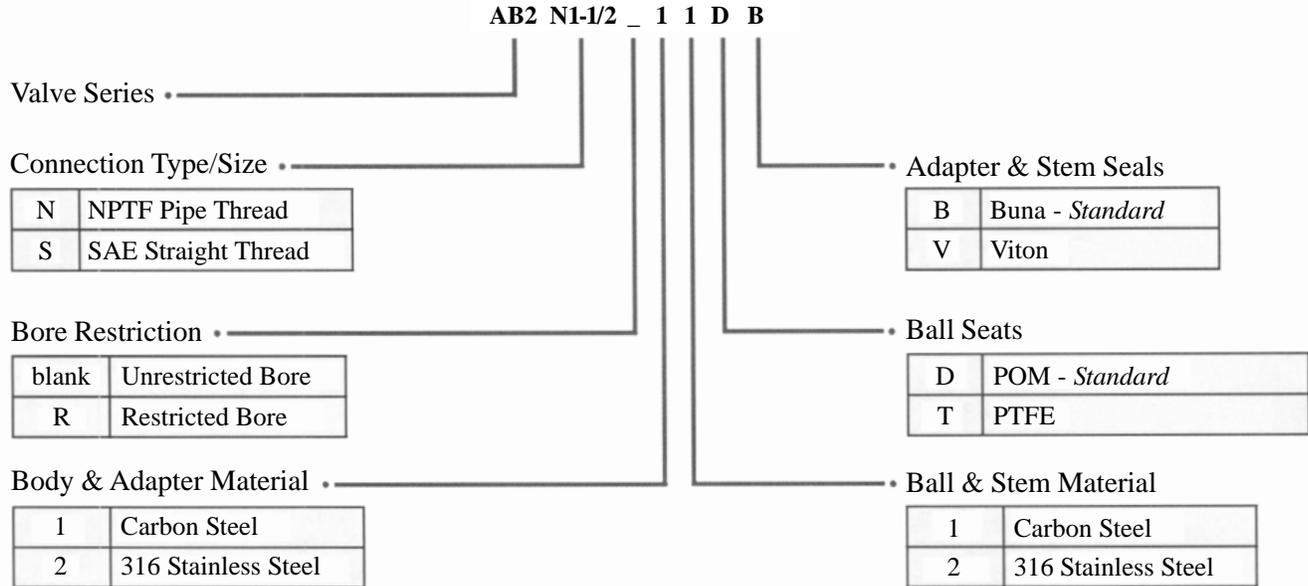
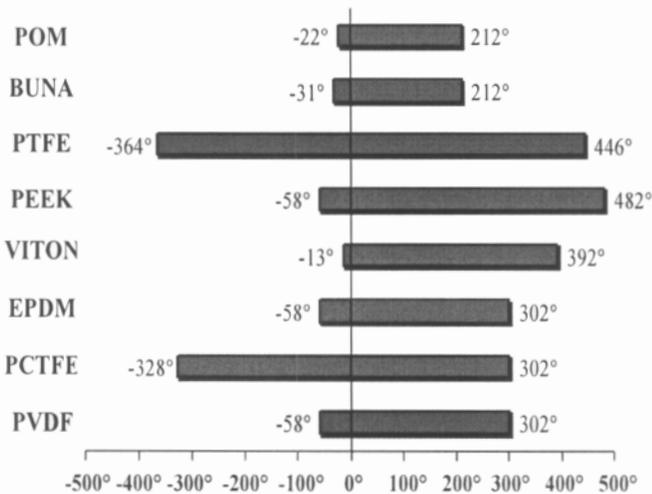


**Model Code Breakdown**



*Locking Kit available by adding an "L" to the end of the part #.*

**MAXIMUM & MINIMUM  
WORKING TEMPERATURES  
FOR SEAL MATERIALS**



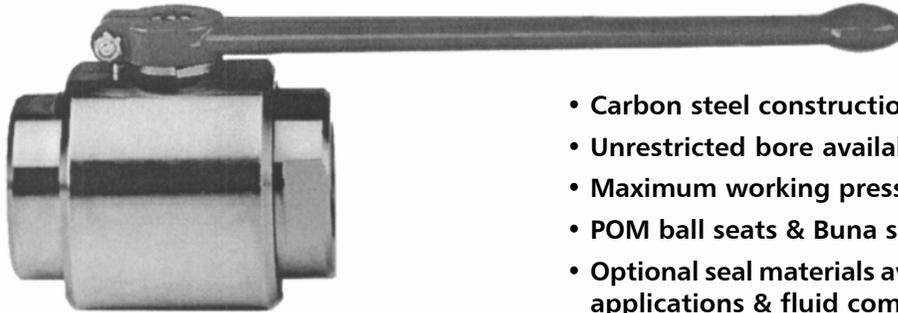
*All temperatures are in degrees Fahrenheit.*

**SEAL KITS AVAILABLE  
FROM STOCK**

Valve Size	POM & Buna	PTFE & Viton	POM & Viton
1/4"	KEST1AH	KEST1GH	KEST1BH
3/8"	KEST2AH	KEST2GH	KEST2BH
1/2"	KEST3AH	KEST3GH	KEST3BH
3/4"	KEST4AH	KEST4GH	KEST4BH
1"	KEST5AH	KEST5GH	KEST5BH
1-1/4" R	KEST5AH	KEST5GH	KEST5BH
1-1/2" R	KEST5AH	KEST5GH	KEST5GH

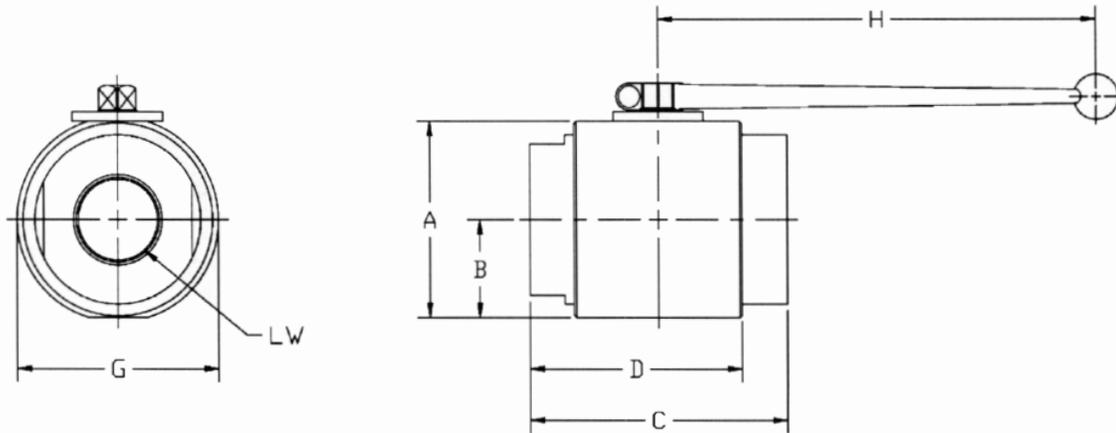
*Seal kit includes 2 ball seats, 1 stem seal, 2 adapter o-rings, & 1 stem o-ring.*

**AB2 Series / Two-Way Round Body Threaded**  
**Sizes: 1-1/4" to 2"**



- Carbon steel construction with Zinc Dichromate plating
- Unrestricted bore available through 2" size
- Maximum working pressure of up to 5075 PSI
- POM ball seats & Buna seals standard
- Optional seal materials available for extreme temperature applications & fluid compatibility (*Consult Factory*)

**Valves**



Standard handle supplied is C2890AV.

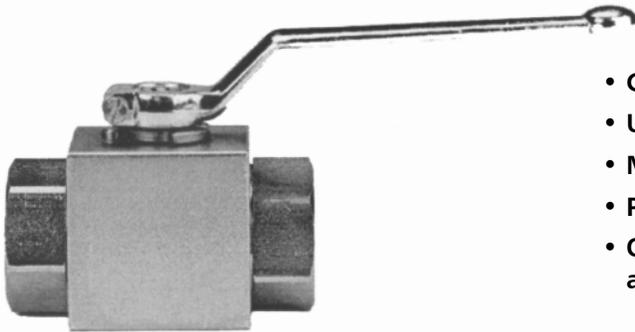
	SERIES		PSI Max	Bore	A	B	C	D	G	H	Weight
	NPT	SAE									
Full Bore	AB2 N1-1/4	AB2 S20	5075	1.26	3.25	1.65	4.53	3.74	3.46	11.81	8.3 lbs
	AB2 N1-1/2	AB2 S24	5075	1.57	3.86	1.89	5.16	4.25	4.02	11.81	12.5 lbs
	AB2 N2	AB2 S32	5075	1.97	4.06	2.03	5.51	4.53	4.29	11.81	14.6 lbs
Reduced Bore	AB2 N2R	N/A	5075	1.57	3.86	1.89	5.16	4.25	4.02	11.81	13.5 lbs

NPT threads in accordance with ANSI B.1.20.1 specifications • SAE threads in accordance with SAE J1926/1 specifications



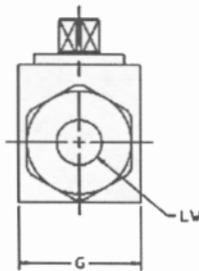
**AE2 Series / Two-Way Block Body Threaded**

Sizes: 1/8" to 1-1/2"

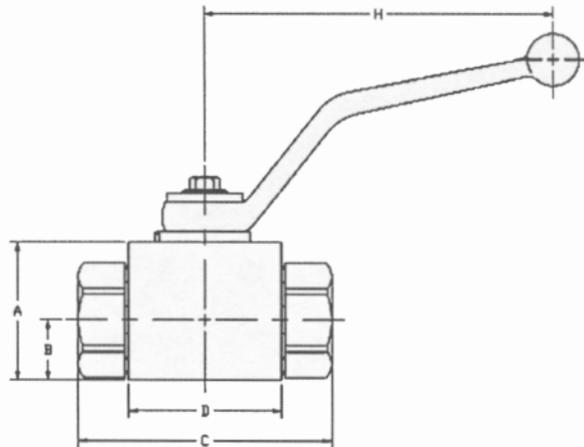


- Carbon steel construction with Zinc Dichromate plating
- Unrestricted bore up to 1" size
- Maximum working pressure of up to 7250 PSI
- POM ball seats & Buna seals standard
- Optional seal materials available for extreme temperature applications & fluid compatibility (*Consult Factory*)

**Valves**



Standard handles supplied are:



1/8" - 1/2"  
3/4" - 1-1/2"

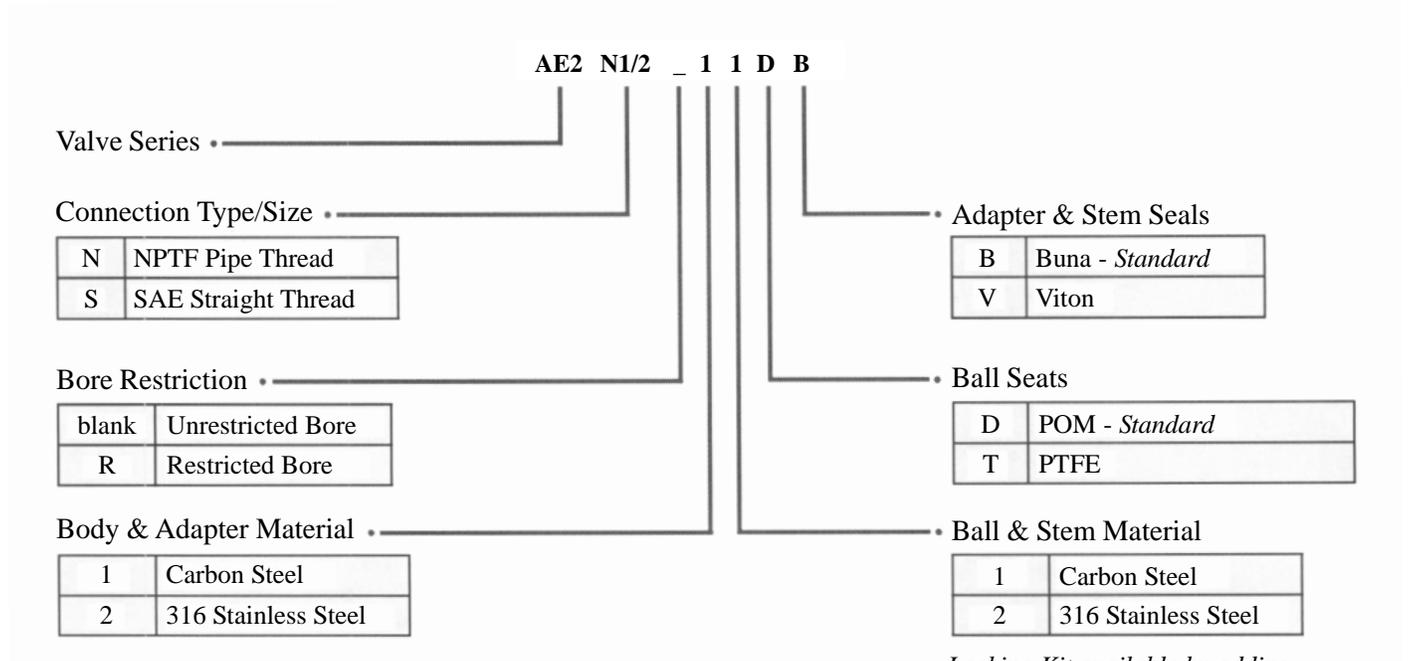
C1010ZB  
C1200ZB

	SERIES				A				G		H	Weight		
	NPT	SAE	PSI Max	Bore	Carbon	Stainless	C/F	B	C	D			Carbon	Stainless
Full Bore	AE2 N1/8	N/A	7250	.16	1.38	1.38	C/F	0.55	2.80	1.65	1.18	1.18	4.33	1.1 lbs
	AE2 N1/4	AE2 S4	7250	.24	1.38	1.38		0.55	2.80	1.65	1.18	1.38	4.33	1.1 lbs
	AE2 N3/8	AE2 S6	7250	.39	1.57	1.57		0.67	2.87	1.73	1.38	1.57	4.33	1.4 lbs
	AE2 N1/2	AE2 S8	7250	.51	1.69	1.77		0.71	3.27	1.89	1.46	1.77	4.33	1.7 lbs
	AE2 N3/4	AE2 S12	5800	.79	2.17	2.17		0.91	3.74	2.44	1.77	2.17	7.09	3.1 lbs
	AE2 N1	AE2 S16	5075	.98	2.56	2.56		1.14	4.45	2.60	2.17	2.56	7.09	4.7 lbs
Reduced Bore	AE2 N1-1/4R	AE2 S20R	5075	.98	2.56	2.56		1.14	4.76	2.60	2.17	2.56	7.09	5.0 lbs
	AE2 N1-1/2R	AE2 S24R	5075	.98	2.56	2.56		1.14	4.88	2.60	2.17	2.56	7.09	5.2 lbs

NPT threads in accordance with ANSI B.1.20.1 specifications • SAE threads in accordance with SAE J1926/1 specifications



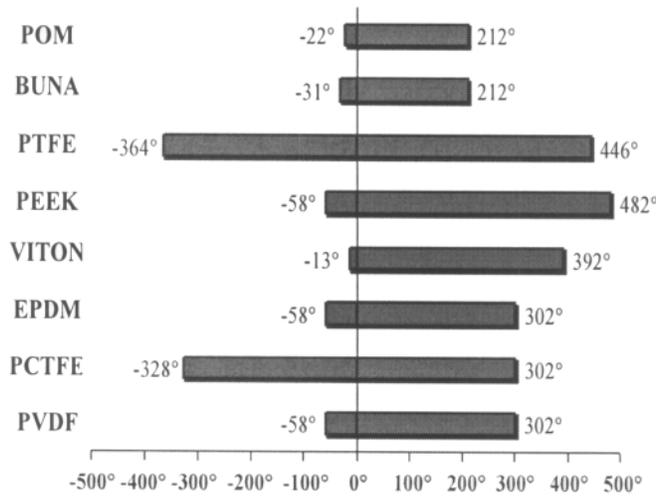
**Model Code Breakdown**



**Valves**

*Locking Kit available by adding an "L" to the end of the part #.*

**MAXIMUM & MINIMUM  
WORKING TEMPERATURES  
FOR SEAL MATERIALS**



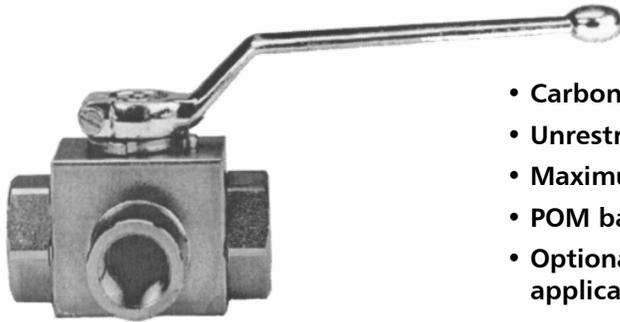
*All temperatures are in degrees Fahrenheit.*

**SEAL KITS AVAILABLE  
FROM STOCK**

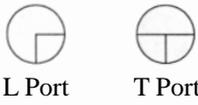
Valve Size	POM & Buna	PTFE & Viton	POM & Viton
1-1/4"	KBST6AH	KBST6GH	KBST6BH
1-1/2"	KBST7AH	KBST7GH	KBST7BH
2" R	KBST7AH	KBST7GH	KBST7BH
2"	KBST8AH	KBST8GH	KBST8BH

*Seal kit includes 2 ball seats, 1 stem seal, 2 adapter o-rings, & 1 stem o-ring.*

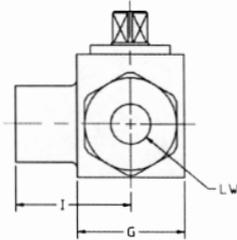
**AE3 Series / Three-Way Block Body Threaded**  
**Sizes: 1/8" to 1-1/2"**



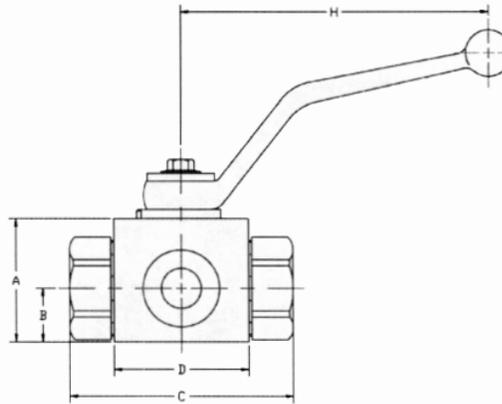
- Carbon steel construction with Zinc Dichromate plating
- Unrestricted bore up to 1" size
- Maximum working pressure of up to 7250 PSI
- POM ball seats & Buna seals standard
- Optional seal materials available for extreme temperature applications & fluid compatibility (*Consult Factory*)



L Port      T Port  
 L Port is standard, T Port is available  
 (*Consult Factory*)



Standard handles supplied are:



1/8" - 1/2"  
 3/4" - 1-1/2"

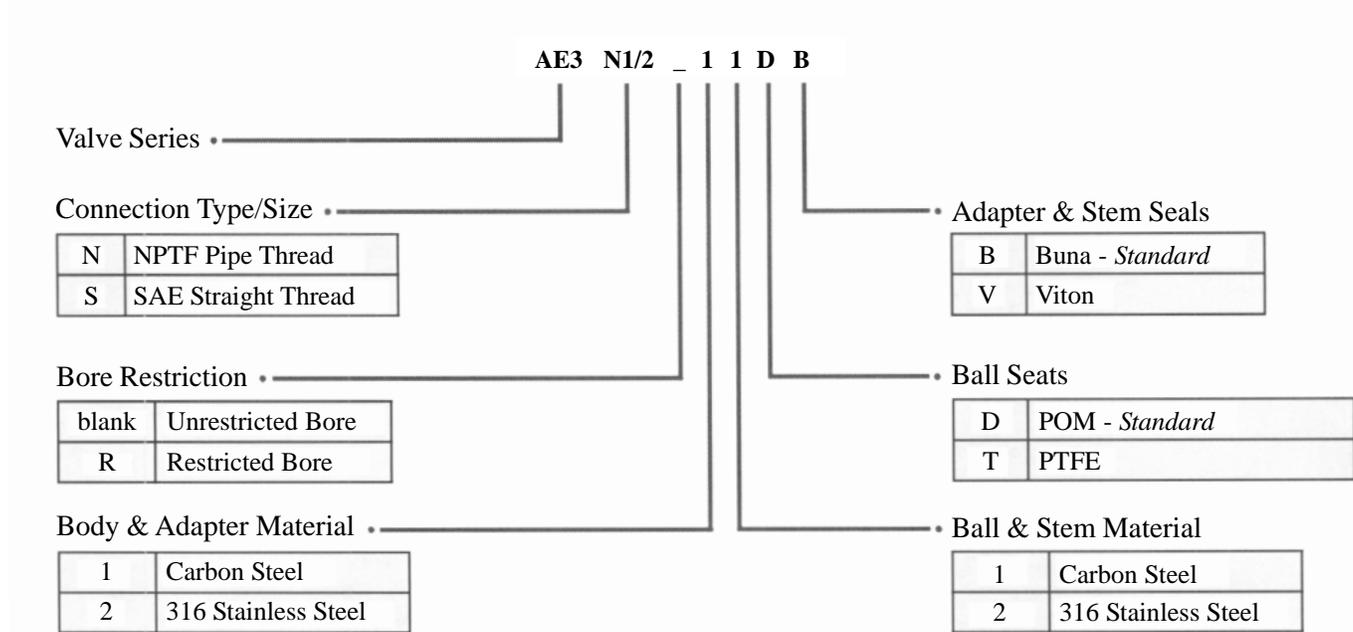
C1010ZB  
 C1200ZB

	SERIES		PSI Max	Bore	A	B	C	D	G	H	I	Weight
	NPT	SAE										
Full Bore	AE3 N1/8	N/A	5800	.16	1.38	0.55	2.80	1.65	1.18	4.33	1.32	1.1 lbs
	AE3 N1/4	AE3 S4	5800	.24	1.38	0.55	2.80	1.65	1.18	4.33	1.32	1.1 lbs
	AE3 N3/8	AE3 S6	5800	.39	1.57	0.67	2.87	1.73	1.38	4.33	1.46	1.5 lbs
	AE3 N1/2	AE3 S8	5075	.51	1.69	0.71	3.27	1.89	1.46	4.33	1.57	1.8 lbs
	AE3 N3/4	AE3 S12	5075	.79	2.17	0.91	3.74	2.44	1.77	7.09	2.05	3.3 lbs
	AE3 N1	AE3 S16	5075	.98	2.56	1.14	4.45	2.60	2.17	7.09	2.36	5.2 lbs
Reduced Bore	AE3 N1-1/4R	AE3 S20R	5075	.98	2.56	1.14	4.76	2.60	2.17	7.09	2.42	5.5 lbs
	AE3 N1-1/2R	AE3 S24R	5075	.98	2.56	1.14	4.88	2.60	2.17	7.09	2.42	6.0 lbs

NPT threads in accordance with ANSI B.1.20.1 specifications • SAE threads in accordance with SAE J1926/1 specifications



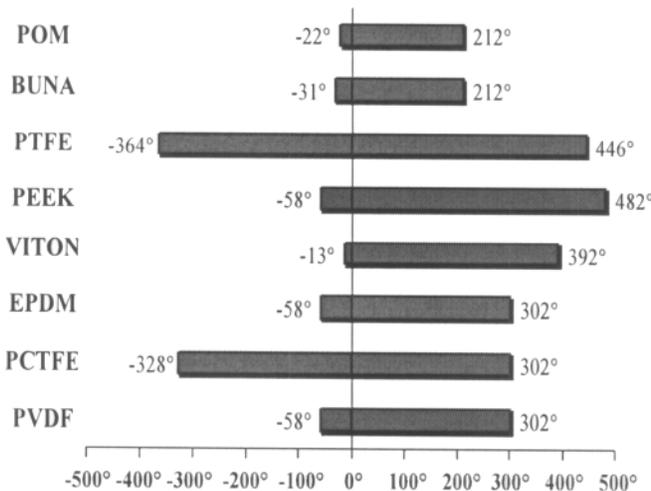
**Model Code Breakdown**



**Valves**

*Locking Kit available by adding an "L" to the end of the part #.*

**MAXIMUM & MINIMUM  
WORKING TEMPERATURES  
FOR SEAL MATERIALS**



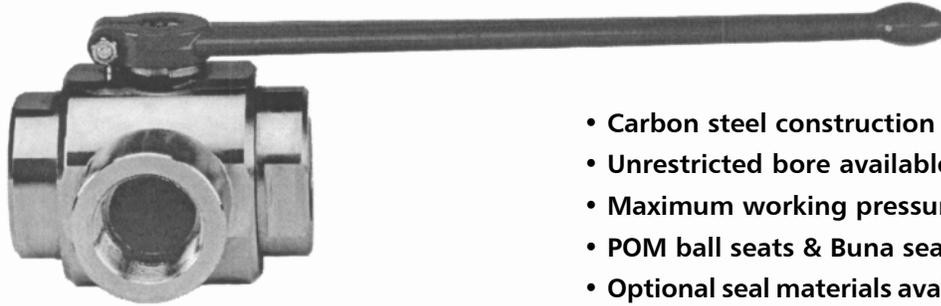
*All temperatures are in degrees Fahrenheit.*

**SEAL KITS AVAILABLE  
FROM STOCK**

Valve Size	POM & Buna	PTFE & Viton	POM & Viton
1/4"	KEST1AH	KEST1GH	KEST1BH
3/8"	KEST2AH	KEST2GH	KEST2BH
1/2"	KEST3AH	KEST3GH	KEST3BH
3/4"	KEST4AH	KEST4GH	KEST4BH
1"	KEST5AH	KEST5GH	KEST5BH
1-1/4" R	KEST5AH	KEST5GH	KEST5BH
1-1/2" R	KEST5AH	KEST5GH	KEST5GH

*Seal kit includes 2 ball seats, 1 stem seal, 2 adapter o-rings, & 1 stem o-ring.*

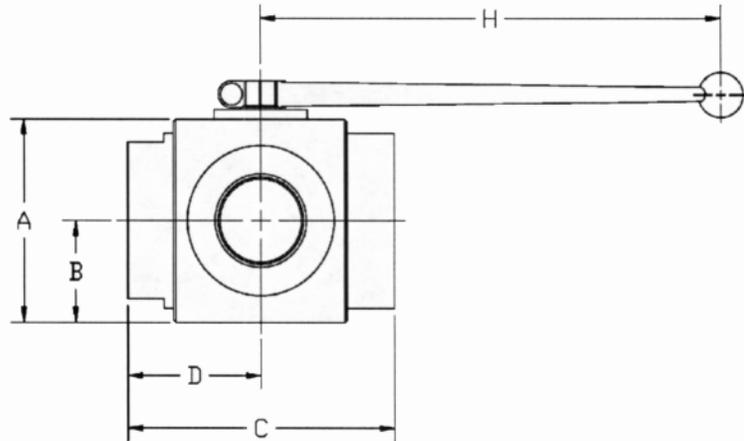
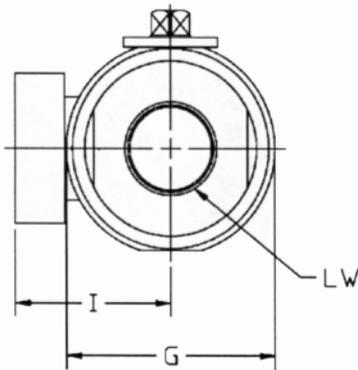
**AB3 Series / Three-Way Round Body Threaded**  
**Sizes: 1-1/4" to 2"**



L Port      T Port

L Port is standard, T Port is available  
 (Consult Factory)

- Carbon steel construction with Zinc Dichromate plating
- Unrestricted bore available through 2" size
- Maximum working pressure of up to 5075 PSI
- POM ball seats & Buna seals standard
- Optional seal materials available for extreme temperature applications & fluid compatibility (Consult Factory)



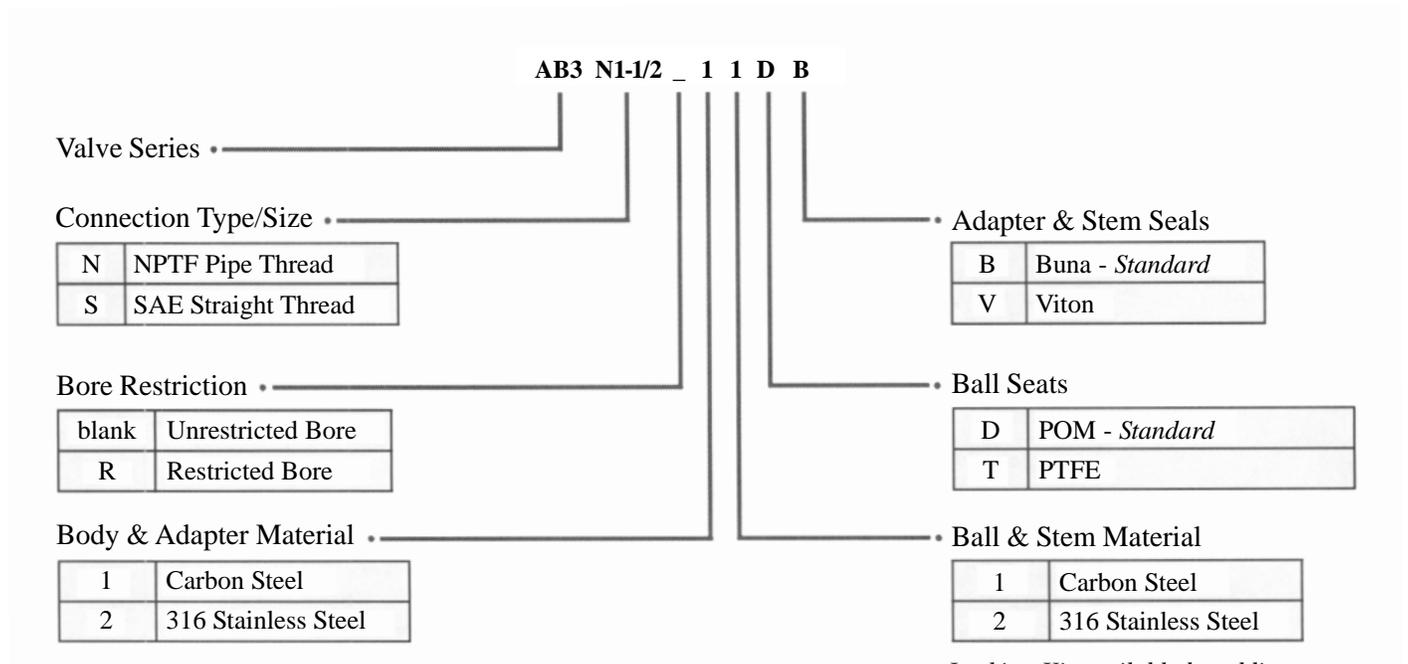
Standard handle supplied is C2890AV.

	SERIES		PSI Max	Bore	A	B	C	D	G	H	I	Weight
	NPT	SAE										
Full Bore	AB3 N1-1/4	AB3 S20	5075	1.26	3.25	1.65	4.53	3.74	3.46	11.81	3.07	8.6 lbs
	AB3 N1-1/2	AB3 S24	5075	1.57	3.86	1.89	5.16	4.25	4.02	11.81	3.46	13.1 lbs
	AB3 N2	AB3 S32	5075	1.97	4.06	2.03	5.51	4.53	4.29	11.81	3.66	16.6 lbs
Reduced Bore	AB3 N2R	N/A	5075	1.57	3.86	1.89	5.16	4.25	4.02	11.81	3.46	15.5 lbs

NPT threads in accordance with ANSI B.1.20.1 specifications • SAE threads in accordance with SAE J1926/1 specifications



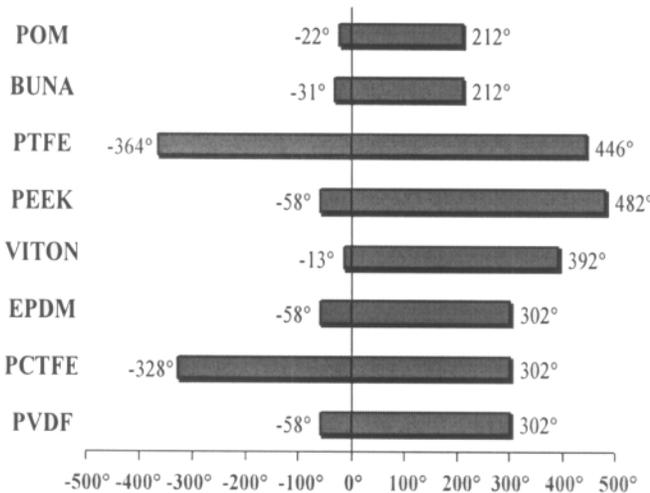
**Model Code Breakdown**



**Valves**

*Locking Kit available by adding an "L" to the end of the part #.*

**MAXIMUM & MINIMUM  
WORKING TEMPERATURES  
FOR SEAL MATERIALS**



*All temperatures are in degrees Fahrenheit.*

**SEAL KITS AVAILABLE  
FROM STOCK**

Valve Size	POM & Buna	PTFE & Viton	POM & Viton
1-1/4"	KBST6AH	KBST6GH	KBST6BH
1-1/2"	KBST7AH	KBST7GH	KBST7BH
2" R	KBST7AH	KBST7GH	KBST7BH
2"	KBST8AH	KBST8GH	KBST8BH

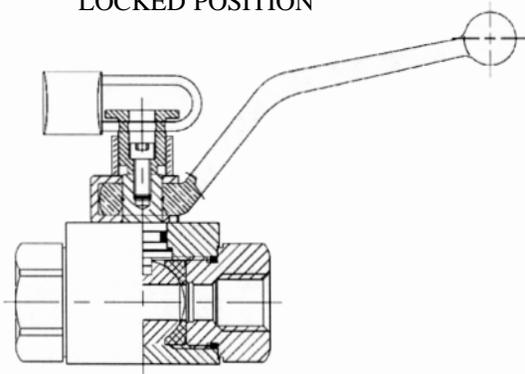
*Seal kit includes 2 ball seats, 1 stem seal, 2 adapter o-rings, & 1 stem o-ring.*

**Locking Kits & Handles**

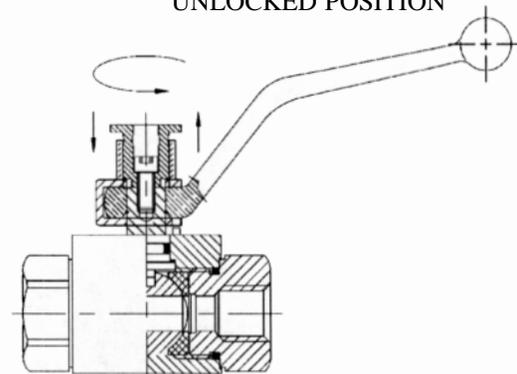
**LOCKING KITS**

Part Number	Valve Size	Material
LK-6	1/4" - 1/2"	Carbon Steel
LK-20	3/4" - 2"	Carbon Steel
LK-6-S/S	1/4" - 1/2"	Stainless Steel
LK-20-S/S	3/4" - 2"	Stainless Steel

LOCKED POSITION

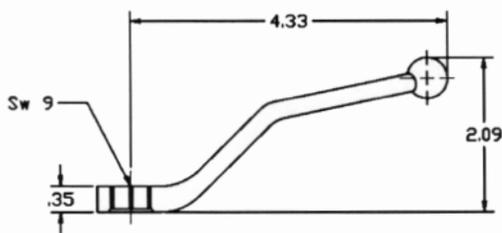


UNLOCKED POSITION

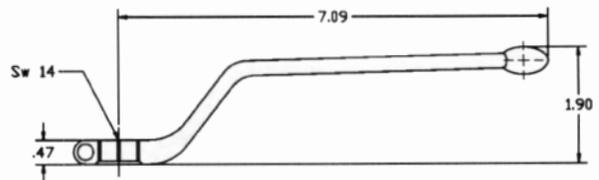


**HANDLES**

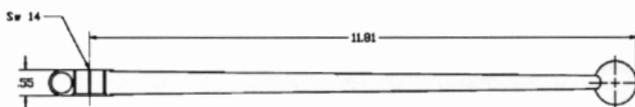
C101ZB



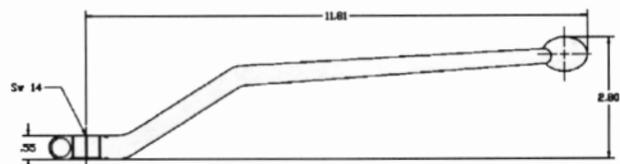
C1200ZB



C2890AV



C0360AV



## Seal & Fluid Compatibility Table

Seal Material	Applications	Resistant	Not Resistant
<b>POM</b>	<i>Ball Seats</i>	Hydraulic oils, Water,	Strong acids & bases
	<i>Stem Packing</i>	Air, Glycol	
<b>BUNA</b>	<i>Adapter Seals</i>	Petroleum-based oils,	Phosphate esters,
	<i>Stem Seals</i>	Greases, Water, Air	Acids, Brake fluid
<b>PTFE</b>	<i>Ball Seats</i>	Fluids for human	Fluorines, Liquid
	<i>Stem Packing</i>	consumption, Solvents, Lyes, & many acids	alkali metals
<b>PEEK</b>	<i>Ball Seats</i>	Most all organic &	Sulfuric acid
	<i>Stem Packing</i>	inorganic chemicals	
<b>VITON</b>	<i>Adapter Seals</i>	Petroleum-based oils,	Ketones, phosphate esters
	<i>Stem Seals</i>	Greases, many acids & bases	
<b>EPDM</b>	<i>Adapter Seals</i>	Phosphate esters, many	Petroleum-based oils,
	<i>Stem Seals</i>	acids, Brake fluid	fluids made of chlorinated hydrocarbons
<b>PCTFE</b>	<i>Ball Seats</i>	Solvents, Lyes, & many	Fluorines, some fluids
	<i>Stem Packing</i>	acids	made of chlorinated hydrocarbons
<b>PVDF</b>	<i>Ball Seats</i>	Solvents, Lyes, & many	Liquid alkali metals,
	<i>Stem Packing</i>	acids	Fluorines, Esters

Listed above are the more common generic fluids that are used in industrial applications, as they relate to seal compatibility. This information is to be used for reference purposes only. Anchor Flange Co. does not guarantee the accuracy of this information. Please consult your system's seal manufacturer for recommendation of seal selection, as Anchor Flange Co. does not accept responsibility for seal selections.

**Valves**

