

# DFT® Smart Part Number Scheme

DFT® has put into effect a Smart numbering system to assist in identifying and ordering DFT check valves. Within the part number you will be able to identify key elements of your check valve. Below is an example of how the smart number scheme will work.

Example: Excalibur 4" 600# WCB / 316 / X750 Spring/Spiral Wound gaskets

2 2	2	L	1	C	4	A	5	— — —
MODEL	BODY MATERIAL	SIZE	ENDS (1)	CLASS (2) RATING	TRIM MATERIALS	SEATING	SPRING	SPECIAL (3) (Consult Factory)
22= Excalibur	1= LCB	C=0.5	1= Raised Face	A=150	4=316	A=Metal	1=Hast C	<b>Based on Application, specials are available for:</b> <ul style="list-style-type: none"> <li>• Custom Sizing</li> <li>• Special cracking pressure variation</li> <li>• DSV Internal Finish Electropolish EP = 15 Ra R25 = 25 Ra</li> <li>• SCV Body Seals N=BUNA E=EPDM F=Viton TF=TFE/Viton W=Seal Welded</li> <li>• SS=Digester Severe Duty</li> <li>• BF= Boiler Feed Severe Duty (WLC only)</li> </ul>
31= PDC	2= WCB	D=0.75	2= RTJ	B=300 *	5=Monel	B=Buna-N (75 dur.)	3=316	
42= TLW	3= CK3MCuN	E=1	3= Flat Face	C=600	6=Alloy 20	C=EPDM	4=Monel	
47= Y-Calibur	5= 316/CF8M(4)	F=1.25	5= Socket Weld	D=900	8=410	D=Viton	5=X-750	
52= ALC	6= Monel	G=1.5	6=Grooved (Victaulic)	E=1500 *	9=Special	E=Kalrez	6=Alloy 20	
61= BNC	7= 317-L	H=2	7=Threaded NPT	F=2500	A=NAB	F=Stellite** Seat & Disc	7=17-7	
94= DLC	8= LCC	J=2.5	9= Special	Z=Special	E=Hast C	G= Teflon Encapsulated Viton	8=not used	
21= DSV	9= Special	K=3	A=DSV Vertical		F=Ti Gr 12	H=Viton F	9=special	
95= GLC	0= Repair Kit	L=4	B=DSV Horizontal		G=17-4	J=Buna 90 durometer	A= Ti 6-4	
83= SCV	A=Alloy 20	M=5	C= SCH 40 Butt Weld		H=316L	S=Special		
84= SCV-R	B=410 SS	N=6	D= SCH 80 Butt Weld			Z=Zelon		
90= WLC	C=WC9	O=8	E= SCH 120 Butt Weld			8=Stellite Seat only		
	D= NAB	P=10	F= SCH 160 Butt Weld					
	E= Hast C	R=12						
	F=Ti Gr 12	S=14						
	G= 316L/CF3M	T=16						
		U=18						
		W=20						
		X=24						
		Y=30						
		1=36						
		2=42						
		3=48						
		Z=Special						

**NOTES:**

- (1) **ENDS:** C-F are only for Welded End Valves
- (2) **DUAL CLASS:** Use the higher rating when selecting. Ex: 150/300=B
- (3) **SPECIALS:** Consult with DFT for Special Options or Alternatives based on application.
- (4) **For DSV Only:** Use body material code "5" for 316L
- \* For SCV & SCV-R, Class "B" identifies at 750 CWP, and Class "E" identifies at 3600 CWP
- \*\* Includes Seat and Disc

The Smart part number scheme does not apply to the following DFT models:

† Basic-Check Valves, Reducing Couplings, Restrictor Check Valves, Vacuum Breakers, FBC, GPV, or cast iron valves.

These model part numbers will remain unchanged.

**Body Seal Part Number Reference**

Material	Temperature	Old P/N†	Body & Seat	Only Body Seal
BUNA	-70° F to 250° F	- 49	= B	N
VITON	-40° F to 400° F	- 51	= D	F
ZELON	+37° F to 470° F (750CWP) +37° F to 400° F (3600CWP)	- 54	= Z	
EPDM	-75° F to 300° F	- 57	= C	E
TFE/VITON	-40° F to 400° F	- 98	= G	TF



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