

HABONIM Ordering code system

1 2		3 4 5			6 7		8	9	10 11 12 13				14	15	16	17 18 19			20	21 22 23 24			
Size		Design			Series		Identity		Body / End / Ball / Stem				Seat	Seal		End Connection				Special Features			
Code	inch	mm	A	3 Piece Valve		C	Cryogenic	1	Bronze	A	TFM	B	Buna "N" NBR	Flanged			Special Services						
02	¼"	8	B	24	High Pressure 2-piece	P	ISO Pad	4	C. Steel (A105, WCB)	C	PCTFE	E	EPDM	150	Flanged ANSI #150	A0866	Stem seal Ammonia service						
03	⅜"	10	D	26	ANSI #600 F/B	X	Hermetix + ISO Pad	5	Brass	F	Hybrid Seat**	G	Expanded Graphite	300	Flanged ANSI #300	P043	Stem seal for vacuum and searching gas						
05	½"	15	F	27/28	High Pressure	Z*	Metal to Metal	6	St. Steel 316/316L	H	VX1	I	Impregnated Graphite	600	Flanged ANSI #600	F043	Stem seal Freon / Neoprene						
07	¾"	20	I	42	Bronze ball valve	T	Bar material	7	Monel	J	Reinforced 25% Glass filled PTFE	N	Neoprene	PN...	Flanged DIN PN 16, 40, 64, 100...	HYD	Hydrogen Service						
10	1"	25	K	46	High Purity standard	* Please refer to our catalogue Metal to Metal		8	St. Steel 304	K	PEEK®	R	Reinforced 15% Glass filled PTFE	Threaded ends			Design						
12	1¼"	32	M	47	3-piece series			9	C. Steel LCB	L	Virgin PEEK®	T	PTFE	NPT	ASME B1.20.1	90°	Diverter ball valve 90° turn						
15	1½"	40	N	48	Tubore			A	Alloy 20	M	Metal*	U	UHMWPE	BSPT	BS 21	180°	Diverter ball valve 180° turn						
20	2"	50	O	61	Multi-port 3-way			C	Hastelloy C276	P	NRG Carbon filled PTFE	V	Viton®	DIN	DIN 2999 (BSPP)	P250	Ball with pressure relief hole						
25	2½"	65	Q	Flanged Valve				D	Duplex	R	Reinforced 15% Glass filled PTFE	Welded ends			DIN3852	DIN 3852	J2 or J3	Jacket valve 2 or 3 outlets					
30	3"	80	R	31	ANSI #150			E	St. Steel 317L	S	VespeI®	BW	Buttweld sch 5, 10, 40***, 80, 160	AS5202	AS5202	V...or VB...	Control Valve Seat 30, 60, 90, 120,...						
40	4"	100	S	32	ANSI #300			F	C. Steel LF2	T	PTFE	XBW	Extended buttweld	Bronze/Copper ends			S... or SB...	Control Valve Slot Seat 08, 16, 32,...					
50	5"	125	T	36	Wafer F/B			G	St. Steel 316Ti	U	UHMWPE	BWI	Buttweld ISO	KLM	Copper tube (inch)	DBB	Double Block & Bleed						
60	6"	150	V	73	ANSI #150 F/B			I	Inconel 625	Y	Delrin®	BWD	Buttweld DIN	XKLM	Extended bronze end	K	Locking Device for High Purity valves						
80	8"	200	W	74	ANSI #300 F/B			L	AL-6XN	W	PVDF	BWO	Buttweld OD ASME BPE tube	XYZ	Copper tube (metric)	HC	High Cycle						
A0	10"	250		75	ANSI #600 F/B			K	Super Duplex	* Please refer to our catalogue		SW	Socket weld	XXYZ	Extended Copper tube	B	Bar Material						
				77	DIN PN16 F/B			M	17-4PH	* Metal to Metal catalogue		XSW	Extended socket weld	Sanitary Clamp			DS	Dual Safe					
				78	DIN PN40 F/B			R	C. Steel LC1	** See special features		TC	Sanitary clamp	Extended tube			TV	Twin Valve					
								S	254 SMO			ETD	Extended DIN tube	Other			SRS	Self Relief Seat					
								T	Titanium Gr. 2			LL	Let Lok (inch)	Special Certification			LAX (Stem sealing)	L - Thrust 070 Virgin Peek					
								W	Hastelloy C22			LM	Let Lok (metric)	Special Finishing			AX - Hermetix seal TFM						
								Y	904L			GR	Graylok	Hybrid Seat (F)****			#...	Flow path for 3, 4, 5 way valves					
								Z	Inconel 718						Special Certification			NA	NACE MR0175				

DELTRIN® is a registered trademark of DuPont
 VESPEL® is a registered trademark of DuPont
 TFM™ is a trademark of Dyneon
 PEEK® is a trademark of VICTREX, PV
 Viton® is a registered trademark of DuPont

Ordering Example

Example: 15 A74X-6666AT/300

1	5	A			7	4	X	-	6	6	6	6	A	T	/	3	0	0	
Size	Design	Series	Identity	Body / End / Plug	Ball / Stem	Seat	Seal	End Connection	Special features										
Size 1½" (15)	Anti Static (A)	Flanged Full Port #300 (74)	Hermetix + ISO Pad (X)	St. Steel Body & End (66)	St. Steel, Ball & Stem Trim (66)	TFM seat (A)	PTFE Body Seal (T)	Flanged ANSI #300 (300)											

Size	1½"	(15)
Design	Anti Static	(A)
Series	Flanged Full Port #300	(74)
Identity	Hermetix + ISO Pad	(X)
Body / End / Plug	St. Steel Body & End	(66)
Ball / Stem	St. Steel, Ball & Stem Trim	(66)
Seat	TFM seat	(A)
Seal	PTFE Body Seal	(T)
End Connection	Flanged ANSI #300	(300)

Other end connections are available upon request
 *** By default BW calls for BW schedule 40

**** Please consult with Habonim Team

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.