

# DM SERIES - METAL DIAPHRAGM VALVES



## FEATURES

- ◆ Y-pattern valve with large seat opening and high lift disc reduces head loss.
- ◆ Separate flow and control chambers permit positive closing.
- ◆ Spring assist available for low pressure or self-draining considerations.
- ◆ All components serviceable while valve is on line.
- ◆ Separate diaphragm chamber separates and protects diaphragm from flow stream extending diaphragm life.
- ◆ Components are durable. Valves manufactured by Aquamatic.

## OPTIONS

- ◆ Alternate seal and diaphragm materials are available for special applications.
- ◆ Spring assist is available for low pressure or self -draining considerations.
- ◆ Position indicating stem is available.
- ◆ Limit stops are available.
- ◆ Bronze body is available.

## CAT340.2

### SPECIFICATIONS – Valves manufactured by Aquamatic.

Body and cap	Cast iron
Diaphragm	Preformed stress relieved Nitrile (Buna-N) on Nylon
Static seals	Buna-N
Internals	Stainless Steel and Brass
Pipe sizes	¾" to 3" Female NPT 3" to 6" Flanged (ASA 16.1 class 125)
Working Pressure	125 psi
Maximum Temperature	150°F

Model No.	Size	Fitting	C <sub>v</sub>	Part Numbers		Parts Kit (1)
				N.O	N.C.	
DM075	¾"	FNPT	11.4	320095	320140	320566
DM100	1"	FNPT	12.8	320086	320141	320566
DM150	1 ½"	FNPT	32.5	320106	320142	320562
DM200	2"	FNPT	56	320174	320175	320563
DM250	2 ½"	FNPT	84	320136	320144	320564
DM300	3"	FNPT	134	320560	320560-1	320565
DM300F	3"	FLANGED	134	320560-2		320565
DM400F	4"	FLANGED	275	320095-4	320095-5	320567
DM600F	6"	FLANGED	680	320095-6		320568

(1) Part number listed is for diaphragm and seal kit. Add –3 to part number to order metal parts. Add –2 for normally closed valve metal parts. Use –V for Viton seals to increase temperature rating to 200°F. Seals are not included in metal parts kit. You must order both.

N.O. - Normally Open, N.C. - Normally Closed  
\*Viton is trade name for FKM

