Grooved End Flange

3", 4" & 6"

Designed for versatile connections. Available in sizes of 3", 4" & 6" grooved end flanges are ideal for linking pipes, valves, fittings, and specialty equipment like strainers and pressure vessels. Constructed from durable reinforced nylon and PVC, these flanges offer excellent performance in a variety of applications.



HIGHLIGHTS

- **Material Excellence:** Made from reinforced nylon and PVC, ensuring durability and reliability in various conditions.
- **Threaded Socket Options:** Available in 3", 4" & 6" BSP/NPT female threaded or plain socket configurations for flexible installation.
- **Standard Dimensions:** Flange dimensions conform to BS10 (Table D & E), ANSI Class 125/150, ISO 7001 (DIN), and BS EN 1092 standards.
- **Pressure Rating:** Capable of withstanding a maximum working pressure of 10 Bar, ensuring safe and effective operation in demanding environments.

APPLICATIONS

- **Pipe Connections:** Perfect for connecting various pipes in plumbing and irrigation systems.
- **Valves and Specialty Equipment:** Suitable for seamless integration with valves, strainers, and pressure vessels in industrial and agricultural setups.



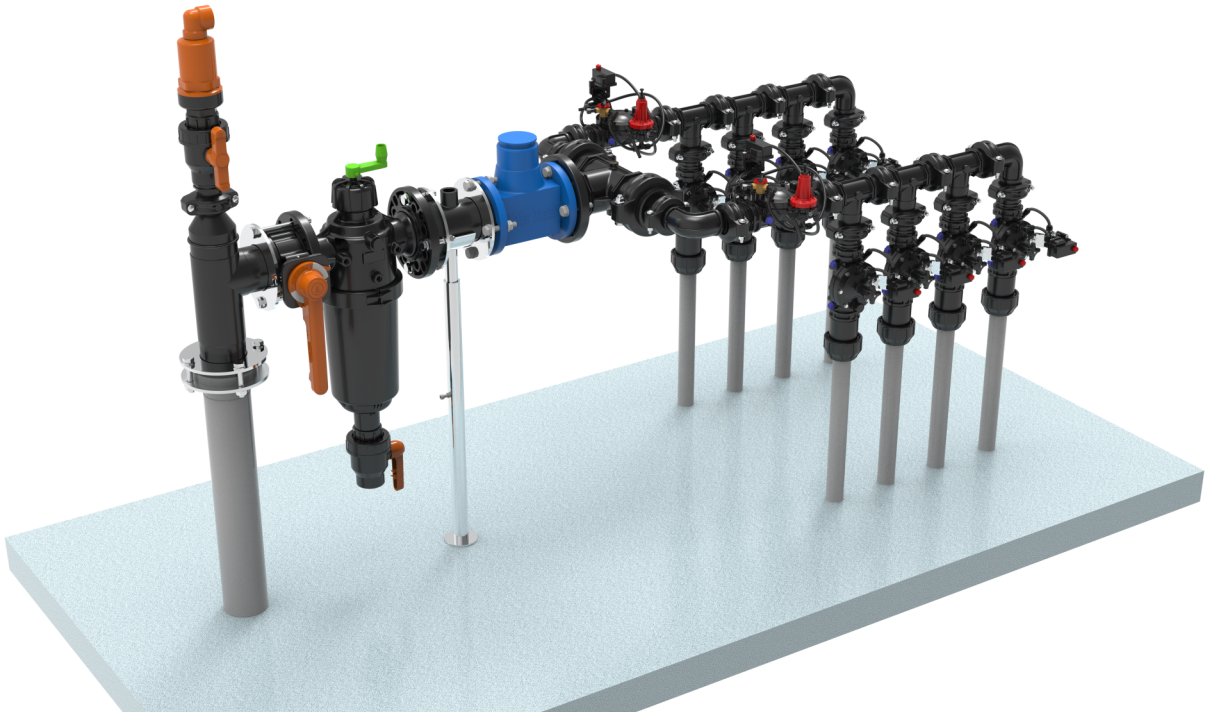
Technical Data & Dimensions

Nominal Dia, mm/inch	Max. Operating Pressure, kg/cm² (PSI)	Overall Dia, mm/inch	Bolt circle Dia, mm/ inch	Bolt circle Dia, mm/ inch	Flange Thickness, mm/inch	Overall Thickness, mm/inch	Bolt Dia, mm (inch)	No. of Bolt
DN	PN	A	B1	B2	D	E		
80 (3”)	10 (145)	202 / 7.95	151.5 / 5.97	164 / 6.46	24.75 / 0.97	30 / 1.18	M16	8
100 (4”)	10 (145)	229 / 9.02	175.5 / 6.91	190 / 7.48	24.75 / 0.97	35 / 1.38	M16	8
150 (6”)	10 (145)	300 / 11.81	235 / 9.25	261 / 10.28	31 / 1.22	37.5 / 1.48	M20	8



Part No	Description	Material
1	Grooved Flange	Reinforced Nylon
2	C-Clip	Polyacetal
3	Seal	NBR





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