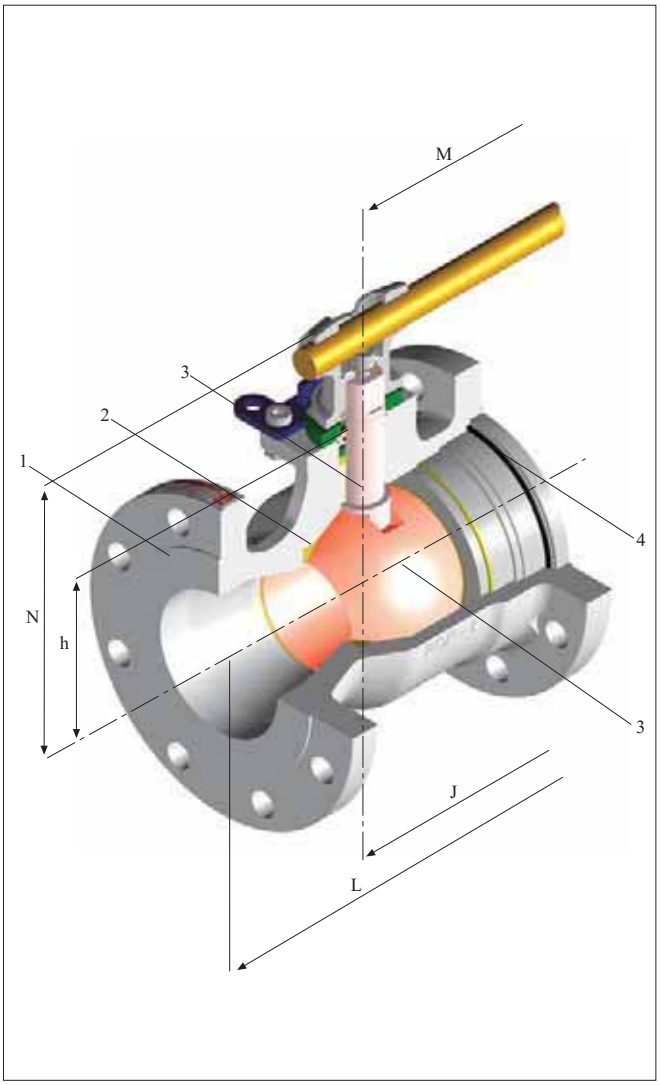
PQR-i
Class 150-300

BAC VALVES



CONSTRUCTION & DESIGN
Reduced bore
One piece body
Floating ball
Double stuffing box
Relief seats
Anti-static device
Fire safe
Pressure balance hole in ball
Blow-out proof stem

STANDARDS

	ANSI
Design	BS 5351
langes	ASME B16.5 RF
Face to face	ASME B16.10 short pattern
Top flange	ISO 5211/Capi ADDS 2.02
Testings	EN 12266/1
Fire safe tested	BS 6755/2, API 607 4ed

FEATURES (see page 4-5)
High performance double stuffing box, and low emissions
Internal wetted parts are acc. NACE Standard MR0175

OPTIONS
API 6D
Cryogenic service
Emissions control port

APPROVALS

Fire safe	Lloyd s Register, Bureau Veritas
Gas- HL-VO	Vd T V Merkblatt Rohrleitun 1065
Type approval	Det Norske Veritas
	Germanischer Lloyd
	Bureau Veritas
Clean air	T V S dwest (TA-Luft)

MATERIALS		SS	CS
1	Bodies	ASTM A-351 CF8M	ASTM A-216 WCC ASTM A-105 N
2	Seats	PTFE MOD	
3	Ball/Stem	ASTM A-351 CF8M ASTM A-479 316	
4	Gaskets	PTFE - GRAPHITE	

NPS	D	CLASS 150 L	CLASS 300 L	J	M	N	h	ISO 5211	Cv	CLASS 150 TORQUE(*) Nm	CLASS 300 TORQUE(*) Nm	CLASS 150 WEIGHT Kg	CLASS 300 WEIGHT Kg
	mm												
1/2"	11	108	140	53	160	95	19	F03s	9	4	5	1,5	2
3/4"	14	117	152	60	160	102	26	F03s	15	5	5	2,5	3,5
1"	19	127	165	61	180	107	31	F03	28	7	8	3	4,5
1 1/2"	30	165	191	76	240	124	48	F05	73	20	20	6,5	9
2"	38	178	216	80	240	130	53	F05	120	22	25	9	11,5
3"	62	203	283	89	320	173	95	F07	333	51	74	18,5	25,5
4"	76	229	305	105	550	206	117	F10	507	109	218	30,5	43,5
6"	100	267	403	127	550	224	135	F10	895	182	272	46	77
8"	144	292	419	146	700	307	188	F12	1908	400	485	88,5	133
10"	187	330	457	175	700	370	229	F14	3277	546	629	146	208,5
12"	220	356	-	178	GEARBOX		267	F16	4586	1005	-	220	-

(*) Normally expected torque, in clean conditions. For actuator sizing allow adequate safety factor.