

HABONIM Code System

1	5	A	F	B	4	7	P	-	4	4	6	6	P	G	/	B	S	P	T	-	N	A	C	E																																																
Size		Service			Series				Body End		Ball Stem		Seat Seal			End Connection					Features																																																			
Size		Service			Series				Body / End Ball / Stem		Seat		Seal			End Connection					Features																																																			
Code	inch	mm	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
02	¼"	8	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
03	⅜"	10	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
05	½"	15	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
07	¾"	20	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
10	1"	25	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
12	1¼"	32	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
15	1½"	40	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
20	2"	50	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
25	2½"	65	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
30	3"	80	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
40	4"	100	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
50	5"	125	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
60	6"	150	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
80	8"	200	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#
A0	10"	250	A	B	C	D	F	H	I	K	L	M	N	R	T	U	V	BSPT	BS 21	DIN	DIN 2999 (BSPP)	DIN3852	DIN 3852	NPT	B1.20.1	BW	Buttweld sch	5, 10, 40, 80, 160	XBW	Extended buttweld	SW	Socket weld	XSW	Extended socket weld	TC	Sanitary clamp	ETO	Extended OD tube	ETI	Extended ISO tube	ETD	Extended DIN tube	TCI	ISO sanitary clamp	TCD	DIN sanitary clamp	BWI	Buttweld ISO	BWD	Buttweld DIN	BWO	Buttweld OD tube	KLM	Copper tube (inch)	XYZ	Copper tube (metric)	XKLM	Extended Bronze End	LL	Let Lok (inch)	LM	Let Lok (metric)	PN16	Flanged DIN PN16	PN40	Flanged DIN PN40	150	Flanged ANSI 150#	300	Flanged ANSI 300#	600	Flanged ANSI 600#

* New Cryogenic series: C47C, C31C, C32C, C73C, C74C, C77C, C78C. See example A

* For standard Hermetix valves enter X after series number. For limited cases where Hermetix is not offered enter P. See example B

Other materials are available on request.

Other end connections are available on request.

For multi port valve flow identification follow the 61P/62P catalogue.

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In accordance with our policy to strive for continuous improvement of the product, we reserve the right to alter the dimensions, technical data and information included in this catalogue when required.

Example A: 10 C47C-6666PT/BW

Size 1" (10), Cryogenic Service (C), Three Piece Cryogenic Series (47C), S.St. 316 Body Ends & Trim (6666), NRG Seats (P), PTFE Seals (T), SCH 40 Buttweld ends (BW)

Example B: 15 74X-6666AT/300

1½" (15), Flanged full port#300(74X), S.St Body& End (66), S.st. Trim (66), TFM seat (A) PTFE Body Seal(T)



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