



**TECHNO CHECK VALVE
SPECIFICATION**

SPEC NO.: 400-TECHNO-5050

STANDARD MODELS AND MATERIALS

STYLE	ANSI CLASS	BODY AND VALVE PLATES	SEALS	TRIM AND SPRINGS *
5050	125	Cast Iron + Bronze	EPDM	316 Stainless
5051	150	Carbon Steel	BUNA-N	316 Stainless
5051-316	150	316 Stainless Steel	BUNA-N	316 Stainless
5053	300	Carbon Steel	BUNA-N	316 Stainless
5053-316	300	316 Stainless Steel	BUNA-N	316 Stainless
5056	600	Carbon Steel	BUNA-N	316 Stainless
5056-316	600	316 Stainless Steel	BUNA-N	316 Stainless

Note: + Style 5050 is Standard with Cast Iron Body and Bronze Valve Plates. Consult factory for other materials of construction.

* Trim items include: Shaft Supports, Clamp Plates and Fasteners. Teflon Thrust Washers are Standard.

GENERAL DIMENSIONS

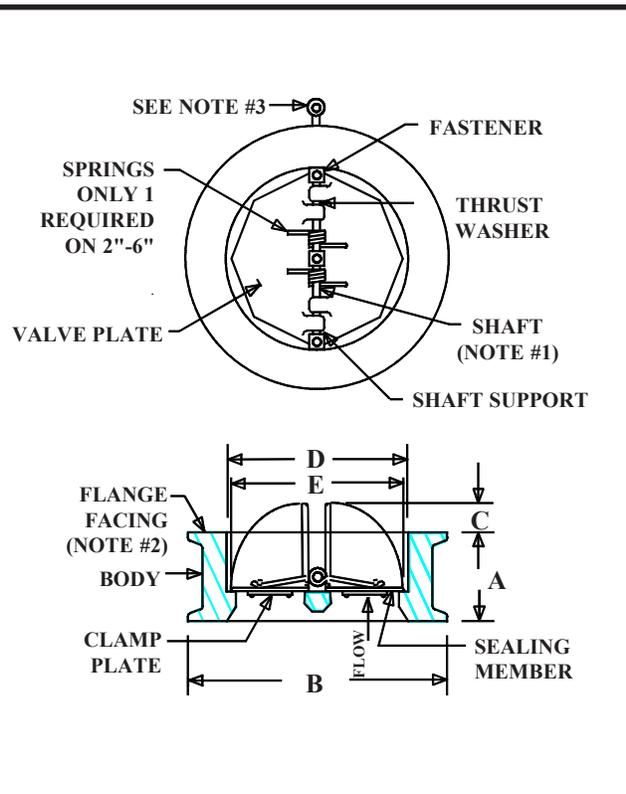
VALVE SIZE	ANSI CLASS	A	B	C	D	E
2"	125	2 1/8"	4 1/8"	-	2 1/8"	-
2 1/2"	125	2 1/8"	4 7/8"	1/8"	2 5/8"	1 3/8"
3"	125	2 1/4"	5 3/8"	3/8"	3 1/8"	2 1/8"
4"	125	2 1/2"	6 7/8"	7/8"	4 1/8"	3 1/2"
5"	125	2 3/4"	7 3/4"	1 1/4"	5 1/8"	4 1/2"
6"	125	3"	8 3/4"	1 7/8"	6 1/8"	5 3/4"
8"	125	3 3/4"	11"	2 3/4"	8 1/4"	7 7/8"
10"	125	4 1/4"	13 3/8"	3 7/8"	10 1/8"	9 7/8"
12"	125	5 5/8"	16 1/8"	4"	12 1/8"	11 1/2"
14"	125	7 1/4"	17 3/4"	3 1/2"	14 1/8"	12 1/2"
16"	125	7 1/2"	20 1/4"	4 3/4"	16 1/8"	15"
18"	125	8"	21 5/8"	5 5/8"	18 1/8"	16 7/8"
20"	125	8 3/8"	23 7/8"	6 1/2"	20 1/8"	18 13/16"
24"	125	8 3/4"	28 1/4"	8 1/4"	24 1/8"	22 5/8"
30"	125	12"	34 3/4"	10 1/4"	30 1/8"	28 5/8"

Note: E - Minimum bore diameter of companion flanges.

SEALING MEMBER DATA

MATERIALS	TEMPERATURE RANGE *	SPECIFICATIONS
- Buna-N	- 60 to 250 F	ASTM D2000-BG
- EPDM	- 40 to 350 F	ASTM D2000-CA
- Viton	- 20 to 400 F	ASTM D2000-HK
- Teflon	- 20 to 450 F	TFE Fluorocarbon Resin
- Silicone	- 90 to 550 F	ASTM D2000-GE
- FDA Approved White Neoprene	- 40 to 250 F	ASTM D2000-BE
- 316 Stainless Steel (Metal to metal)	-400 to 1000 F	ASTM A240-316

* This temperature is for general guidance and may vary with application and body/internal material selections.
 - Consult factory for materials not shown.
 - Stainless Steel thrust washers are standard with metal to metal sealing option.



- Note:
1. Shaft must be in vertical position for horizontal flow application.
 2. Plain face (non serrated) for style 5050 only. Raised faces (serrated) for all other carbon and stainless steel sizes.
 3. Lifting lug feature optional on 6" - 30" sizes.