

Архангельск (8182)63-90-72	Иваново (4932)77-34-06	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Сургут (3462)77-98-35
Астана (7172)727-132	Ижевск (3412)26-03-58	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Казань (843)206-01-48	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Барнаул (3852)73-04-60	Калининград (4012)72-03-81	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)74-02-29
Белгород (4722)40-23-64	Калуга (4842)92-23-67	Нижний Новгород (831)429-08-12	Санкт-Петербург (812)309-46-40	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Кемерово (3842)65-04-62	Новокузнецк (3843)20-46-81	Саратов (845)249-38-78	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
Волгоград (844)278-03-48	Краснодар (861)203-40-90	Омск (3812)21-46-40	Симферополь (3652)67-13-56	Хабаровск (4212)92-98-04
Вологда (8172)26-41-59	Красноярск (391)204-63-61	Орел (4862)44-53-42	Смоленск (4812)29-41-54	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Курск (4712)77-13-04	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Липецк (4742)52-20-81	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13	Ярославль (4852)69-52-93
	Киргизия (996)312-96-26-47	Казахстан (772)734-952-31	Таджикистан (992)427-82-92-69	

<http://modentic.nt-rt.ru/> || mcb@nt-rt.ru

FEATURES

- Investment Cast Body Contruction
- 2 Pieces Body Design
- ISO 5211 Mounting Flange
- Blow-Out-Proof Stem Design
- Available for Pneumatic or Electric Actuator
- NACE MR0175 is available upon request
- Other Super Alloy materials for highly corrosive medium are available upon request

STANDARD

- | | |
|------------------|------------------------------|
| Design | ASME/ANSI B16.34 / API 608 |
| Mounting Flange | ISO 5211 |
| Face to Face | ASME/ANSI B16.10 Class 300 |
| Flange Dimension | ASME/ANSI B16.5 Class 300 RF |
| Material | ASTM |
| Pressure Testing | API 598 |

CERTIFICATE

- | | |
|----------------------|---|
| Fire Safe | API 607 6 th Edition / ISO 10497 Certified |
| Fugitive Emission | TA-LUFT |
| Quality Assurance | ISO 9001 |
| Material Certificate | EN 10204-3.1 MTR |
| CE Approval | PED 97/23/EC Module H |
| Canadian Certificate | CRN |

MATERIAL

		MATERIAL (more options available)
NO.	PART NAME	
1	BODY	ASTM A494 Gr.M-35-1
4	BALL	ASTM A494 Gr.M-35-1
5	STEM	N04400
9	END CAP	ASTM A494 Gr.M-35-1
11	BODY SEAL	GRAPHITE+SS316 (SPIRAL WOUND)
12	SEAT	RTFE.(15%G.F.)
13	THRUST WASHER	GRAPHITE
13-1	THRUST WASHER	RTFE.(15%G.F.)
14	STEM PACKING	GRAPHITE
14-1	STEM PACKING	RTFE.(15%G.F.)
15	GLAND	SS304
19	HANDLE	STEEL
20	SET SCREW (for 2-1/2" ~ 3" only)	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT (for 1/2" ~ 2" only)	SS304
24	HANDLE NUT (for 1/2" ~ 2" only)	SS304
28	LOCKING DEVICE	SS304
29	BELLEVILLE WASHER (for 1/2" ~ 2" only)	SS301
30	TAB WASHER (for 1/2" ~ 2" only)	SS304
33	STOP PIN SET	SS304
35	BODY BOLT	ASTM A193 Gr.B8
37	BOLT NUT	ASTM A194 Gr.8

MONEL 400

MD-32
ANSI Class 300
2-PC Flanged Ball Valves

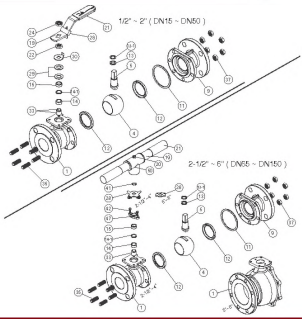


API 607 6th Edition
ISO 10497
Fugitive Emission
Full Bore
ISO 5211 Mounting
2 Piece Body Design

AVAILABLE MATERIAL

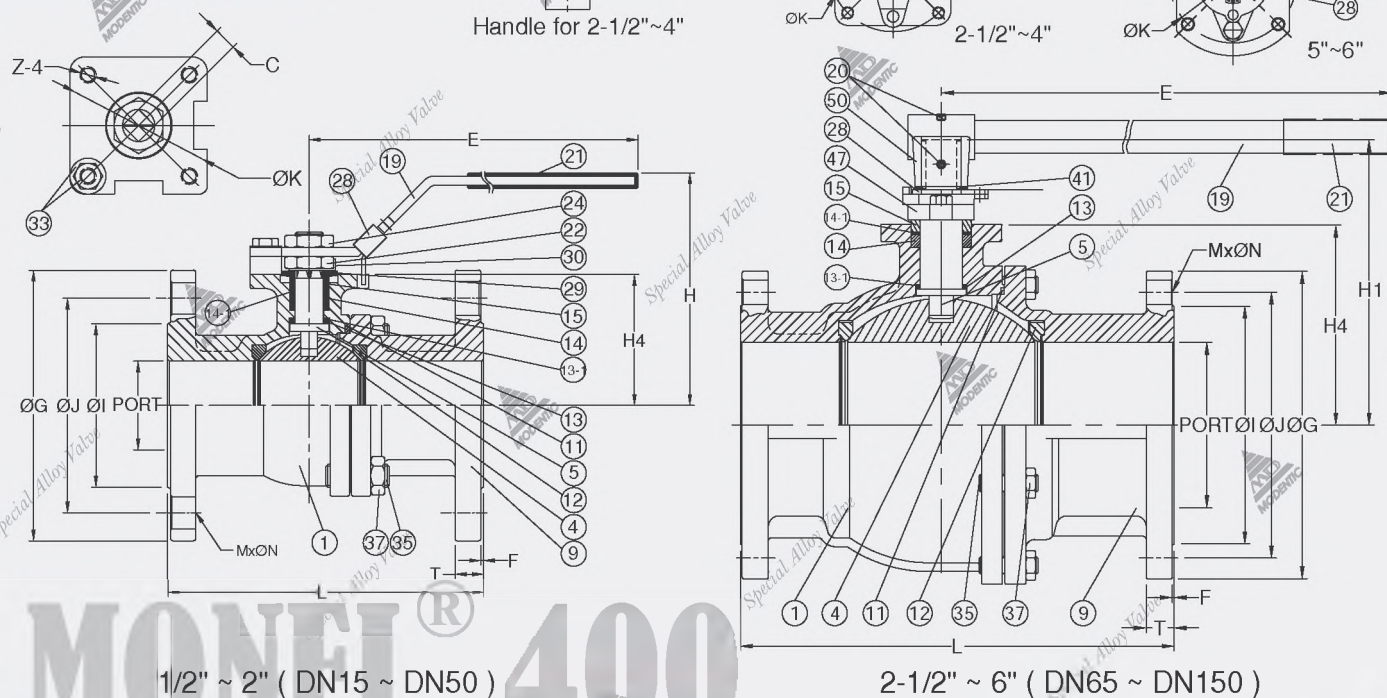
- ALLOY 20
- HASTELLOY® C-276
- DUPLEX 2205
- DUPLEX 2507
- MONEL®
- SS904L

EXPLOSION DRAWING



Two Pieces Special Alloy Ball Valves

DRAWING



DIMENSION

SIZE	PORT	L	E	H	H1	H4	C	ØG	ØJ	ØI	T	F	MxØN	ØK	Z	UNIT : MM
DN15	1/2"	15.0	140.0	132	80.0	-	38.5	9	95.0	66.6	35.1	12.7	2.0	4xØ16	42/F04	M5x0.8P
DN20	3/4"	20.0	152.5	132	84.5	-	42.5	9	117.4	82.6	43.0	14.3	2.0	4xØ19	42/F04	M5x0.8P
DN25	1"	25.0	165.0	166	102.0	-	52.0	11	124.0	89.0	50.8	15.9	2.0	4xØ19	50/F05	M6x1.0P
DN32	1-1/4"	32.0	178.0	166	105.0	-	56.0	11	133.4	98.6	63.5	17.5	2.0	4xØ19	50/F05	M6x1.0P
DN40	1-1/2"	38.0	190.0	198	125.0	-	65.25	14	155.5	114.3	73.2	19.1	2.0	4xØ22.3	70/F07	M8x1.25P
DN50	2"	50.0	216.0	198	132.0	-	73.75	14	165.1	127.0	92.0	20.7	2.0	8xØ19	70/F07	M8x1.25P
DN65	2-1/2"	64.0	241.0	300	-	178.0	92.5	17	190.5	149.4	104.7	23.8	2.0	8xØ22.3	102/F10	M10x1.5P
DN80	3"	76.0	283.0	300	-	188.0	101.65	17	209.6	168.1	127.0	27.0	2.0	8xØ22.3	102/F10	M10x1.5P
DN100	4"	100.0	305.0	450	-	205.1	119.0	17	254.0	200.2	157.2	30.2	2.0	8xØ22.3	102/F10	M10x1.5P
DN125	5"	125.0	381.0	450	-	239.0	163.0	27	279.4	235.0	186.0	33.4	2.0	8xØ22.3	125/F12	M12x1.75P
DN150	6"	150.0	403.0	800	-	258.5	182.5	27	317.5	269.8	216.0	35.0	2.0	12xØ22.3	125/F12	M12x1.75P

SIZE	PORT	L	E	H	H1	H4	C	ØG	ØJ	ØI	T	F	MxØN	ØK	Z	UNIT : INCH
DN15	1/2"	0.59	5.51	5.20	3.15	-	1.52	0.35	3.74	2.62	1.38	0.50	0.08	4xØ0.63	1.65/F04	M5x0.8P
DN20	3/4"	0.79	6.00	5.20	3.33	-	1.67	0.35	4.62	3.25	1.69	0.56	0.08	4xØ0.75	1.65/F04	M5x0.8P
DN25	1"	0.98	6.50	6.54	4.02	-	2.05	0.43	4.88	3.50	2.00	0.63	0.08	4xØ0.75	1.97/F05	M6x1.0P
DN32	1-1/4"	1.26	7.01	6.54	4.13	-	2.20	0.43	5.25	3.88	2.50	0.69	0.08	4xØ0.75	1.97/F05	M6x1.0P
DN40	1-1/2"	1.50	7.48	7.80	4.92	-	2.57	0.55	6.12	4.50	2.88	0.75	0.08	4xØ0.88	2.76/F07	M8x1.25P
DN50	2"	1.97	8.50	7.80	5.20	-	2.90	0.55	6.50	5.00	3.62	0.81	0.08	8xØ0.75	2.76/F07	M8x1.25P
DN65	2-1/2"	2.52	9.49	11.81	-	7.01	3.64	0.67	7.50	5.88	4.12	0.94	0.08	8xØ0.88	4.02/F10	M10x1.5P
DN80	3"	2.99	11.14	11.81	-	7.40	4.00	0.67	8.25	6.62	5.00	1.06	0.08	8xØ0.88	4.02/F10	M10x1.5P
DN100	4"	3.94	12.01	17.72	-	8.07	4.69	0.67	10.00	7.88	6.19	1.19	0.08	8xØ0.88	4.02/F10	M10x1.5P
DN125	5"	4.92	15.00	17.72	-	9.41	6.42	1.06	11.00	9.25	7.32	1.31	0.08	8xØ0.88	4.92/F12	M12x1.75P
DN150	6"	5.91	15.87	31.50	-	10.18	7.19	1.06	12.50	10.62	8.50	1.38	0.08	12xØ0.88	4.92/F12	M12x1.75P