

DANTE VALVE CO.
 15230 LAKEWOOD BLVD.
 BELLFLOWER, CA 90706
 PHONE (562) 866-6680 FAX (562) 925-7007

NOTES:
 1. NOT ALL OPTIONS ARE AVAILABLE ON THIS DESIGN.
 2. ALL MIL-V-20065D VALVES MUST USE "C" AS STEM MATERIAL.
 3. ALL MIL-V-20065C TYPE A-2 CLASS C VALVES MUST USE "B" OR "M" AS STEM MATERIAL.

DANCO VALVE VALVE IDENTIFICATION SYSTEM FULL-NOZZLE CONSTRUCTION (FORMERLY DN SERIES)



BODY MATERIAL	
K	CUNI 70/30 MIL-C-20159
T	BRONZE ASTM B61
U	STEEL/WCB ASTM A216
V	CRES/304L ASTM A276
W	MONEL QQ-N-288
X	CRES/CF8 ASTM A351
Y	CRES/CF8M ASTM A351

VALVE TYPE	
B1	BELLOWS, 1 PLY
B2	BELLOWS, 2 PLY
B3	BELLOWS, 3 PLY
C	CONVENTIONAL

VALVE MODEL	
A	MIL-V-24332 LIQUID SERVICE WITH LEVER
B	MIL-V-24332 LIQUID SERVICE WITH LEVER & GAG
C	MIL-V-22549 AIR/GAS SERVICE WITH LEVER
D	MIL-V-22549 AIR/GAS SERVICE WITH LEVER & GAG
E	MIL-V-22549 AIR/GAS SERVICE NO LEVER
F	MIL-V-22549 AIR/GAS SERVICE NO LEVER WITH GAG
G	MIL-V-20065C TY. A-2 CL. C (STEAM APPLICATIONS ONLY)
H	MIL-V-20065D TYPE I COMPOSITION A STEAM SERVICE
J	MIL-V-20065D TYPE I COMPOSITION B STEAM SERVICE
K	MIL-V-20065D TYPE I COMPOSITION D STEAM SERVICE
L	MIL-V-20065D TYPE II COMPOSITION A STEAM SERVICE
M	MIL-V-20065D TYPE II COMPOSITION B STEAM SERVICE
N	MIL-V-20065D TYPE II COMPOSITION D STEAM SERVICE
P	MIL-V-20065C TYPE A-2 CLASS B (HYDRAULIC OIL ONLY)
R	ASTM F1508 TYPE I GRADE A STEAM SERVICE
T	ASTM F1508 TYPE I GRADE B STEAM SERVICE
U	ASTM F1508 TYPE II GRADE C AIR/GAS SERVICE
V	ASTM F1508 TYPE II GRADE D AIR/GAS SERVICE
W	ASTM F1508 TYPE III GRADE E LIQUID SERVICE
X	ASTM F1508 TYPE III GRADE F LIQUID SERVICE
Z	SPECIAL APPLICATIONS (SPECIFY)

STEM MATERIAL	PART NO.
B	NAVAL BRASS ASTM B21
C	CRES/CR-13 ASTM A276
E	CRES/303 ASTM A582
M	MONEL QQ-N-281
S	CRES/304 ASTM A276 (STD.)

INLET CONNECTION TYPE	
G	FLANGED MIL-PRF-20042 (150 PSIG)
H	FLANGED MIL-PRF-20042 (250 PSIG)
J	FLANGED MIL-PRF-20042 (400 PSIG)
K	FLANGED ASME B16.24 (150 PSIG)
L	FLANGED ASME B16.24 (300 PSIG)
M	FLANGED ASME B16.24 (600 PSIG)
N	FLANGED ASME B16.5 (150 PSIG)
P	FLANGED ASME B16.5 (300 PSIG)
R	FLANGED ASME B16.5 (600 PSIG)
S	FLANGED ASME B16.5 (900 PSIG)
T	FLANGED ASME B16.5 (1500 PSIG)
Z	SPECIAL (SPECIFY)

MATL CODE	SPRING MATERIAL	MATERIAL SPECIFICATION	MAX. TEMP.
A	STAINLESS STEEL/302	ASTM A313	500°F
B	PHOSPHORUS BRONZE/GR A	ASTM B159	200°F
C	ALLOY STEEL 5160H (See Note 2)	ASTM A689/A29	425°F
D	STAINLESS STEEL/17-4PH	ASTM A564	550°F
E	STAINLESS STEEL/17-7PH	ASTM A313/ASTM A564	550°F
F	CARBON STEEL CL. 1 (Comm'l Quality)	ASTM A229	250°F
G	CARBON STEEL (Valve Quality)	ASTM A230	250°F
H	MUSIC WIRE	ASTM A228	250°F
I	INCONEL/600	QQ-W-390/ASTM B166	700°F
J	CHROME VANADIUM (Comm'l Quality)	ASTM A231	425°F
K	MONEL/K500 (See Note 1)	QQ-N-286	500°F
L	CHROME VANADIUM (Valve Quality)	ASTM A232	425°F
M	MONEL/400	QQ-N-281/B164	450°F
N	CHROME SILICON (Comm'l Quality)	ASTM A401	475°F
P	CHROME SILICON (Valve Quality)	ASTM A877	475°F
S	STAINLESS STEEL/316	ASTM A313/ASTM A276	550°F
T	TUNGSTEN/H-12	ASTM A681 (Chem. Only)	700°F
X	INCONEL/X750	AMS 5699/ASTM B637	1100°F
Y	INCONEL/718	ASTM B637	1200°F

NOTES:
 1) MATERIAL MUST BE FROM SPECIAL METALS CORP. 3200 Riverside Drive, Huntington, WV 25705 (800) 334-4626.
 2) REQUIRED FINAL HRC 44-48.

SPRING RANGE CODE

SPRING RANGES VARY ACCORDING TO SIZE AND SERVICE. PLEASE CONTACT DANCO VALVE CO. FOR SPRING RANGE INFORMATION FOR YOUR APPLICATION.

OUTLET CONNECTION TYPE	
G	FLANGED MIL-PRF-20042 (150 PSIG)
H	FLANGED MIL-PRF-20042 (250 PSIG)
J	FLANGED MIL-PRF-20042 (400 PSIG)
K	FLANGED ASME B16.24 (150 PSIG)
L	FLANGED ASME B16.24 (300 PSIG)
M	FLANGED ASME B16.24 (600 PSIG)
N	FLANGED ASME B16.5 (150 PSIG)
P	FLANGED ASME B16.5 (300 PSIG)
R	FLANGED ASME B16.5 (600 PSIG)
S	FLANGED ASME B16.5 (900 PSIG)
T	FLANGED ASME B16.5 (1500 PSIG)
Z	SPECIAL (SPECIFY)

INLET AND OUTLET SIZE	
A	1/4"
B	3/8"
C	1/2"
D	3/4"
E	1"
F	1 1/4"
G	1 1/2"
H	2"
J	2 1/2"
K	3"
L	3 1/2"
M	4"
N	5"
P	6"
R	8"
S	10"

ORIFICE SIZE	
C	
D	
E	
F	
G	
H	
J	
K	
L	
M	
N	
P	
Q	
R	
T	