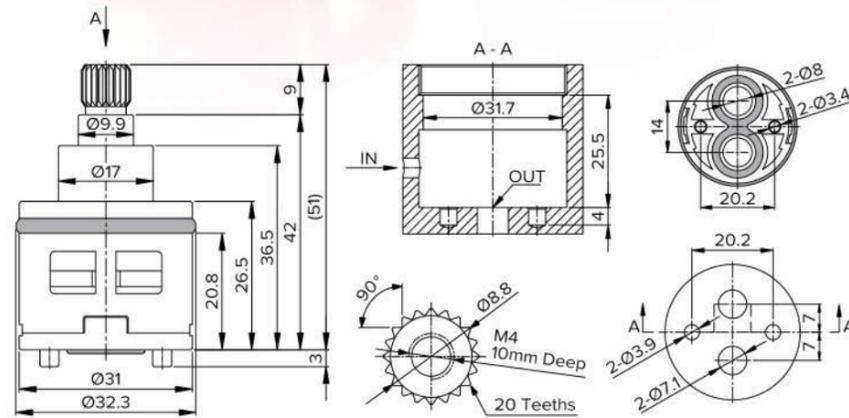
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

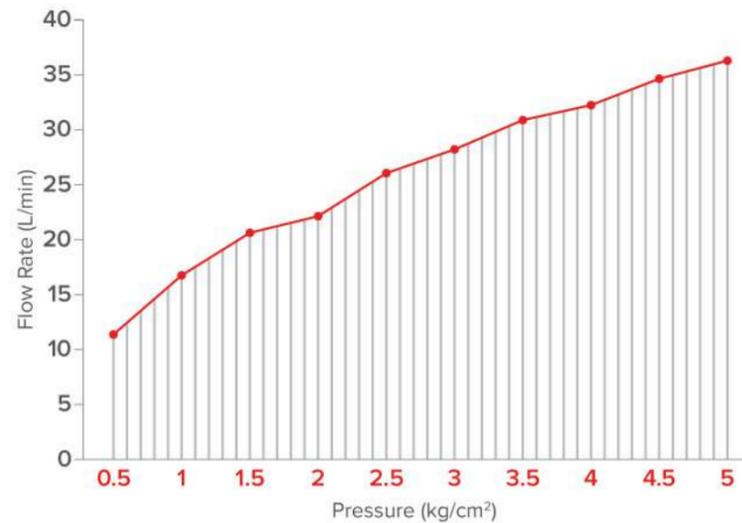


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	10.4
1	15.9
1.5	19.2
2	22.2
2.5	24.9
3	26.9
3.5	29.1
4	31.2
4.5	33.2
5	35.2



## YV31047055

31mm Plastic Diverter Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

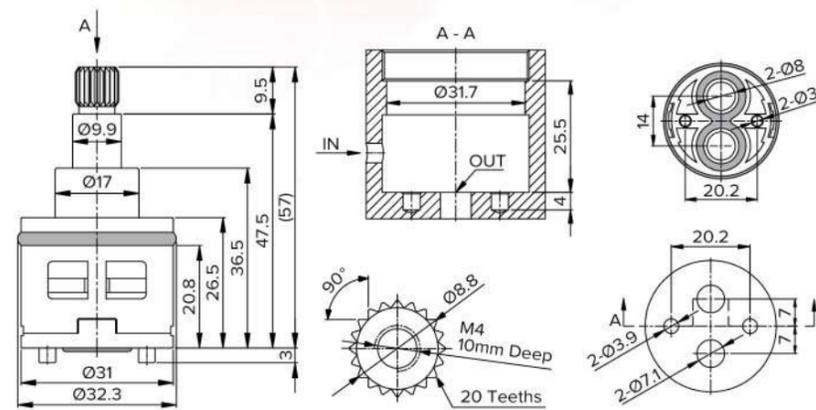
Max. Turning Angle : 180°

Temperature : 4-90° C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

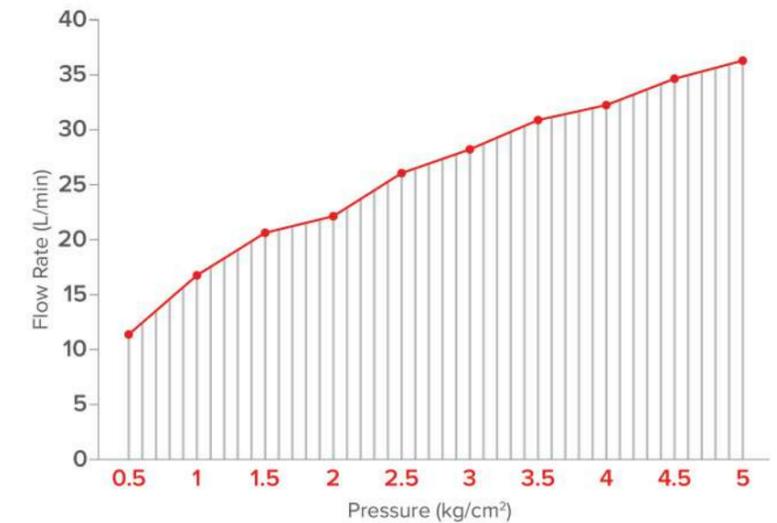


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	10.6
1	15.9
1.5	19.2
2	22.1
2.5	24.6
3	26.8
3.5	29.1
4	31.2
4.5	33.2
5	35.2



## YV31077085

31mm Plastic Concealed Diverter Cartridge



### Technical Details

#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

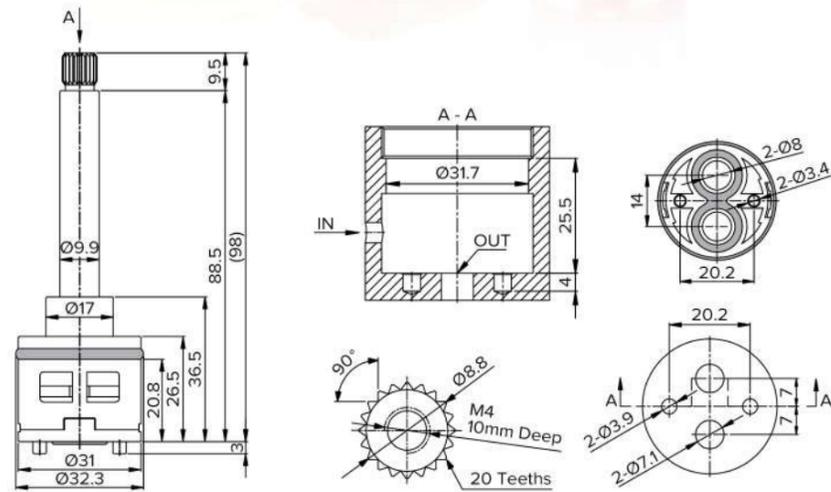
Max. Turning Angle : 180°

Temperature : 4-90°C

Gland Nut Torque : 6-8N.m.

Lever Break Torque: ≥6-8 N.m.

Life Test : Min. 70,000 Cycles

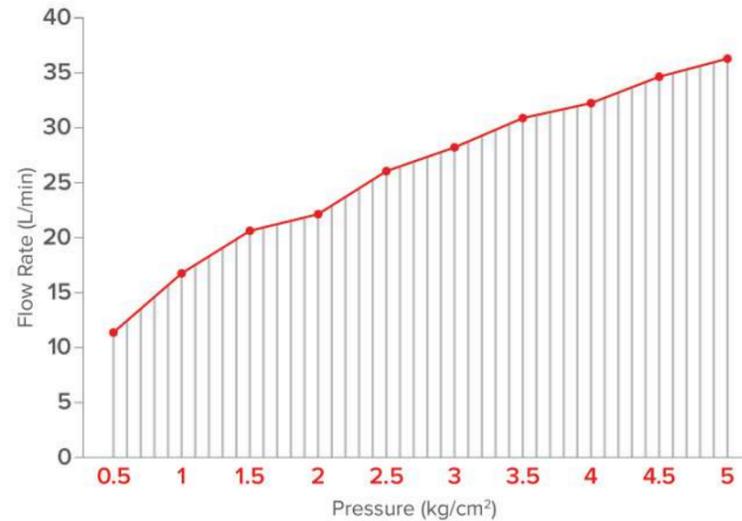


100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

### Flow Rate Test

Pressure (Kg/cm <sup>2</sup> )	Flow Rate (L/min)
0.5	10.5
1	15.8
1.5	19.1
2	22.3
2.5	24.9
3	26.8
3.5	29.1
4	31.2
4.5	33.1
5	35.1



## YV56129084

56mm Divertor Conceal



### Technical Details

#### Burst Test :

Maax. Turning angle : 180°

Temperature : 4-90°C

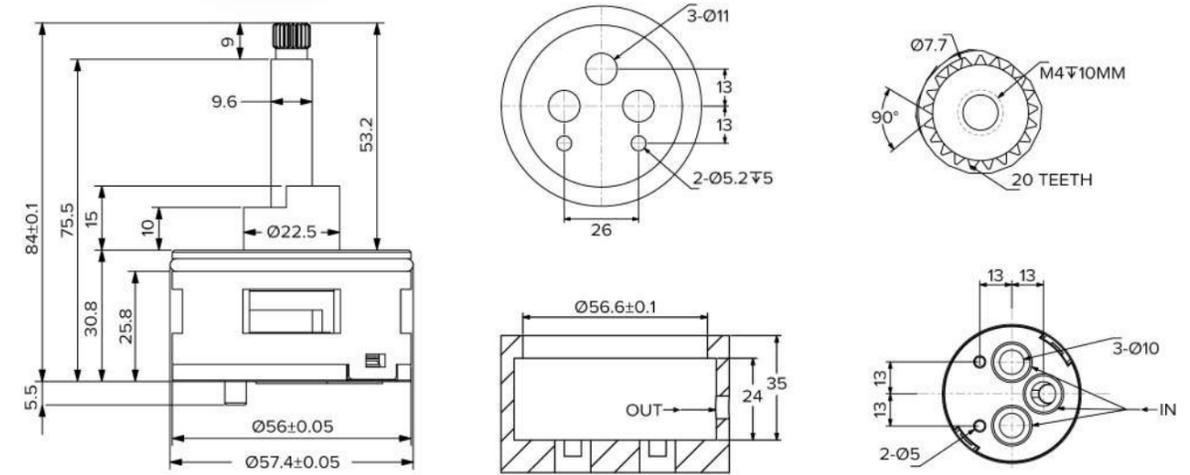
Gland Nut Torque : 6-8N.m

Lever Break torque : ≥6-8 N.m

Life Test : Min. 100000 Cycles

Static water pressure : 25 kg/cm<sup>2</sup>,

No deformation found on the cartridge.



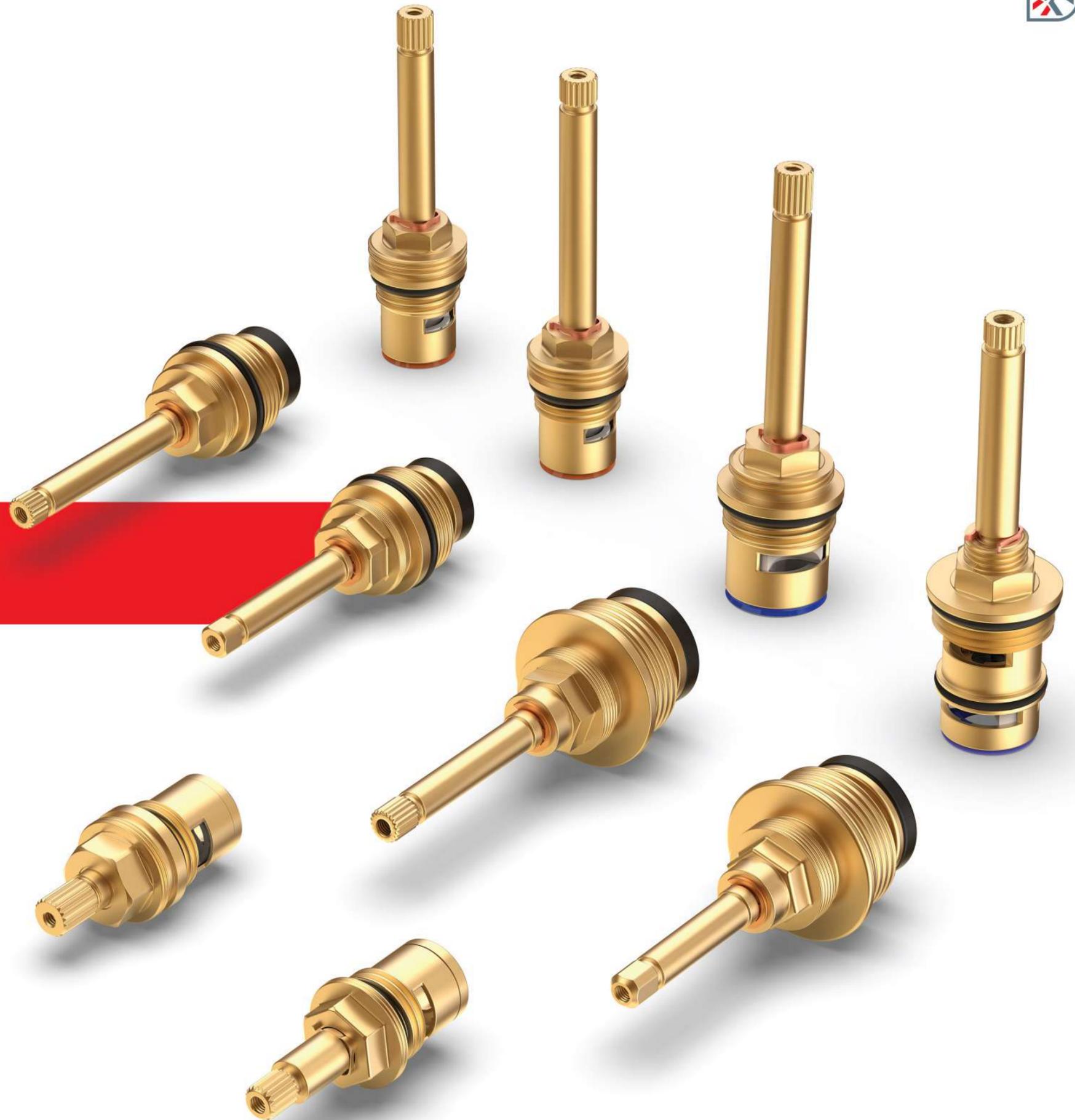
100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	2
Dynamic Pressure (kg/cm <sup>2</sup> )		3



# PPR CONCEALED VALVE CARTRIDGE

Unmatched Performance,  
Everlasting Quality





## YV16164100

1 Inch PPR 7.7 Knurling  
Concealed Fitting



### Technical Details

#### Burst Test :

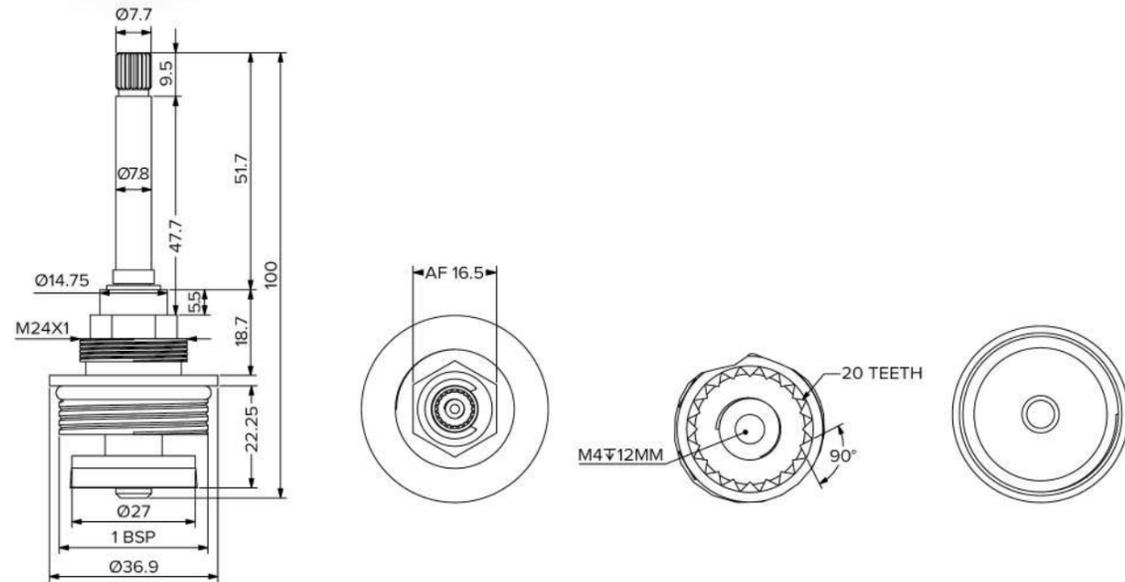
Max. Turning Angle : 360°

Temperature : 4-90°C

Life Test : 1,00,000 Open and Close Cycles.

Static water pressure at Max. 25 kg/cm<sup>2</sup>, no

Deformation found on the Cartridge.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV12096085

3/4 PPR Square Punch  
Concealed Fitting



### Technical Details

#### Burst Test :

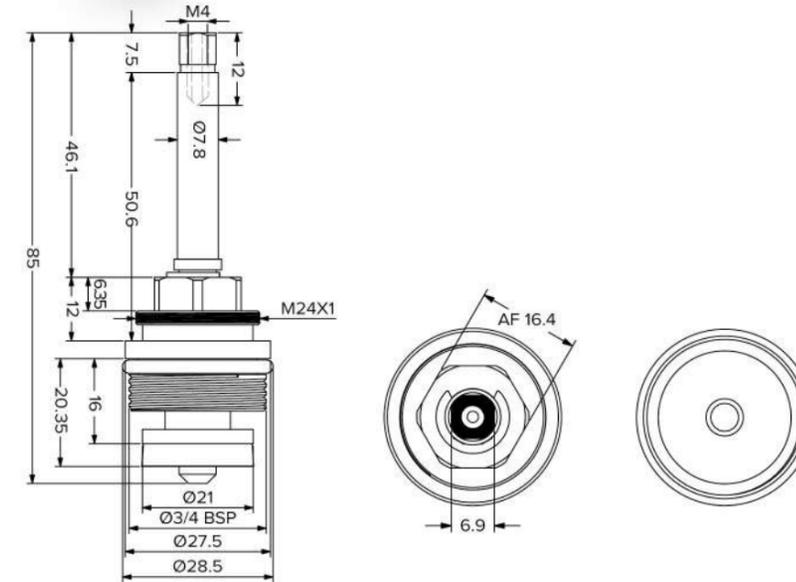
Max. Turning Angle : 360°

Temperature : 4-90°C

Life Test : 1,00,000 Open and Close Cycles.

Static water pressure at Max. 25 kg/cm<sup>2</sup>, no

Deformation found on the Cartridge.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3



# FULL TURN

Reliability You Can Trust  
at Every Turn



## YV08052050

1/2" Full Turn Brass Cartridge



### Technical Details

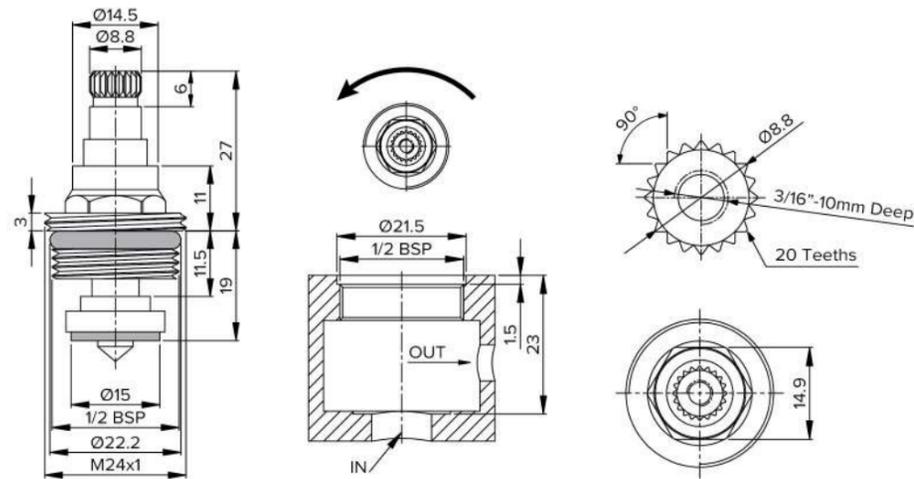
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV08055048

1/2" Full Turn Brass Cartridge



### Technical Details

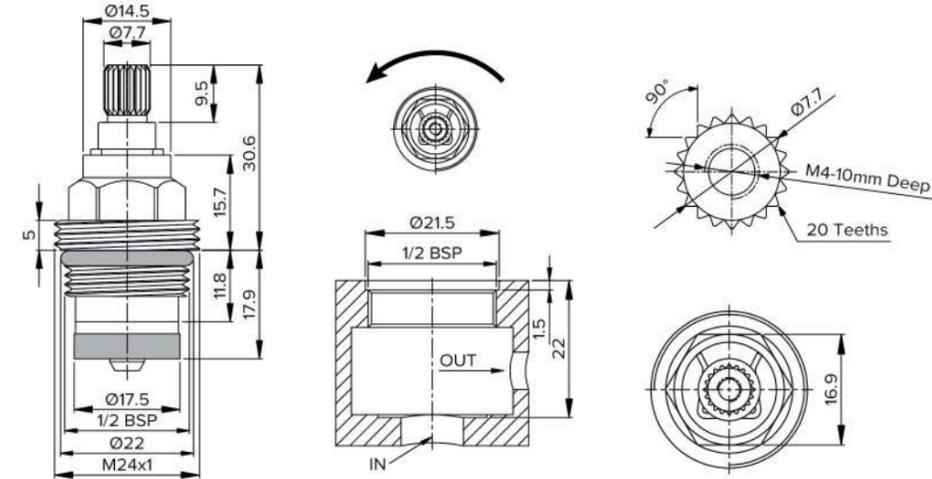
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV08055049

1/2" Full Turn Brass Cartridge



### Technical Details

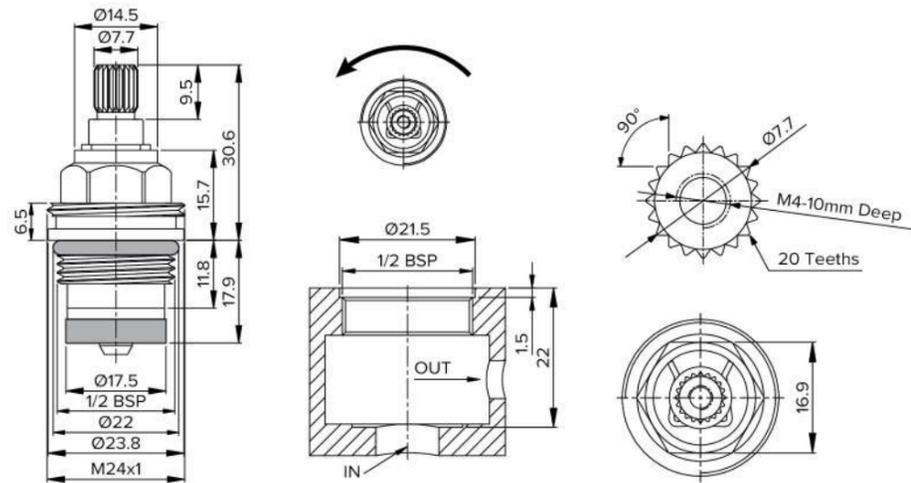
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV08055050

1/2" Full Turn Brass Cartridge



### Technical Details

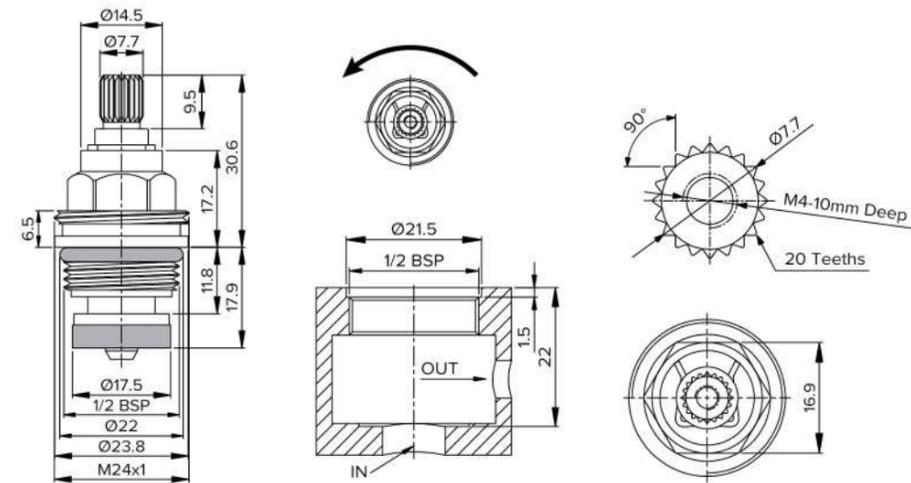
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV08069055

1/2" Full Turn Brass Cartridge



### Technical Details

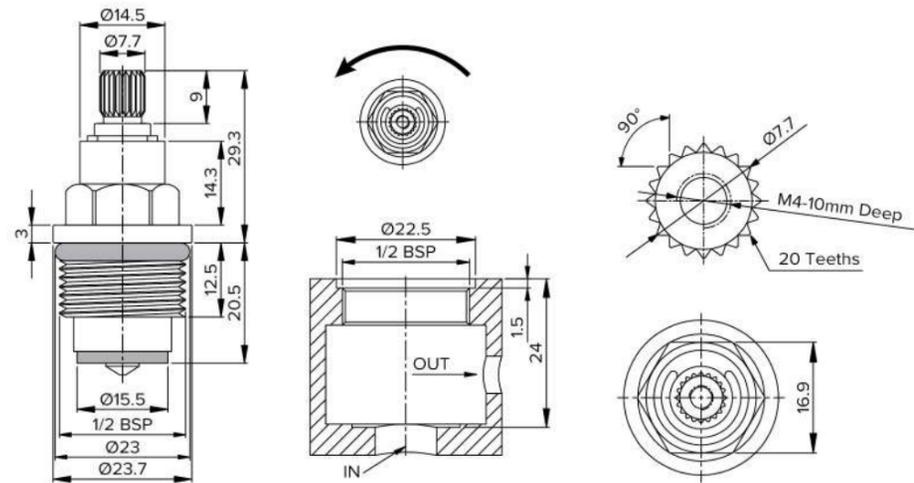
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV08075061

1/2" Full Turn Brass Cartridge



### Technical Details

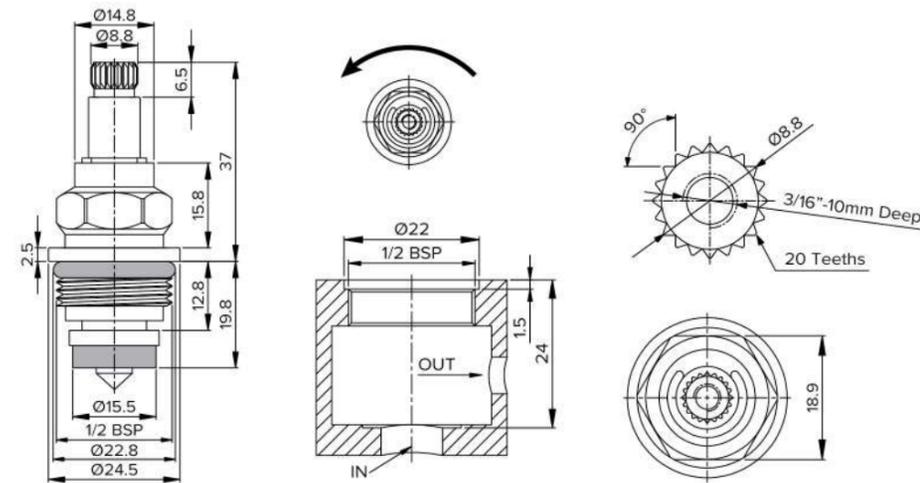
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV24094062

M24x1.5 Full Turn Brass Cartridge



### Technical Details

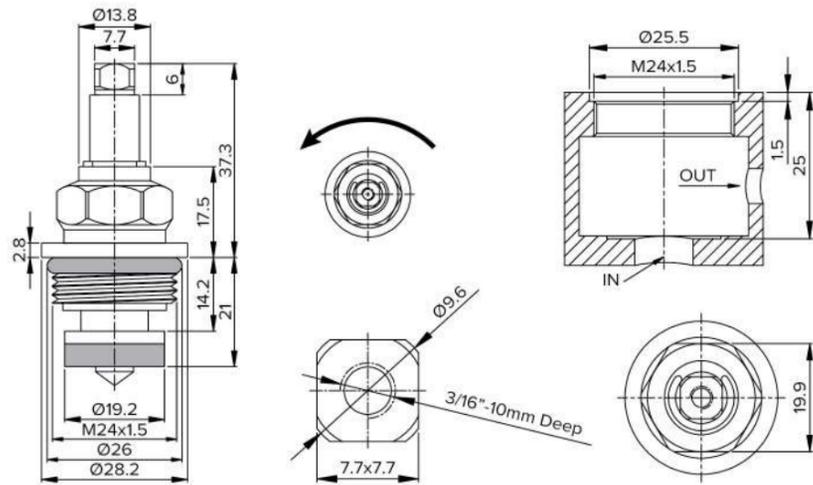
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

## YV24102065

M24x1.5 Full Turn Brass Cartridge



### Technical Details

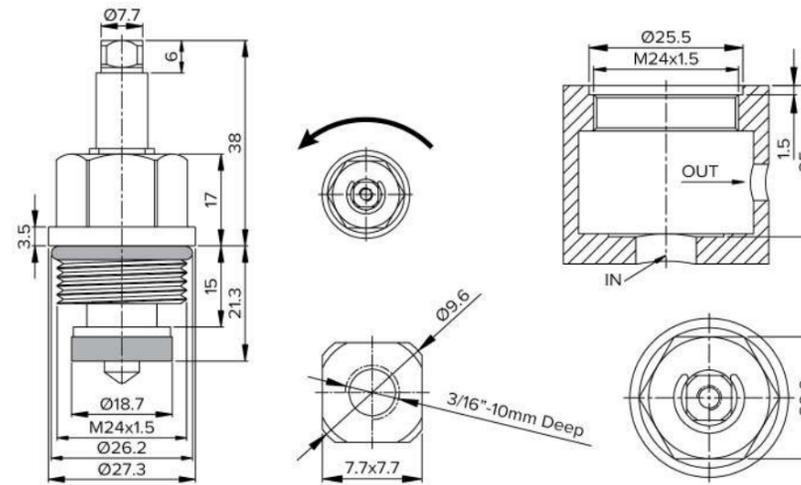
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3

# YV24150110

M24x1.5 Full Turn  
Brass Concealed  
Cartridge



### Technical Details

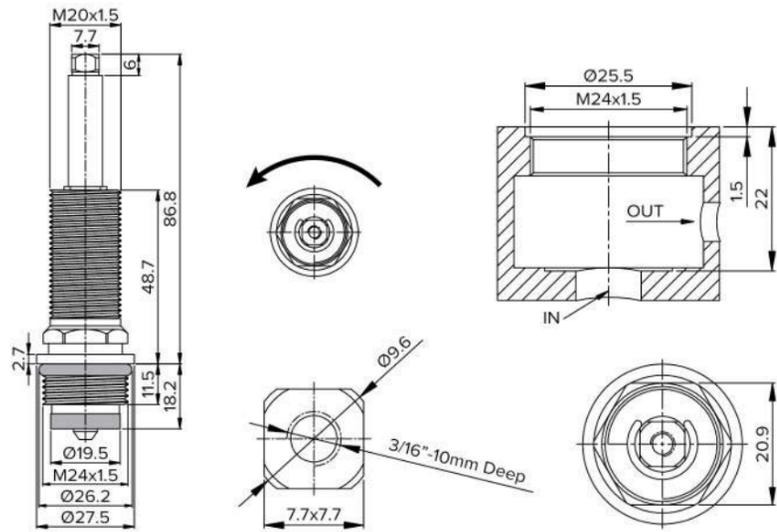
#### Burst Test :

Static Water Pressure at Max. 35 kg/cm<sup>2</sup>,  
No Deformation Found on the Cartridge.

Max. Turning Angle : 360°

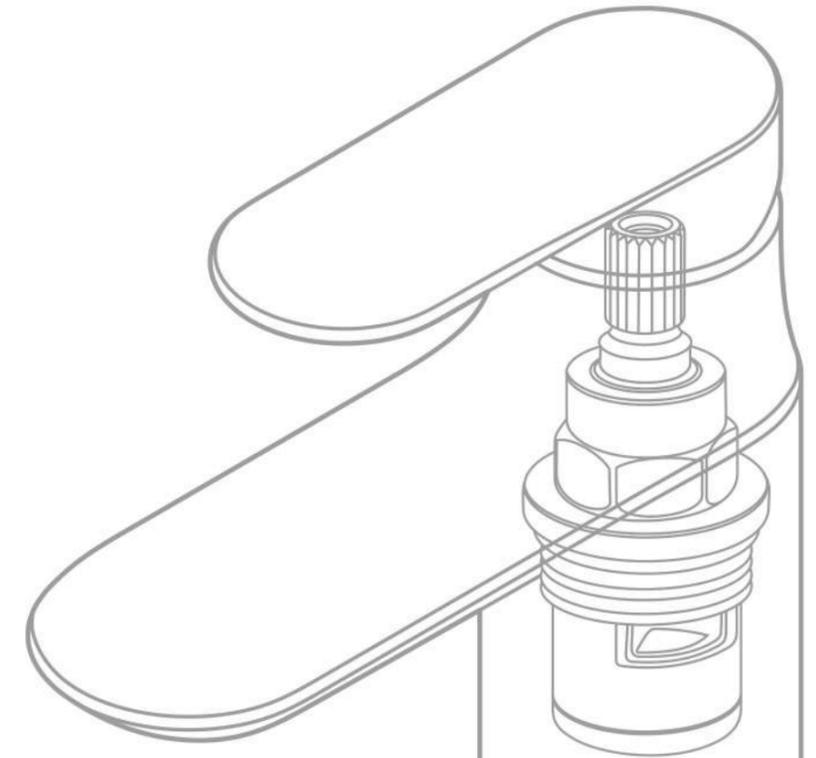
Temperature : 4-90° C

Life Test : 1,00,000 Open and Close Cycles.



100% air pressure tested on each single cartridge before factory delivery.

Static Pressure (kg/cm <sup>2</sup> )	High Pressure	8
	Low Pressure	0.2
Dynamic Pressure (kg/cm <sup>2</sup> )		3



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