

Throttle Valves

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



Accurate



Resistant



Ultimate 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 through flow 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	

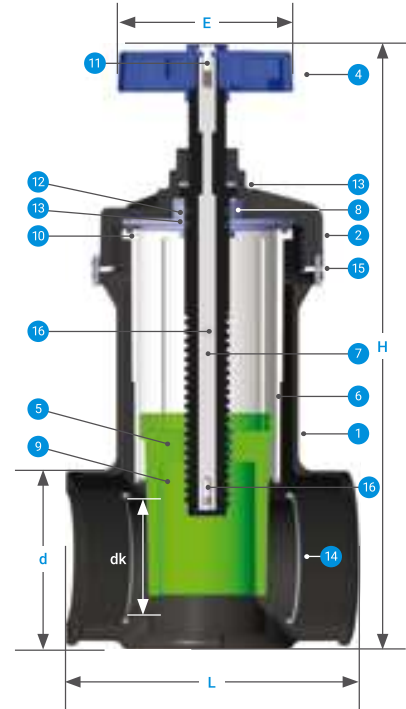
→ Technical Dimensions

Inlet Connector - Female Threaded / Outlet Connector - Female Threaded

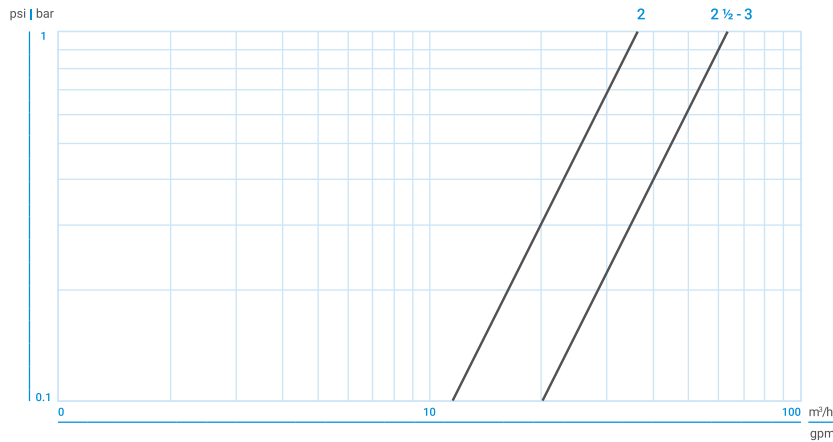
Nom Size	BSP (TPI)	NPT (TPI)	d (mm)	dk (mm)	E (mm)	L (mm)	H (mm)
2"	11.00	11.50	65.00	48.00	117.00	130.00	275.00
2½"	11.00	8.00	74.00	63.00	117.00	182.00	390.00
3"	11.00	8.00	93.00	74.00	117.00	182.00	390.00

→ 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