



## KFC ITEM CODES

# NEW MODEL CODE KHA:



Type	Conn	DN	Ball	PN	Body m.	Seats	Stuffingb.	Version	Special 1	Special 2	
KHA	E	15	V0 –full b. (1)	P1 –PN16	M1-Viii (1.0619) (2)	FF-FS (Std)	FS-AF/graphite/Peek (FS)	FW-bare stem	AM- Ammonia KLN2414/8 (4)	BL-Blue RAL5015	
	F	20	V1 –10°	P2 –PN25	M2-Xc (1.4408)	MM-Metal	LAB-ST/PTFE/(LAB)	HA-Lever	BO- Vent drilling KLN2414/8	C3-EN12944 C3 160µm (5)	
	G	25	V3 –30°	P3 –PN40	M3-Xd (1.4462)	SS-MES	GRA-graphite	IV- Isol.ext.FW	DBB-trunnion w. drain (6)	C4-EN12944 C4 200µm	
	N	32	V6 –60°	P4 –PN63		PP-Pure PTFE	PTFE-pure PTFE	IH- Isol.ext.HA	GAS-ÖVGW/DVGW	C5I-EN12944 240-280µm	
	S*	40	VS -slot	P5 –PN100		VV- Viton	VIT- Viton	IG - Isol.+ Gear	PL-drain w. plug	C5M-EN12944 240-280µm	
	S-F	50	C0 –full 30µm	P6 –CL150		HH-HACO (3)	HACO-ST/MS/Peek	IA- Isol. Actuator	TM-trunnion mounted	GE-Yellow RAL1023	
	F-S	65	C1 –10°30µm	P7 –CL300		KK-KFC	C70M-C70M	KO- Console	TT-Low temperature	O2- Oxygen KLN840	
	S-G	80	C3 –30°30µm	PX -Special		UU-UHWM	AF- Aflas O-Rings	GE-gear	VL- Sk pipe ext./special BL	OF- oil and grease free	
	G-S	100	C6 –60°30µm				UHWM-PE-UHWM	AN- Actuator	AT-Air Torque	OFS- oil,grease,silicone free	
	F-G	125	CS – slot 30µm						AU-AUMA (GS/SQ)		
	G-F	½"	D0 -full								
	...	¾"	D1 –10°							K1- Customer des. (CPCU)	
	MST	1"	D3 –30°							To – Customer Ebner	
		5/4"	D6 –60°							K99-Customer design	
		6/4"	DS -slot							Marine/Lloyds	
2"									BASF		
2.5"									EN161		

\* S: weld end, F: flange, G: threaded end, S-F: weld end / flange, F-S: flange / weld end, S-G: weld end / threaded end, G-S: threaded end / weld end, F-G: flange / threaded end, G-F: threaded end / flange

(1) V0 = solid stainless steel ball, V1 = v- port ball 10°, V3 = v- port ball 30°, V6 = v- port ball 60°, VS = slotted ball, CR = chrome coated ball 30µm

(2) M1 = former VIII carbon steel, M2 = former Xc stainless steel, M3 = former XD duplex

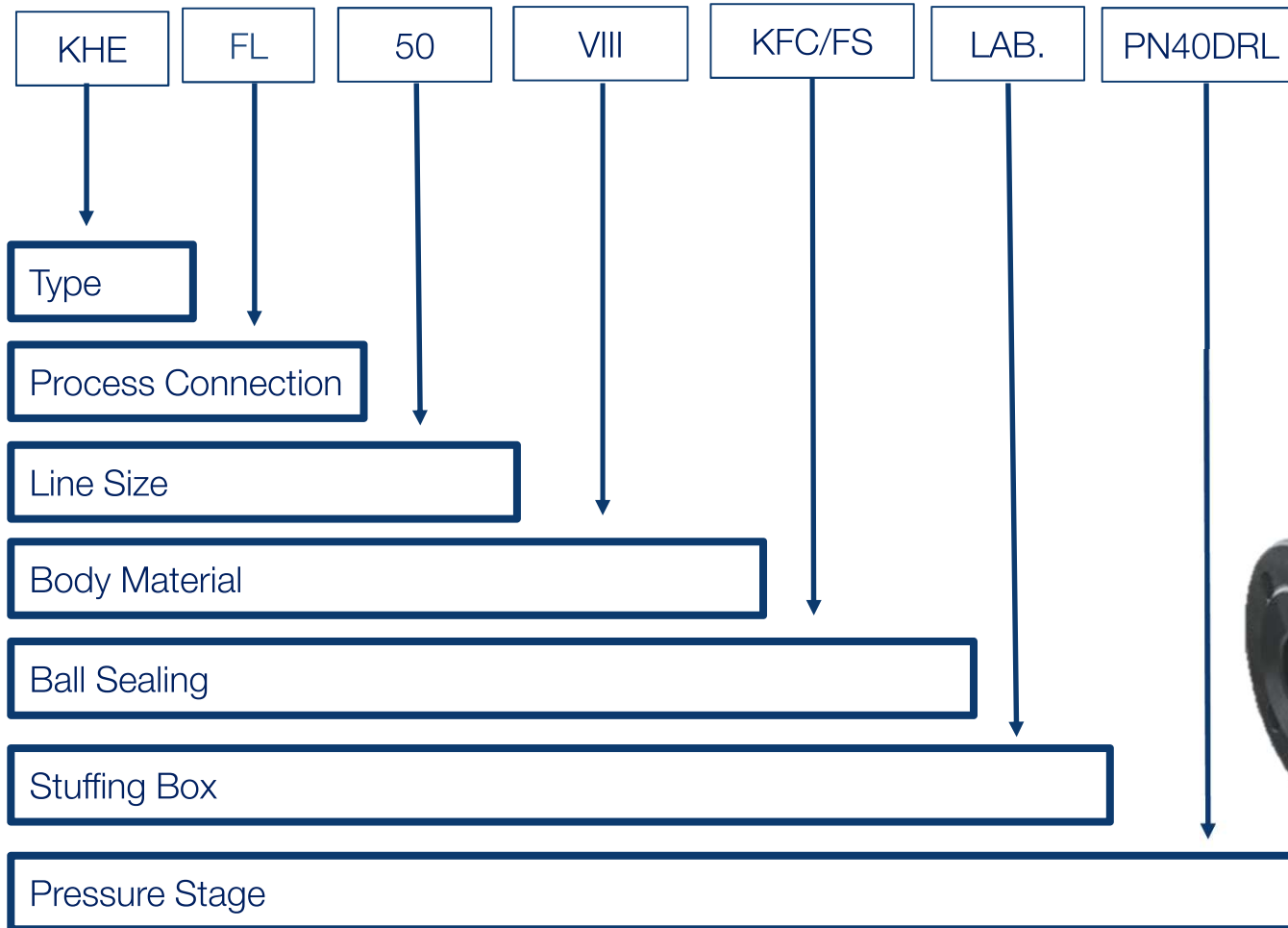
(3) HACO = Labrinth stuffingbox with brass pressure ring and peek friction washer

(4) AM – Ammonia version: KLN2414/8 with pressure relief drilling in upstream sealing element

(5) C3 = C3 coating acc. EN12944 middle µm160, C = C4 coating acc. EN12944 middle µm200, C5I = C5I coating acc. EN12944 middle 240-280µm, C5M = C5M coating acc. EN12944 middle 240-280µm

(6) DBB = double block and bleed with trunnion mounted ball and drain / test cock

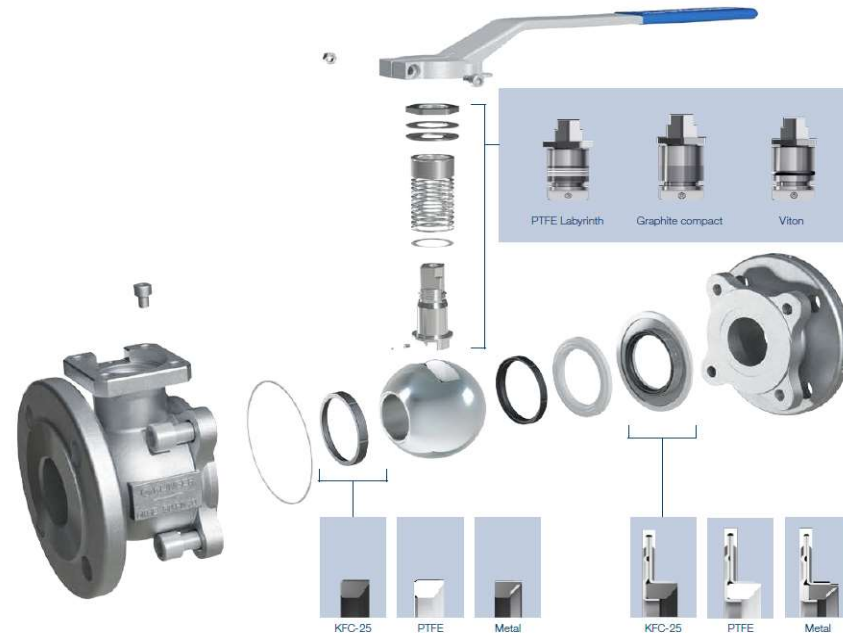
# BALL VALVE BALLOSTAR KHE:



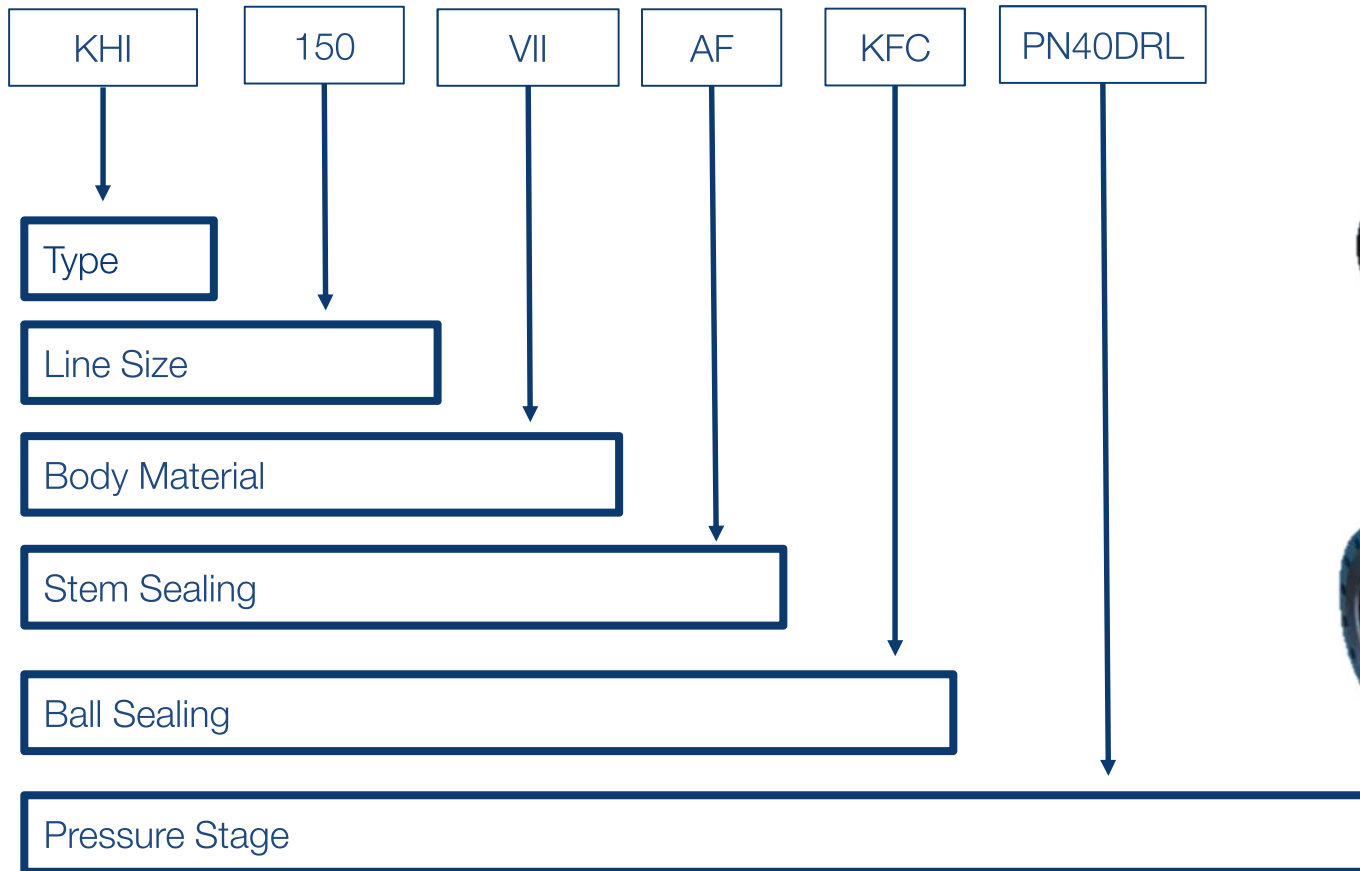
# KHE CODING TABLE:



Process Connection	FL= Flanged long, FK= Flanged short, CL = Ansi Flanges
Line Size	FL: DN15 – 125, FK: DN15 – 200, CL: ½“ – 8“
Body Material	VIII = Carbon Steel (1.0619) , Xc = Stainless Steel (1.4408)
Ball Sealing	KFC = 75% PTFE+25% Graphite, PTFE, M = Metal
Stuffing Box	LAB.= Labyrinth, Grafite, VITON
Pressure Stage	FL and FK until PN40, CL: Class 150 and 300

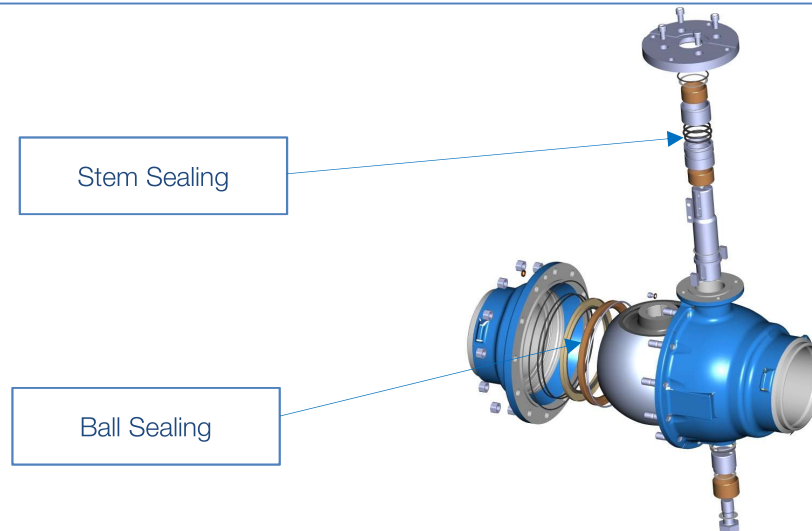


# BALL VALVE BALLOSTAR KH(SV)I:



# KH(SV)I CODING TABLE:

Type	KHI = With Flanges, KHSVI = With Weld Ends, KHVI/KHSVWI = High Temperature version
Line Size	DN150 – DN1000
Body Material	VII = Carbon Steel (1.0619) , Xc = Stainless Steel (1.4408)
Ball Sealing	KFC = 75% PTFE+25% Graphite, M = Metal,
Stem Sealing	AF = AFLAS, 799 = FLUORAZ, FPM = Gas, V71C = Low Temperature
Pressure Stage	KHI and KHSVI until PN40

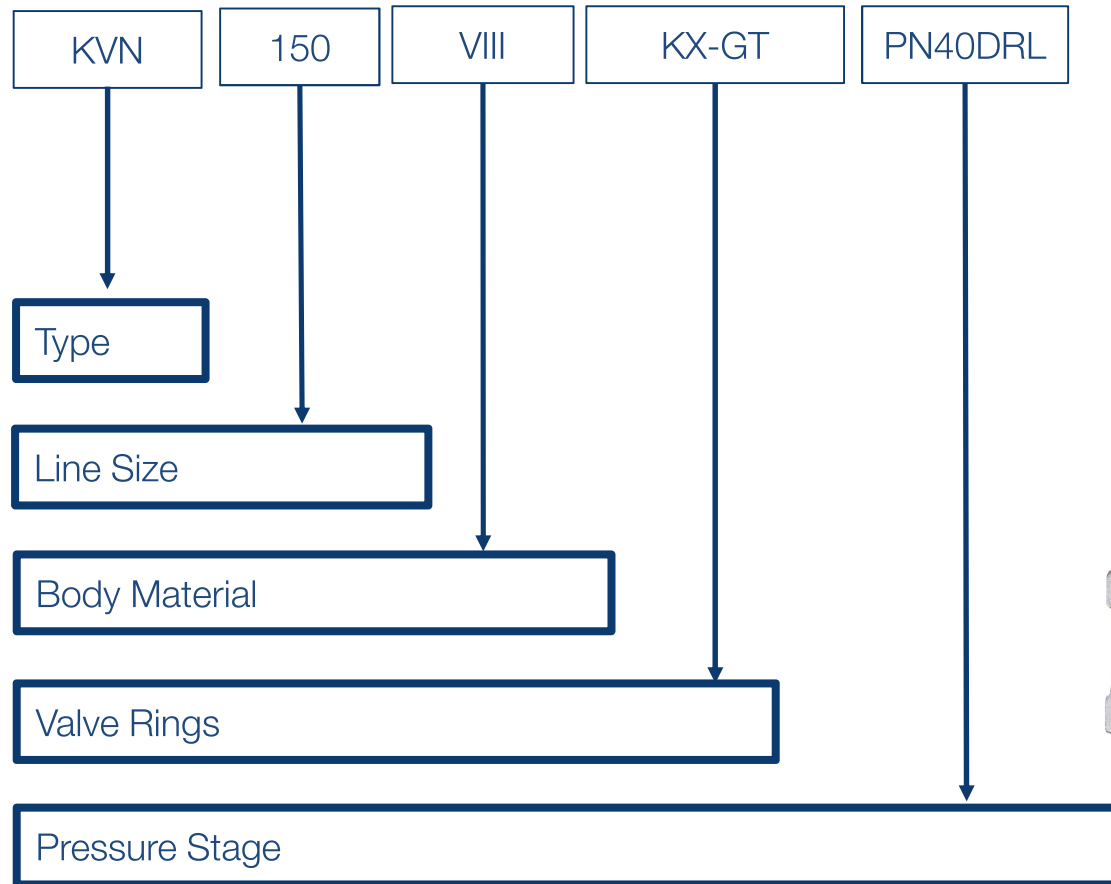


# NEW MODEL CODE KHO:

KHO	S	150	P1	AN	DA1	EL1	SV1
Type	Conn.	DN	PN	Version	Special 1	Special 2	Special 3
KHO	S	15	P1 – PN16	FW – bare stem	DA1 – Isolation Row 1 + Alarmsys. + Body extension 1500mm	ISO – Iso top flange	SV1 – W. 1 service valve (ELE 1)
	F	to	P2 – PN40	H - Lever	DA2 – Isolation Row 2 + Alarmsys. + Body extension 1500mm	GH – Gear w. hand wheel	SV2 – W. 2 service valves (ELE 2)
	SF	250		AN - Actuator	DA3 – Isolation Row 3 + Alarmsys. + Body extension 1500mm	GW – Gear + angle gear	
	SG	20R15		GE - Gear	BL – Body extension to 1500mm	AU – AUMA (GS / SQ)	
	U*	to				EL1 – Drain / vent SE/IG w. screw conn.	
	KMR**	300R250				EL2 – Drain / vent SE/AG w. screw conn.	
	KK(1)					EL3 – Drain / vent SE/FL w. blind flg.	
	ELE(2)						

\* U = Underground version without isolation  
 \*\* KMR = Underground version with isolation  
 (1) Version with cap and chain  
 (2) Drain and vent valve  
 Body always in carbon steel 1.0619  
 O – rings on stem always FKM and KFC  
 Sealing system always PTFE + carbon

# PISTON VALVE KVN:





## KVN CODING TABLE:

Type	KVN = Flanged Ends, KVSN = Weld Ends, KVMN = Threaded Ends
Line Size	DN15 – DN200
Body Material	VIII = Carbon Steel (1.0619) , Xc = Stainless Steel (1.4581), III = Grey Cast Iron, VI = Nodular Iron
Valve Rings	KX-GT = Graphite with Stainless Steel, KX1 = Graphite with PTFE (for TA Luft)
Pressure Stage	KVN = PN40, KVSN = PN63, KVMN = PN63

