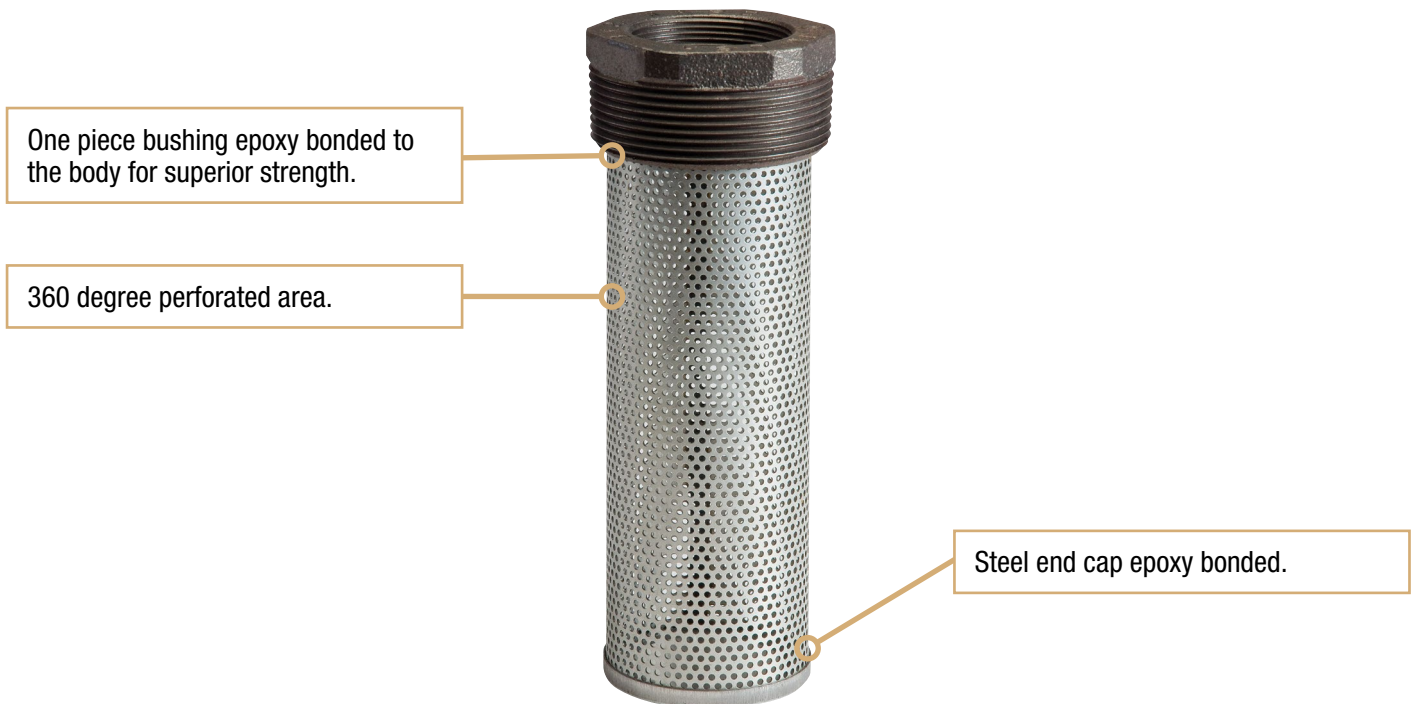


Tank Mount Diffusers



Benefits

- Recommended to be mounted horizontally in tank
- Can be highly effective in reducing aeration, foaming, turbulence and noise caused by return lines
- Flow rates to 100 GPM

Features

Flow diffusers are for hydraulic high-speed return lines, to slow down fluids entering the reservoir. They help cure foaming problems and prevent cavitation caused by flow disturbance at the pump inlet. They allow greater freedom in reservoir design and may even eliminate the need for tank baffling plates. They also reduce reservoir noise.

Choose from our line of hydraulic diffusers, or contact us about custom manufacturing a high-efficiency tank mount diffuser to meet your exacting hydraulic filtration needs.

Tank Mount Diffusers

Part Number	GPM	"A" NPT Size	"B" NPT Size	"C" Length	"D" Bushing Height	"E" Diameter	"F" Hex Diameter
TMD-5	5	1	1/2	5.34	1.06	1.13	1.50
TMD-10	10	1 1/4	3/4	8.17	1.20	1.36	1.80
TMD-15	15	1 1/2	1	8.20	1.22	1.66	2.00
TMD-25	25	2	1 1/4	9.04	1.32	2.12	2.56
TMD-50	50	3	2	9.70	1.74	3.00	3.75
TMD-100	100	4	3	11.30	1.75	3.94	4.65

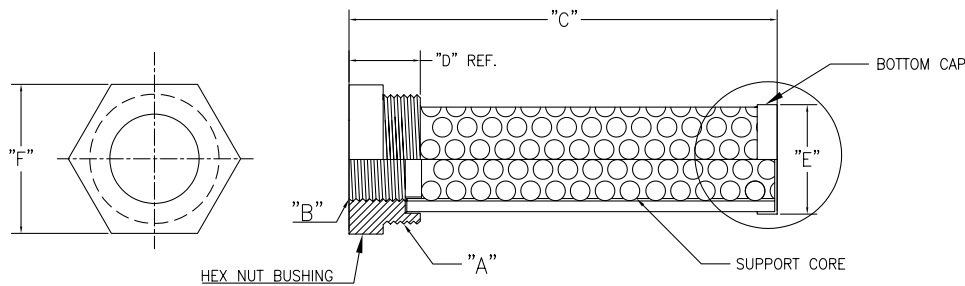
All dimensions are in inches and for reference only.

GPM based on return flow @ 20 ft/sec.

Part Number	GPM	"A" SAE Size	"B" SAE Size	"C" Length	"D" Bushing Height	"E" Diameter	"F" Hex Diameter
TMD-5-SAE-1608	5	16	08	5.40	1.12	1.13	1.50
TMD-10-SAE-2012	10	20	12	7.97	1.16	1.36	1.87
TMD-15-SAE-2416	15	24	16	7.97	1.12	1.66	2.12
TMD-25-SAE-3220	25	32	20	8.72	1.18	2.12	2.75
TMD-25-SAE-3224	25	32	24	8.72	1.18	2.12	2.75
*TMD-50-SAE-4824	50	48	24	9.46	1.50	3.07	2.50

All dimensions are in inches and for reference only.

*Zinc plated steel bushing (excludes TMD-50-SAE-4824) black anodized aluminum.



SAE O-Ring Thread Identification

Fitting Size	Dash Size	SAE Thread Size
SAE 8	-08	3/4 - 16
SAE 12	-12	1-1/16 - 12
SAE 16	-16	1-5/16 - 12
SAE 20	-20	1-5/8 - 12
SAE 24	-24	1-7/8 - 12
SAE 32	-32	2-1/2 - 12
SAE 48	-48	3-3/8 - 12