

SPECIFICATIONS

Internal Trim Materials	Bronze and Stainless Steel
Standard Seal Material	Buna N
Max. Pressure Drop Across Valve	20 psi (1.4 Bar)
Valve Pressure Ratings at 250°F	
Cast Iron, Ductile Iron, Bronze	150 psi (10 Bar)
Cast Iron, Model BH	340 psi (23 Bar)
Steel, Class 150,	245 psi (17 Bar)
Steel, Class 300,	665 psi (46 Bar)
Stainless Steel Class 150,	228 psi (15 Bar)
Stainless Steel Class 300,	590 psi (41 Bar)

Shipping Weights:	Cast		Ductile	
	Iron	Iron	Bronze	Steel
1-1/2BO/2BO	25	--	--	--
1-1/2BH/2BH	32	--	--	--
1-1/2BM	--	--	25	--
2BC, BM	30	30	35	45
2BF	35	35	40	--
2-1/2B	55	55	75	75
3B	60	60	80	80
4B	135	135	150	--
5B	200	200	240	--
6B	270	270	300	--

HOW TO ORDER

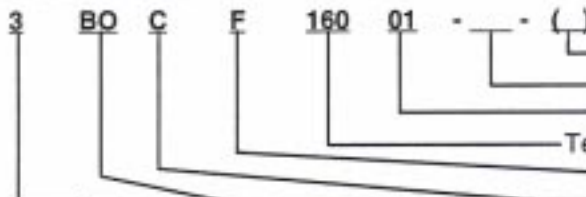
(Refer to Model Code System Below.)

When ordering please specify the following:

1. Valve size connection (see Table A).
2. Valve Type (see Table B).
3. Housing material (see Table C).
4. Type of End Connection (see Table D).
5. Nominal temperature setting (see Table E).
6. Any of the following special features if required:
 - a) Viton or neoprene seals (instead of Buna N).
 - b) Electroless Nickel plated temperature element assembly.
 - c) Element leak hole (see Table G).
 - d) Reduced stroke element assembly for high over-temperature.

This product may be ordered using the full description as shown above or by constructing a Model No. using the Model Code System below. For special requirements, contact the AMOT factory or your local representative.

MODEL CODE SYSTEM



Special Requirements, (MTO) Made-To-Order
 Element Assembly Leak Hole, See Table G
 Element Assembly Type, See Table F
 Temperature Setting, See Table E

TABLE A Valve Size Inches (mm)		TABLE B Valve Type Code No.		TABLE C Body Material Code No. Material		TABLE D* Connections Code No. End Type	
1-1/2 (40)		BO	Standard	C	Cast Iron	F	ANSI B16.1 Class 125 FF Flange
2 (50)		BM	Manual Override	S	Steel	J	ANSI B16.5 Class 150 RF Flange
2-1/2 (65)		BC	Tee config, Flanged	B	Bronze	H	ANSI B16.34 Class 300 RF Flange
3 (80)			1-1/2, 2" only	D	Ductile Iron	A	ND6 (Metric) Flange
4 (100)		BF	Flanged, 2" only	R	Stainless Steel	B	ND10 (Metric) Flange
5 (125)		BH	1-1/2, 2" only			C	ND16 (Metric) Flange
6 (150)		BR	Manual override (UK)			N	Navy Flange
8 (200)						P	JIS 5K FF Flange
						T	NPT Threaded
						V	BSP-TR / JIS Threaded
						W	SAE Threaded (straight thread, O-ring seal)

TABLE E Temperature Setting			TABLE E (Continued) Temperature Setting		
Code No.	Nominal Temp °F	(°C)	Code No.	Nominal Temp °F	(°C)
*055	55	(13)	160	160	(71)
075	75	(24)	165	165	(74)
090	90	(32)	170	170	(77)
095	95	(35)	175	175	(79)
100	100	(38)	180	180	(83)
105	105	(41)	185	185	(85)
110	110	(43)	195	195	(91)
115	115	(46)	205	205	(96)
120	120	(49)	215	215	(102)
*130	130	(54)	225	225	(107)
135	135	(57)	230	230	(110)
140	140	(60)	235	235	(113)
145	145	(63)	240	240	(116)
*150	150	(66)	Temperatures apply only to 1096 and 2433 Element Assemblies.		
155	155	(69)			

TABLE F Element Assembly Type		
Code No.	Element	Assembly Type
01	1096X	Standard
02	1096P	Plated with Viton
03	1096X	with Viton seals
07	2433X	Manual Override
11	5566X	Reduced stroke
05	6836S	Saltwater
44	1096X	with Neoprene
45	1096P	with Neoprene
20	5566X	with Viton
12	5566P	Plated
53	2433X	with Viton
50	6836K	Electroless Nickel with Neoprene

TABLE G Element Assembly Leak Hole		
Code No.	Size	Inches (mm)
none (standard)		
A	1/2"	(12.5)
B	1/4"	(6.4)
C	3/8"	(9.5)
D	1/8"	(3.2)
E	1/16"	(1.6)
F	3/32"	(2.4)
G	3/16"	(4.8)
H	5/16"	(7.9)

* = Also avail. as reduced stroke.
 [Shaded Box] Indicates Non-Standard, MTO