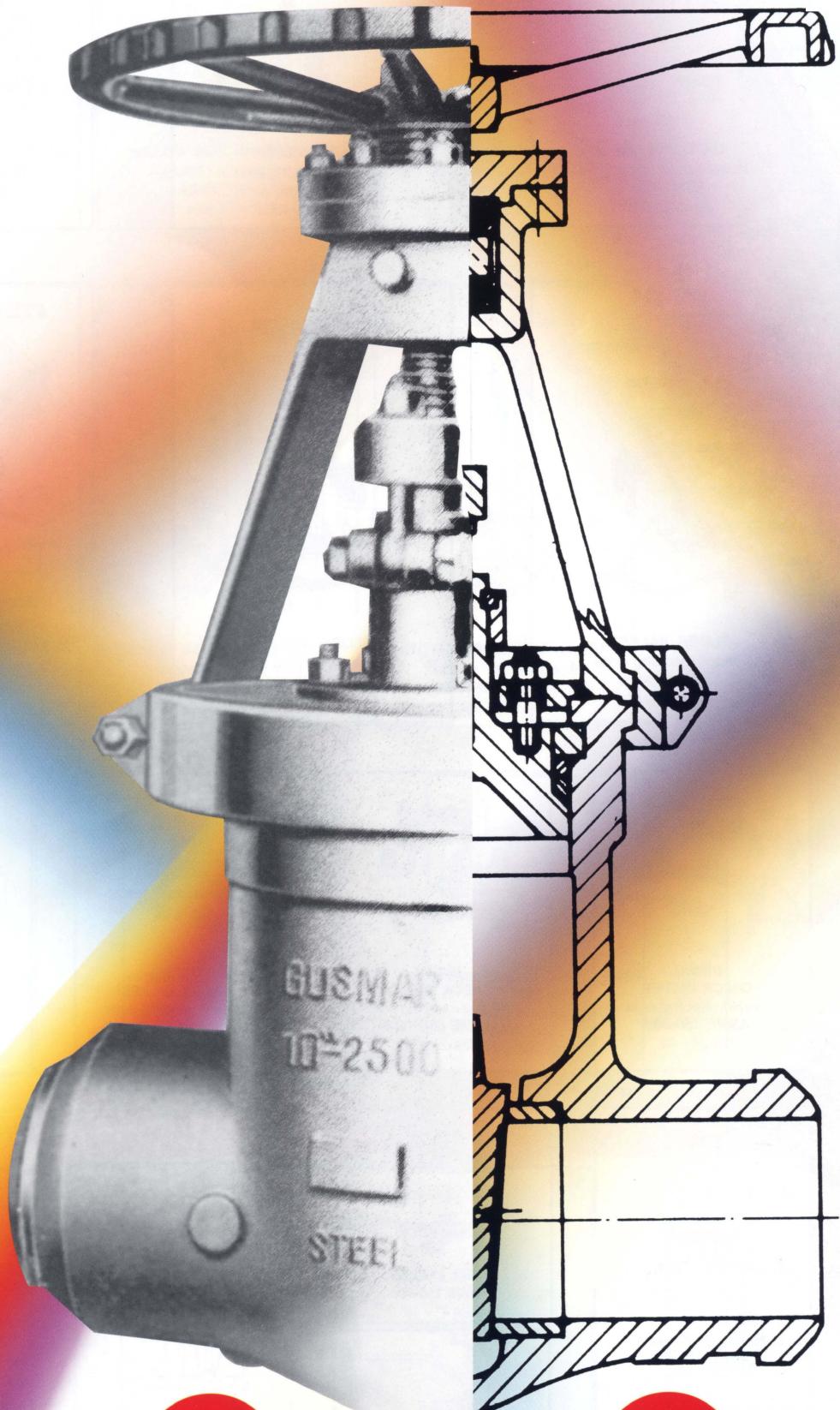


# GUSMAR

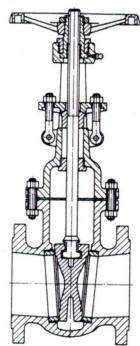
since 1904



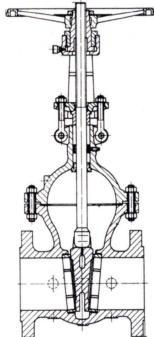
ASME

VALVES

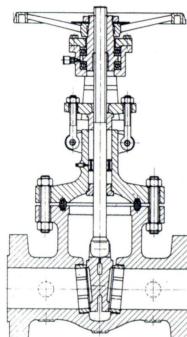
DIN

**GATE VALVES  
150 to 2500 lb**

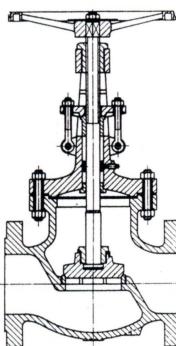
**GATE VALVES**  
flanged - welding ends  
**ASME 150**  
size 2" ÷ 54"



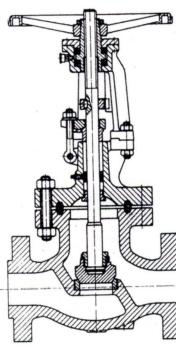
**GATE VALVES**  
flanged - welding ends  
**ASME 300**  
size 2" ÷ 48"



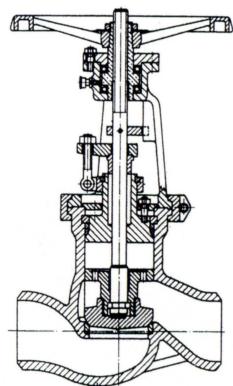
**GATE VALVES**  
flanged - welding ends  
**ASME 600-1500**  
size 2" ÷ 24"

**GLOBE VALVES  
150 to 2500 lb**

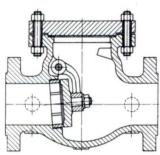
**GLOBE VALVES**  
flanged - welding ends  
**ASME 150-300**  
size 2" ÷ 16"



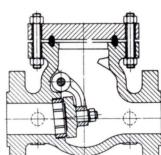
**GLOBE VALVES**  
flanged - welding ends  
**ASME 600-1500**  
size 2" ÷ 16"



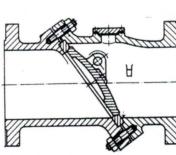
**PRESSURE SEAL GLOBE VALVES**  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 16"

**CHECK VALVES  
150 to 2500 lb**

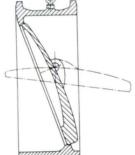
**SWING  
CHECK VALVES**  
flanged - welding ends  
**ASME 150-300**  
size 2" ÷ 48"



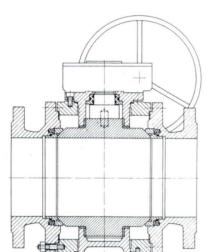
**SWING  
CHECK VALVES**  
flanged - welding ends  
**ASME 600-1500**  
size 2" ÷ 36"



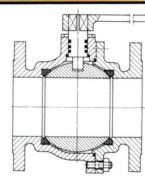
**TLTING  
CHECK VALVES**  
flanged - welding ends  
**ASME 150-1500**  
size 2" ÷ 36"



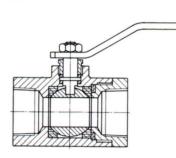
**TLTING  
CHECK VALVES  
WAFER TYPE**  
**ASME 150-1500**  
size 2" ÷ 36"

**MISCELLANEOUS  
Valves**

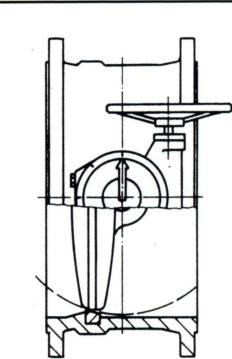
**TRUNNION  
BALL VALVES**  
**ASME 150 ÷ 1500**  
size 2" ÷ 56"



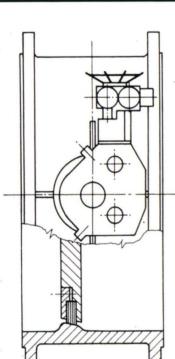
**BALL VALVES**  
**ASME 150-300**  
size 2" ÷ 16"



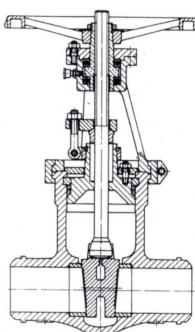
**BALL VALVES**  
**ASME 800**  
size 1/2" ÷ 2"



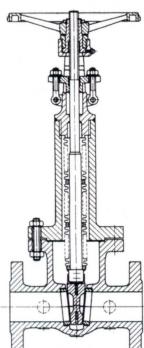
**DOUBLE ECCENTRIC  
BUTTERFLY VALVES**  
resilient disc  
**ASME 150**  
size 4" ÷ 48"



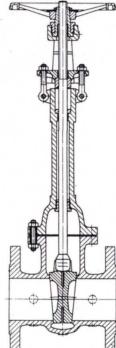
**TRIPLE ECCENTRIC  
BUTTERFLY VALVES**  
lamellar seat  
**ASME 150**  
size 4" ÷ 48"



**PRESSURE SEAL GATE VALVES**  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 24"



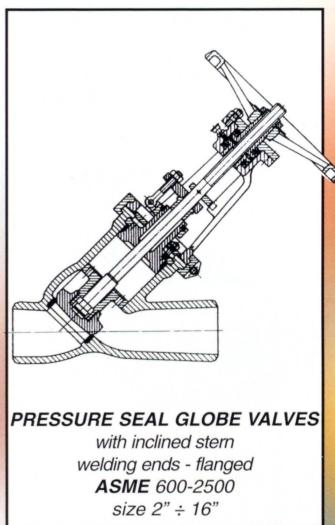
**BELLOW SEAL GATE VALVES**  
flanged - welding ends  
**ASME 150-300**  
size 2" ÷ 16"



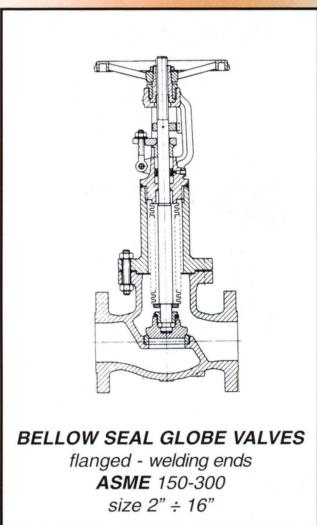
**CRYOGENIC GATE VALVES**  
flanged - welding ends  
**ASME 150-1500**  
size 2" ÷ 24"

### BODY - BONNET

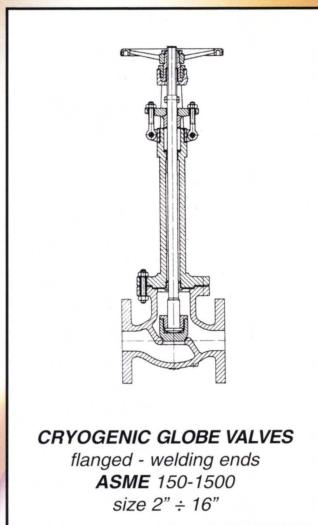
	SYMBOL	CASTINGS	FORGINGS
CARBON STEELS	WCB	A 216 WCB	A 105 II
ALLOY STEELS	WC 1 WC 4 WC 5 WC 6 WC 9 C 5 C 12	A 217 WC 1 A 217 WC4 A 217 WC 5 A 217 WC 6 A 217 WC 9 A 217 C 5 A 217 C 12	A 182 F 1 A 182 F 12 A 182 F 12 A 217 F 11 A 182 F 22 A 182 F 5 A 182 F 9
STAINLESS STEELS	CA 15 CF 8 CF 3 CK 20 CF 8 M CF 3 M CG 8 M CF 10 MC  CF 8 C CN 7 M	A 351 CA 15 A 296 CF 8 A 296 CF 3 A 296 CK 20 A 296 CF 8 M A 296 CF 3 M A 296 CG 8 M A 351 CF 10 MC  A 351 CF 8 C A 296 CN 7 M	A 182 F 6 A 296 CF 8 A 296 CF 3 A 296 CK 20 A 296 CF 8 M A 296 CF 3 M A 296 CG 8 M A 351 CF 10 MC  A 182 F 321 A 182 F 347
LOW TEMPERATURE ALLOY STEELS	LCB LC 1 LC 2 LC 3	A 352 LCB A 352 LC 1 A 352 LC 2 A 352 LC 3	A 350 LF 1  A 350 LF 3
OTHER MATERIALS	MONEL HASTELLOY B HASTELLOY C TITANIUM	A 494 - Ni Mo A 494 - Ni Cu Mo	B 164 B



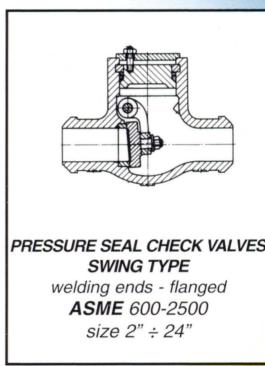
**PRESSURE SEAL GLOBE VALVES**  
with inclined stem  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 16"



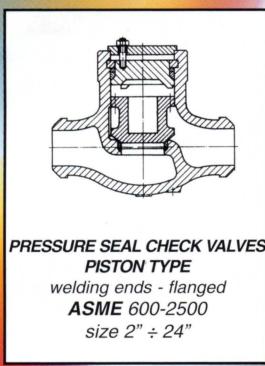
**BELLOW SEAL GLOBE VALVES**  
flanged - welding ends  
**ASME 150-300**  
size 2" ÷ 16"



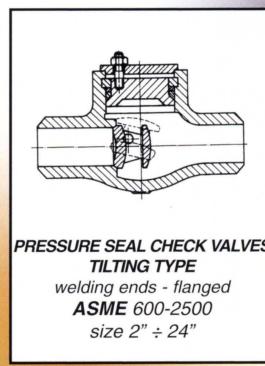
**CRYOGENIC GLOBE VALVES**  
flanged - welding ends  
**ASME 150-1500**  
size 2" ÷ 16"



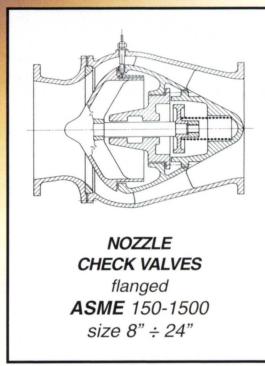
**PRESSURE SEAL CHECK VALVES**  
SWING TYPE  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 24"



**PRESSURE SEAL CHECK VALVES**  
PISTON TYPE  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 24"



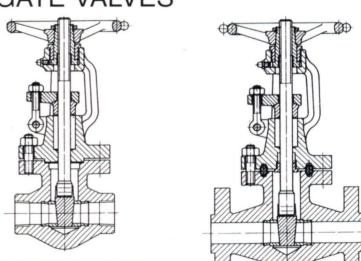
**PRESSURE SEAL CHECK VALVES**  
TILTING TYPE  
welding ends - flanged  
**ASME 600-2500**  
size 2" ÷ 24"



**NOZZLE CHECK VALVES**  
flanged  
**ASME 150-1500**  
size 8" ÷ 24"

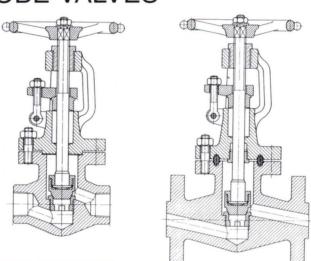
### FORGED STEEL

#### GATE VALVES



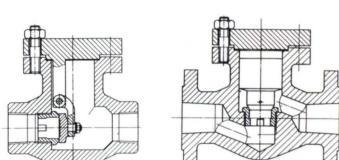
**BOLTED BONNET**  
**WELDED BONNET**  
screwed, socket weld ends, flanged  
**ASME 800-2500**  
size 1/2" ÷ 2"

#### GLOBE VALVES



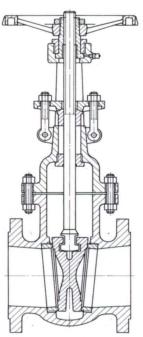
**BOLTED BONNET**  
**WELDED BONNET**  
screwed, socket weld ends, flanged  
**ASME 800-2500**  
size 1/2" ÷ 2"

#### CHECK VALVES

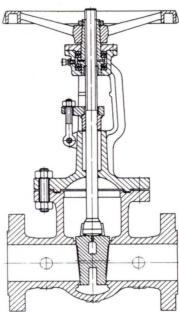


**SWING-PISTON-BALL**  
**BOLTED COVER**  
**WELDED COVER**  
screwed, socket weld ends, flanged  
**ASME 800-2500**  
size 1/2" ÷ 2"

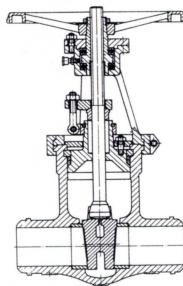
**GATE VALVES**  
NP 6 to 400



**FLAT GATE VALVES**  
NP 10 ... 6 size 50 ÷ 1200  
**OVAL GATE VALVES**  
NP 16 ÷ 25 size 50 ÷ 1200



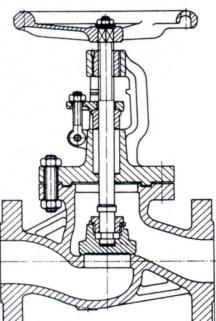
**GATE VALVES**  
flanged - welding ends  
NP 40 ÷ 250  
size 50 ÷ 800



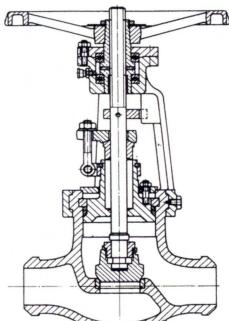
**PRESSURE SEAL GATE VALVES**  
welding ends - flanged  
NP 100 ÷ 400  
size 50" ÷ 600



**GLOBE VALVES**  
NP 25 to 400



**GLOBE VALVES**  
flanged - welding ends  
NP 25 ÷ 400  
size 50 ÷ 300



**PRESSURE SEAL GLOBE VALVES**  
welding ends - flanged  
NP 100 ÷ 400  
size 50 ÷ 300

**FLAT GATE VALVE**  
ELECTROWELDED STEEL

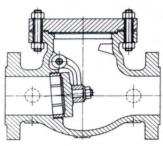
FIG. 2041E  
Range of service

Size mm	Nominal Pressure kg/cm <sup>2</sup>
400 - 700	4
800 - 1200	3,2
1400 - 1600	2,5
1800 - 3000	1

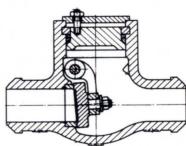
**FLAT GATE VALVE**  
ELECTROWELDED STEEL

FIG. 2041E NP1 size 3200

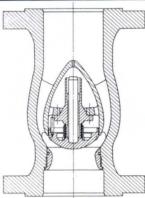
**CHECK VALVES**  
NP 16 to 400



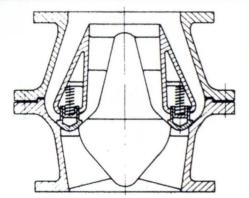
**SWING**  
**CHECK VALVES**  
flanged - welding ends  
NP 16 ÷ 400  
size 50 ÷ 1000



**PRESSURE SEAL CHECK**  
**VALVES SWING TYPE**  
welding ends - flanged  
NP 100 ÷ 400  
size 50 ÷ 600

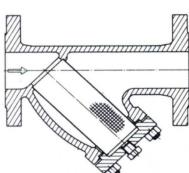


**NOZZLE**  
**CHECK VALVES**  
NP 25 ÷ 400  
size 50 ÷ 600

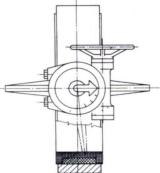


**NOZZLE**  
**CHECK VALVES**  
NP 25 ÷ 160  
size 50 ÷ 1200

**MISCELLANEOUS**  
VALVES



**Y STRAINERS**  
flanged - welding ends  
NP 40 ÷ 250  
size 50 ÷ 600



**BUTTERFLY VALVES**  
WAFER TYPE  
with resilient seat  
NP 16 ÷ 40  
size 50 ÷ 600

**GUSMAR**

GUSBERTI MARCELLO s.r.l.

I 20052 MONZA - ITALY - Via A. Mauri, 18  
Tel. 039. 748.551 r.a. - Fax 039. 745452  
E-mail: gusmar@gusmar.it  
<http://www.gusmar.it>