

# Throttle Valves

Manual restrictions in irrigation head controls, field plots, Nutrigation™ systems, filtration heads systems.



Accurate



High corrosion  
& UV resistance



High  
durability

## / Benefits & Features

→ Saves operation costs

User-friendly design allows smooth handle operation

→ Saves labor costs and multiple investments in maintenance

- Highly reliable operation and durable over time
- Chemical/corrosion resistant, UV stabilized

## / Specifications & Recommendations

- Multi-turn, vertical motion
- Straight throughflow with minimal head loss
- Visual float position indicator to show % throttle of piping system
- Slow operation pavement water hammer
- Maintaining seat leakage permissible limit as per Standard ANSI/FCI-70-2-2006 in class III (0.10%)
- Operational up to 6bar
- Threaded connections (BSP or NPT standards)

## → Packaging Data

Model	Quantity P/Box (unit)	Box Sizes (cm x cm x cm)	Box Weight (kg)	Boxes P/Pallet
2"	5	69.0 x 19.5 x 30.0	6.85	15
2½"		78.5 x 23.0 x 41.5	14.67	8
3"			13.82	

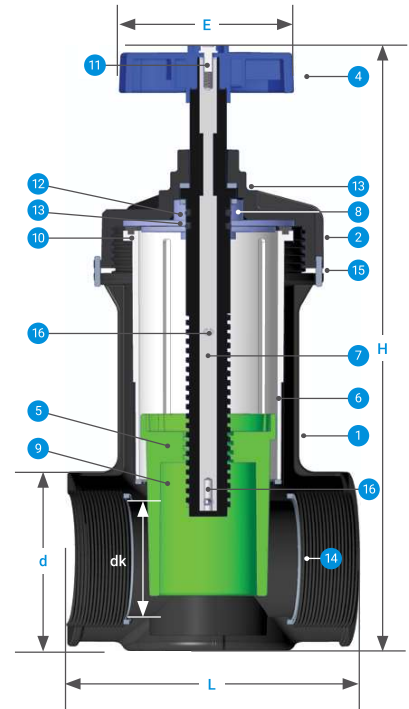
## → Technical Dimensions

Inlet Connector - Female Threaded / Outlet Connector - Female Threaded

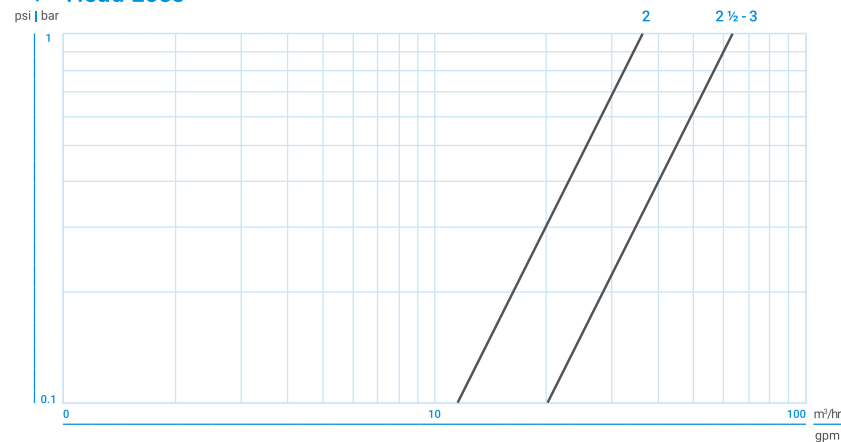
Nom Size	BSP (TPI)	NPT (TPI)	d (mm)	dk (mm)	E (mm)	L (mm)	H (mm)
2"	11.00	11.50	65.00	48.00	117.00	130.00	275.00
2½"	11.00	8.00	74.00	63.00	117.00	182.00	390.00
3"	11.00	8.00	93.00	74.00	117.00	182.00	390.00

## → Material Specifications

#	Part Name	Material	Qty.
1	Body	Reinforced PP	1
2	Flange	Reinforced PA	1
3	Disc	Reinforced PA	1
4	Handle	Reinforced PA	1
5	Cylinder	Reinforced PP	1
6	Pc housing	PP	1
7	Shaft	Reinforced PA+MS	1
8	Shaft O-ring	HNBR	2
9	Bottom gasket	HNBR	1
10	Sleeve gasket	HNBR	1
11	Handle screw	SS-304	1
12	Teflon seal big	Teflon	1
13	Teflon seal small	Teflon	1
14	Housing gasket	HNBR	2
15	Locking pin	SS-304	2
16	Dowel pin (4*30) ss	SS-304	2



## → Head Loss



\* When valve is fully closed

## → Catalog Numbers

Product Description	Catalog Number
NMV PP THROTTLE VLV 2" FFT BSP	77453-000200
NMV PP THROTTLE VLV 2½" FFT BSP	77453-000201
NMV PP THROTTLE VLV 3" FFT BSP	77453-000202

\* Can be also ordered in NPT standard if required