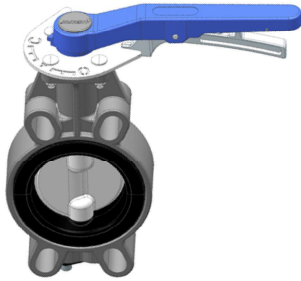


# Butterfly Valves

Physical shut-off, manual restrictions, control or service needs in irrigation head controls, field plots, nurseries, greenhouses, water conveyance systems.



High corrosion  
& UV resistance



High  
durability



Easy  
installation

## / Benefits & Features

→ Saves  
operation  
costs

A quarter turn shut-off valve, user-friendly design allowing smooth handle operation

Corrosion-resistant and UV-stabilized

Lightweight and very easy to install between two flanges, at any position, saves labor costs and multiple investments in maintenance

Highly reliable operation and durable over time

## / Specifications & Recommendations

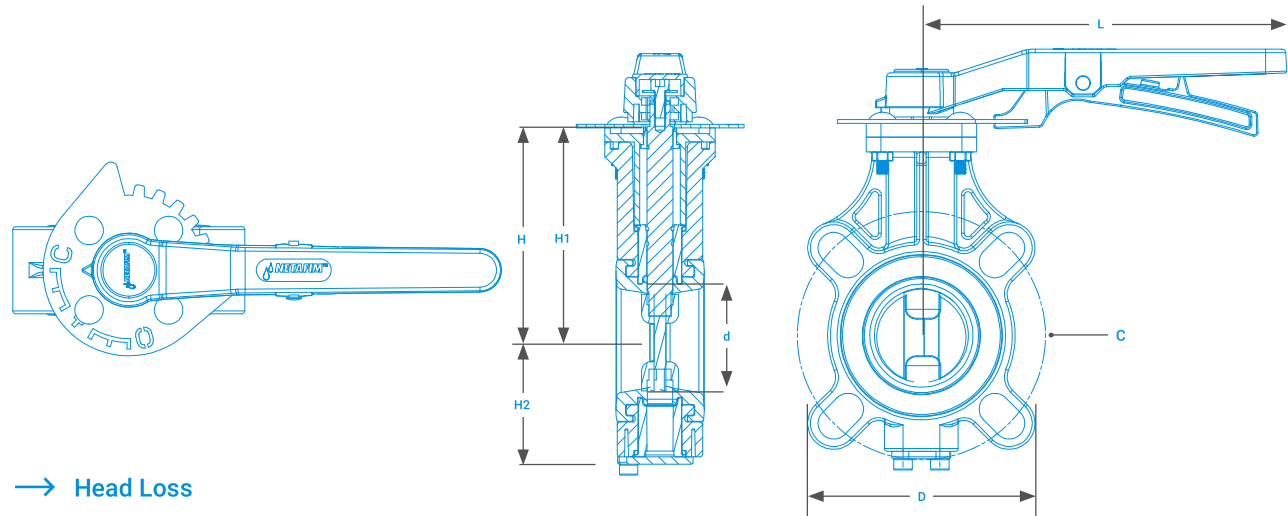
- For shutting off or manually regulating flow. Specifically designed for water and irrigation systems applications
- Ergonomic multifunctional handle enabling quick operation, with 15° adjustment graduations
- Drilling pattern with oval slots allowing coupling to flanges and complying with numerous international standards
- Can also be installed as an end line valve, bottom discharge valve or tank dump valve
- Operational up to 10bar
- Low torque required to activate the valve under pressure, due to low-friction stem bushing
- PVC resins feature high value material strength and extremely long lifetime
- Low head losses
- One-piece body made of PVC-U
- Disc is designed to ensure low torque and low head loss
- Suitable for piping in a limited space: 46mm (models 2", 2½", 3") and 56mm (model 4")

## → Packaging Data

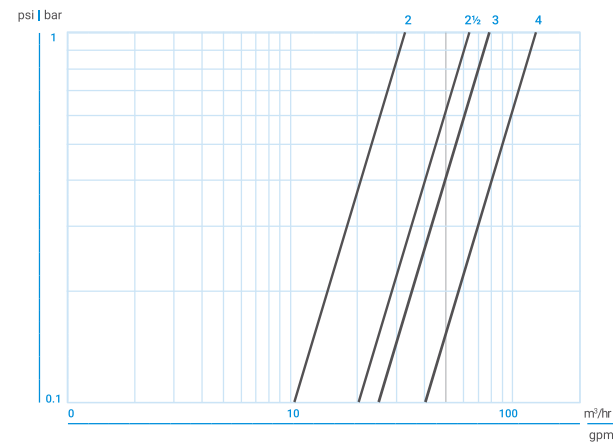
Model	Quantity P/Box (unit)	Box Sizes (cm x cm x cm)	Box Weight (kg)	Boxes P/Pallet
2"	2	39.5 x 28.5 x 13.0	2.98	48
2½"			3.40	
3"			3.73	
4"		40.0 x 37.5 x 13.5	5.79	30

## → Technical Dimensions

Mode Part	2"	2½"	3"	4"
d	50	65	80	100
D	117	112	128	162
H1	130	134	144	152
H2	71	88	91	106
H	165	174	182	197
L	198.5	198.5	198.5	279.0
C (POD)	120.8	137.5	155.5	183.0



## → Head Loss

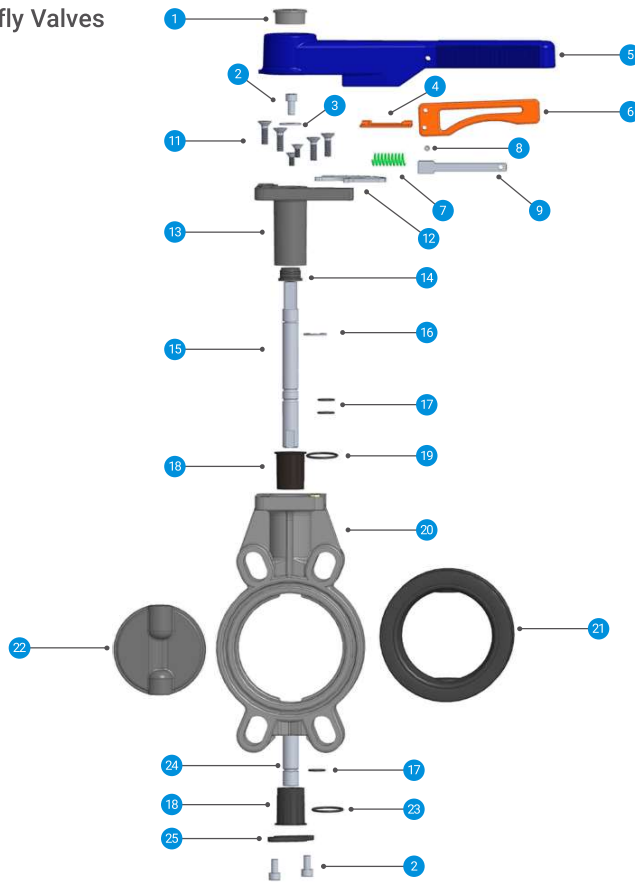


## → Catalog Numbers

Product Description	Catalog Number
NMV PVC B.FLY VLV 2" 4 S BTW FLNG	77452-000100
NMV PVC B.FLY VLV 2½" 4 S BTW FLNG	77452-000101
NMV PVC B.FLY VLV 3" 4 S BTW FLNG	77452-000102
NMV PVC B.FLY VLV 4" 4/8 S BTW FLNG	77452-000103

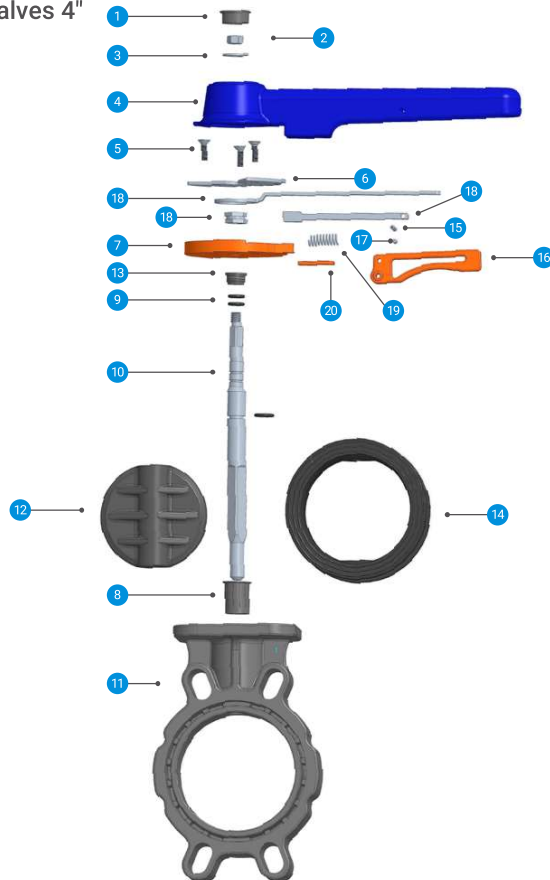
## → Material Specification

### PVC Butterfly Valves 2", 2½", 3"



#	Part Name	Material
1	Logo cap	ABS
2	Allen screw	SS304
3	Handle washer	SS304
4	Handle dowel	SS304/316
5	Handle	PPGF
6	Lever	ABS
7	Spring	SS304/316
8	Lever pin	SS304/316
9	Lever patti	SS304/316
10	Spring cover	PPGF
11	Csk screw	SS304/316
12	Cutch plate	SS304/316
13	Sleeve	PVC
14	Locking bush	MOS2
15	Big shaft	SS304/316
16	E-ring	SS304/316
17	Shaft O-ring	NBR
18	Big bush	MOS2
19	Bush O-ring	NBR
20	Body	PVC
21	Seal	EPDM
22	Disc	SS304/316
23	Bush O-ring	NBR
24	Small shaft	SS304
25	Base plate	POM

### PVC Butterfly Valves 4"



#	Part Name	Material
1	Logo cap	ABS
2	Hex bolt	SS304
3	Handle washer	SS304
4	Handle	ABS
5	Csk bolt	SS304/316
6	Clutch plate	SS304/316
7	Handle guider	ABS
8	Big bush	MOS2
9	Shaft O-ring	NBR
10	Shaft	SS304/316
11	Body	PVC
12	Disc	PVC
13	Locking bush	MOS2
14	Rubber seal	EPDM
15	Handle dowel	SS304/316
16	Lever	ABS
17	Lever dowel	SS304/316
18	Lever patti	SS304/316
19	Spring	SS304/316
20	Spring lock plate	ABS