

# ADIR SEMI AUTOMATIC FILTERS - DISC 50MM & 80MM

Tavlit's unique and innovative semi-automatic disc filters are designed for use in all irrigation systems and industry. This filter has the advantage of disc filtration without having to manually open the filter to clean the discs. Filters are available in sizes 50mm and 80mm.

### Special Features

- Flushing is performed simply by turning the operation handle a ¼ of a turn
- Water for flushing the discs is filtered with an internal screen
- Small footprint
- No external valves are required

### Applications

- Water filtration for Agriculture, Turf, domestic and industrial application
- Intended as a control filter in subsections for easy cleaning
- Most suitable for low quality water sources where the user prefers to clean the discs element without dismantling the filter

### Specifications

Max Recommended Operating Pressure:	1000kPa
Max Flow Rate:	50mm - 25m <sup>3</sup> /h 80mm - 50m <sup>3</sup> /h
Filtration Range:	40 - 140 mesh
Body Material:	Polypropylene & Nylon
End Connection Type:	Male BSP Thread
Minimum Flushing Pressure:	200kPa
Maximum Flushing Pressure:	600kPa
Flushing Flow Rate:	50mm - 15m <sup>3</sup> /h 80mm - 18m <sup>3</sup> /h
Required time for flushing:	10-20 seconds
Required time to flush the secondary port:	10 seconds

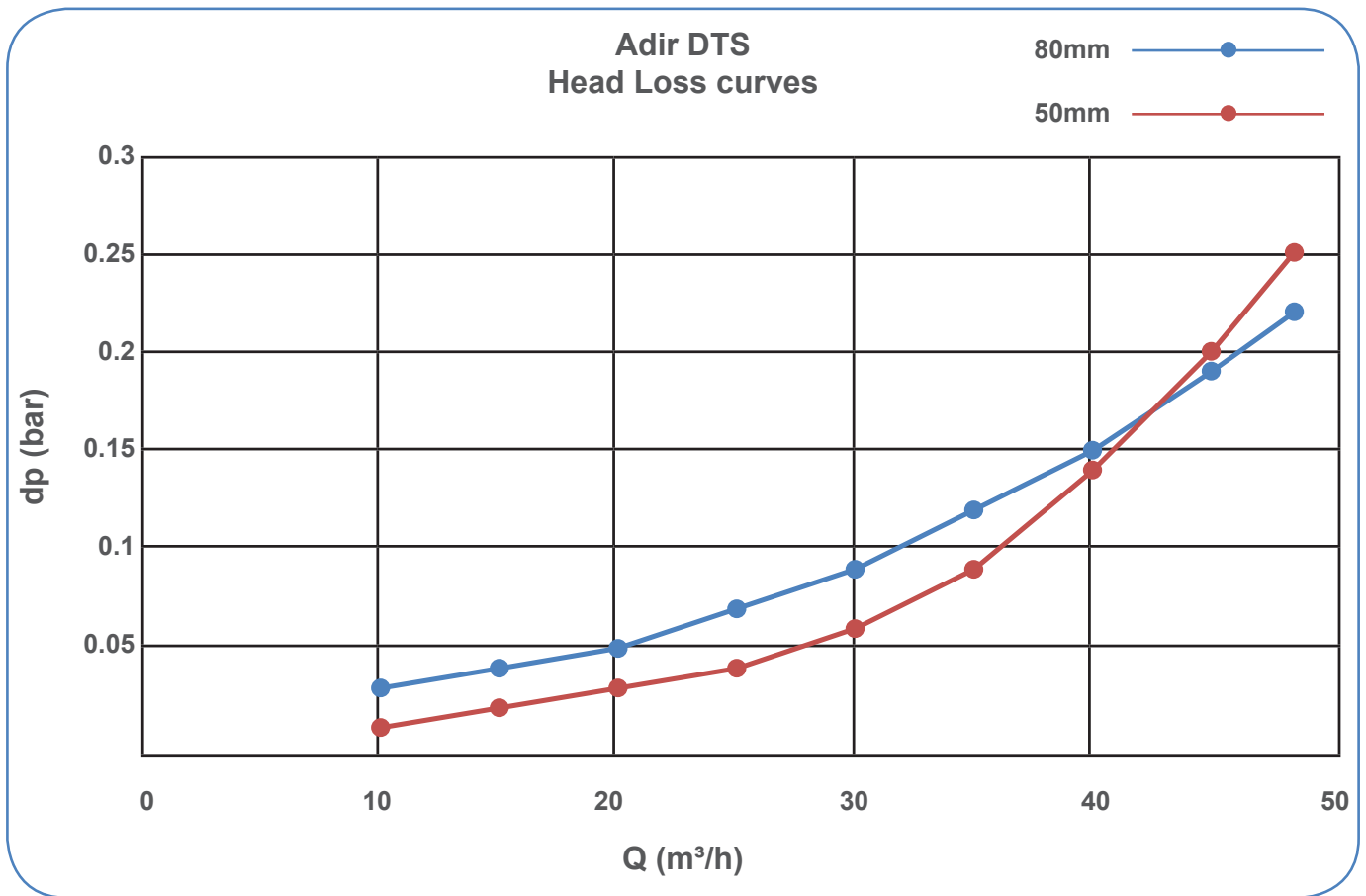


Part No.	Description
<b>50mm - Max Flow Rate 25m<sup>3</sup></b>	
<b>Disc Filters</b>	
SAF2MD80	50mm semi automatic disc filter 80 mesh
SAF2MD120	50mm semi automatic disc filter 120 mesh
<b>80mm - Max Flow Rate 50m<sup>3</sup></b>	
<b>Disc Filters</b>	
SAF3MD80	80mm semi automatic disc filter 80 mesh
SAF3MD120	80mm semi automatic disc filter 120 mesh



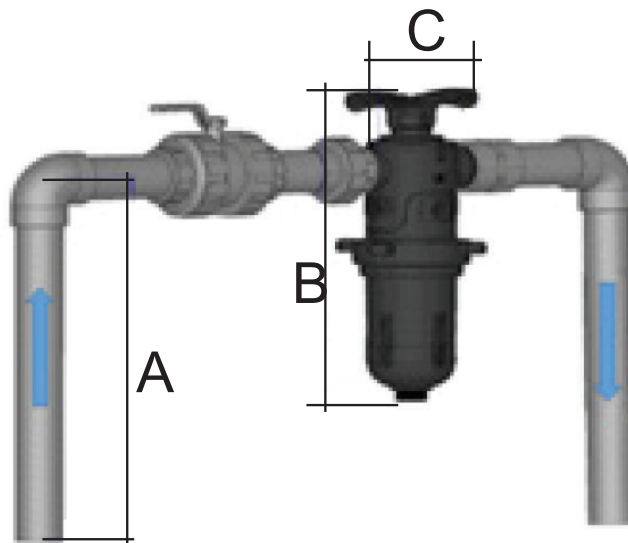
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HEAD LOSS CHART



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## FILTER DIMENSIONS



### Physical Dimensions

Dimensions (mm)	One Action	Two Action
A	750	950
B	645	795
C	235	235

### Weight (Empty)

Size	Model	Weight (kg)
50mm - 80mm	1 action	8.6
50mm - 80mm	2 action	9.3

### Technical Specification

Size		50S	80
Flow Rate	m <sup>3</sup> /h	25	50
Disc Filtration area	cm <sup>2</sup>	1,025	1,025
Disc Element	Mesh (micron)	40 - 140 (425 - 105)	40 - 140 (425 - 105)