

Stahlkugelhahn Baureihe ARTSKH3 & ARTSKH3AE

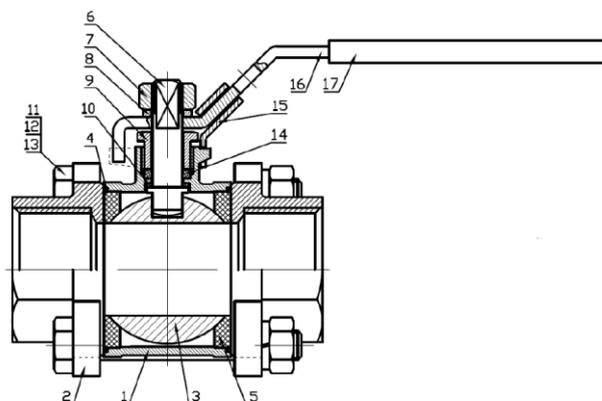
3-teilig mit Innengewinde oder Anschweißende

- Size :** DN 8 to 100 mm
- Ends :** Threaded BSP or NPT, Socket or Butt Welding
- Min Temperature :** -20°C
- Max Temperature :** + 180°C
- Max Pressure :** 63 Bars up to DN20
- Specifications :** Anti blow-out stem
Locking device
Full bore



Materials : Carbon steel ASTM A216 WCB

Item	Designation	Materials
1	Body	ASTM A216 WCB
2	Ends	
3	Ball	AISI 304
4*	Body gasket	PTFE
5*	Seat	PTFE filled with 15% glass fiber
6	Stem	AISI 304
7	Packing nut	
8	Handle washer	
9	Packing gland	
10*	Thrust washer	PTFE
11	Stud	AISI 304
12	Stud washer	
13	Stud nut	
14*	Packing	PTFE
15	Locking device	AISI 304
16	Handle	
17	Handle cover	PVC



TORQUE VALUES (In Nm without safety coefficient) :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Torque (Nm)	2	2	2.5	3.5	6	7	12	16	40	50	70

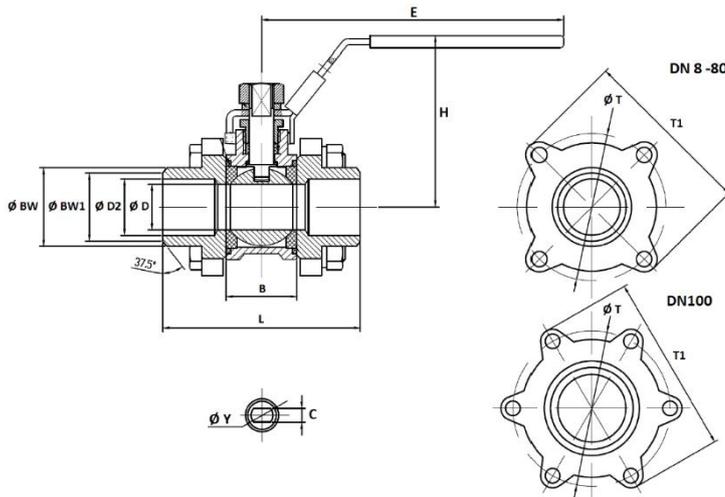
BOLT TIGHTENING TABLE (in Nm) :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Torque (Nm)	4	4	8	8	10	13	20	20	35	45	65

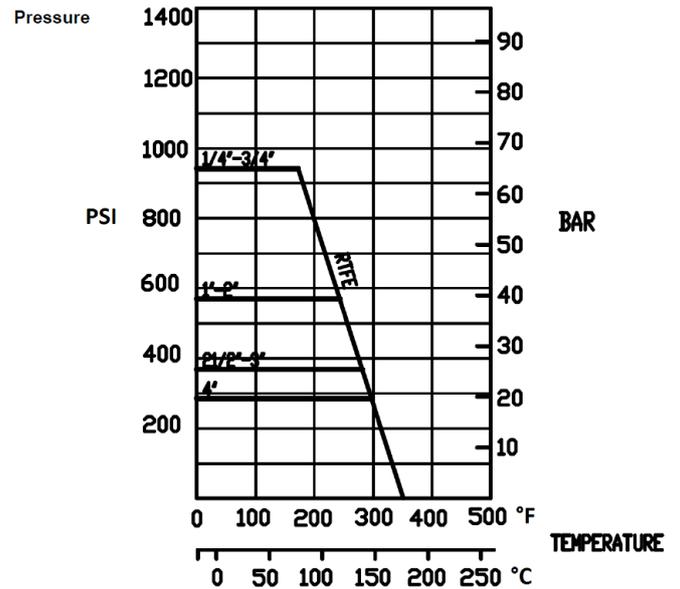
FLOW COEFFICIENT Kvs (M3 / h) :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Kvs (m3/h)	5.2	5.2	20.7	30.2	40.6	70	90.8	208.4	275.9	501.6	865

Stahlkugelhahn Baureihe ARTSKH3AE mit Anschweißende

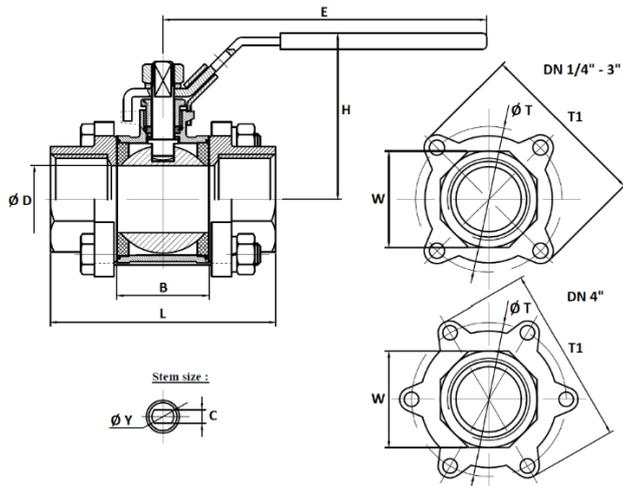


PRESSURE / TEMPERATURE GRAPH (STEAM AND COMPRESSED AIR EXCLUDED) :

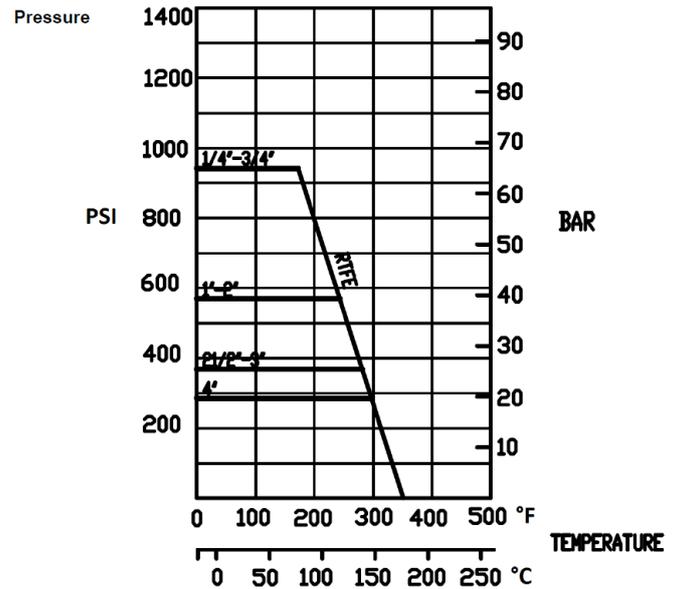


Ref.	DN	8	10	15	20	25	32	40	50	65	80	100	
797 BW	Ø D	11.6	12.5	15	20	25	32	38	50	64	76	100	
	L	59	59	63.3	70.6	82	97	109	124.6	162	175	216	
	B	21.1	21.1	23.3	28.6	34	44	51	63	84.3	94.7	119.2	
	E	103	103	126	126	162	162	193	193	230	230	320	
	H	49	49	57	62	72	78	91	102	122	132	177	
	Ø Y	M8	M8	M8	M8	M10	M10	M12	M12	M12	M14	M14	M20
	C	5	5	5	5	6.5	6.5	8.5	8.5	9.8	9.8	16	
	Ø T	38.5	38.5	43	51.5	58	70	81.5	101	136	157	195.5	
	T1	51	51	57.5	66	74.5	86.5	100.5	121.5	161	185	226.5	
	Ø BW	15.5	17.5	22	27.3	34	42.7	48.7	61	76.5	90	115	
	Ø BW1	13.3	14.5	17	22.5	28.6	36	43	54	68	84	104	
	Ø D2	11.6	12.5	15	20	25	32	39.8	50	64	76	100	
Weight (Kg)		0.33	0.33	0.45	0.60	0.86	1.35	2.03	3.19	7.06	10.7	20.95	

Stahlkugelhahn Baureihe ARTSKH3 mit Innengewinde



PRESSURE / TEMPERATURE GRAPH (STEAM AND COMPRESSED AIR EXCLUDED) :



Ref.	DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
796 7961 Threaded	Ø D	11.6	12.5	15	20	25	32	38	50	64	76	100
	L	59	59	63.3	70.6	82	97	109	124.6	162	175	216
	B	21.1	21.1	23.3	28.6	34	44	51	63	84.3	94.7	119.2
	E	103	103	126	126	162	162	193	193	230	230	320
	H	49	49	57	62	72	78	91	102	122	132	177
	Ø Y	M8	M8	M8	M8	M10	M10	M12	M12	M14	M14	M20
	C	5	5	5	5	6.5	6.5	8.5	8.5	9.8	9.8	16
	Ø T	38.5	38.5	43	51.5	58	70	81.5	101	136	157	195.5
	T1	51	51	57.5	66	74.5	86.5	100.5	121.5	161	185	226.5
	W	18	21	26	32	39	48	55	67	83	99	127
Weight (Kg)		0.30	0.30	0.45	0.60	0.86	1.32	2.03	3.19	7.06	10.7	20.95