INDICE GENERALE

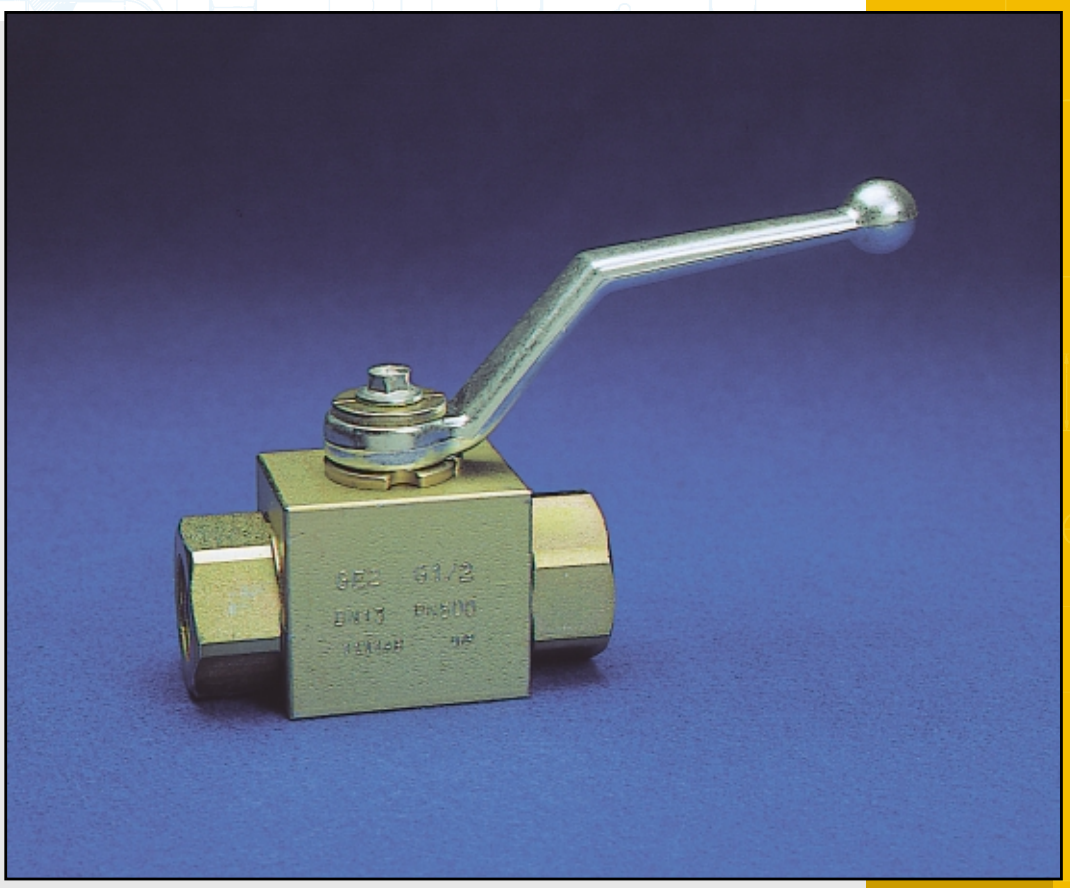
INFORMATION

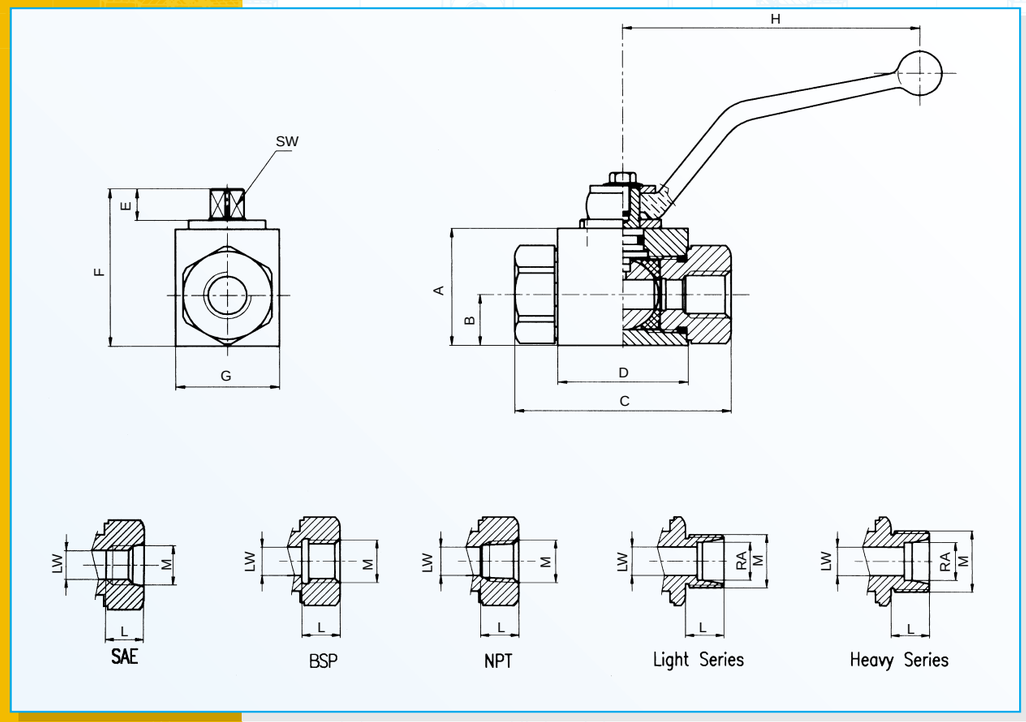
GEMELS
VALVOLE INDUSTRIALI

2-WAY HIGH PRESSURE BALL VALVES

VALVOLA A SFERA A DUE VIE
ALTE PRESSIONI

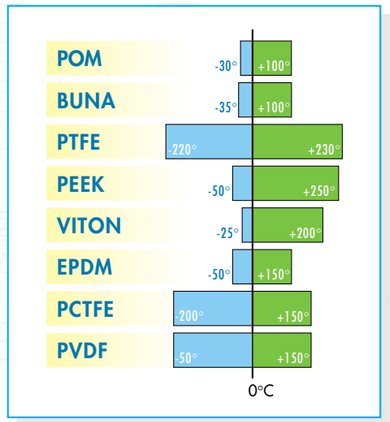
GE2 PN 500 Bar Temperature of use -20° +100° C





MAXIMUM AND MINIMUM ADMISSIBLE WORKING TEMPERATURES FOR SEAL MATERIAL

TEMPERATURE MASSIME E MINIME AMMISSIBILI DALLE GUARNIZIONI



Female/*Femmina* GAS DIN/ISO 228 BSP

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	L	M	SW	LW	Kg
GE2 G 1/8	500	4	35	14	71	42	11	49	30	110	11	G 1/8	9	4	0,5
GE2 G 1/4	500	6	35	14	71	42	11	49	30	110	16	G 1/4	9	6	0,5
GE2 G 3/8	500	10	40	17	73	44	11	54	35	110	16	G 3/8	9	10	0,65
GE2 G 1/2	500	13	43	18	83	48	11	57	37	110	17	G 1/2	9	13	0,75
GE2 G 3/4	400	20	55	23	95	62	13	73	45	180	21	G 3/4	14	20	1,4
GE2 G 1"	350	25	65	29	113	66	13	83	55	180	24	G 1"	14	25	2,15
GE2 G1"1/4	350	25	65	29	121	66	13	83	55	180	24	G 1"1/4	14	25	2,25
GE2 G1"1/2	350	25	65	29	124	66	13	83	55	180	24	G 1"1/2	14	25	2,35

Female/*Femmina* NPT ANSI B 1.20.1

TYPE	PN (PSI)	DN	A	B	C	D	E	F	G	H	L	M	SW	LW	Kg
GE2 N 1/8	7250	4	35	14	71	42	11	49	30	110	11	N 1/8	9	4	0,5
GE2 N 1/4	7250	6	35	14	71	42	11	49	30	110	16	N 1/4	9	6	0,5
GE2 N 3/8	7250	10	40	17	73	44	11	54	35	110	16	N 3/8	9	10	0,65
GE2 N 1/2	7250	13	43	18	83	48	11	57	37	110	17	N 1/2	9	13	0,75
GE2 N 3/4	5800	20	55	23	95	62	13	73	45	180	21	N 3/4	14	20	1,4
GE2 N 1"	5075	25	65	29	113	66	13	83	55	180	24	N 1"	14	25	2,15
GE2 N1"1/4	5075	25	65	29	121	66	13	83	55	180	24	N 1"1/4	14	25	2,25
GE2 N1"1/2	5075	25	65	29	124	66	13	83	55	180	24	N 1"1/2	14	25	2,35

DIN 2353 Light Series/*Serie Leggera*

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	L	M	SW	RA	Kg
GE2 6L	500	6	35	14	76	42	11	49	30	110	10	12x1,5	9	6	0,5
GE2 8L	500	6	35	14	76	42	11	49	30	110	10	14x1,5	9	8	0,5
GE2 10L	500	6	35	14	76	42	11	49	30	110	11	16x1,5	9	10	0,5
GE2 10L	500	10	40	17	76	44	11	54	35	110	11	16x1,5	9	10	0,65
GE2 12L	500	10	40	17	77	44	11	54	35	110	11	18x1,5	9	12	0,65
GE2 15L	500	13	43	18	86	48	11	57	37	110	12	22x1,5	9	15	0,75
GE2 18L	500	13	43	18	86	48	11	57	37	110	12	26x1,5	9	18	0,75
GE2 22L	400	20	55	23	108	62	13	73	45	180	14	30x2	14	22	1,4
GE2 28L	350	25	65	29	115	66	13	83	55	180	14	36x2	14	28	2,15
GE2 35L	350	25	65	29	115	66	13	83	55	180	16	45x2	14	35	2,15
GE2 42L	350	25	65	29	115	66	13	83	55	180	16	52x2	14	35	2,15

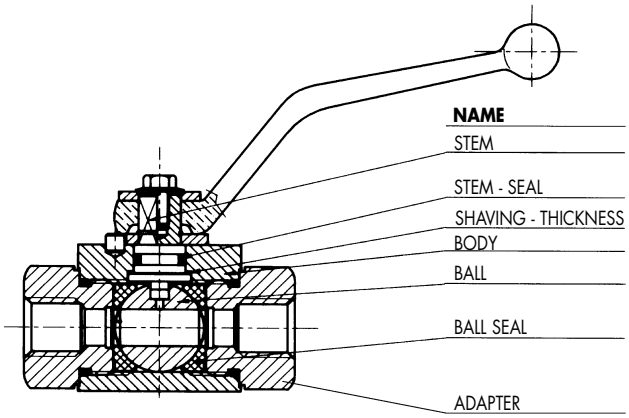
DIN 2353 Heavy Series/*Serie Pesante*

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	L	M	SW	RA	Kg
GE2 8S	500	4	35	14	76	42	11	49	30	110	12	16x1,5	9	8	0,5
GE2 10S	500	6	35	14	76	42	11	49	30	110	12	18x1,5	9	10	0,5
GE2 12S	500	8	35	14	76	42	11	49	30	110	12	20x1,5	9	12	0,5
GE2 12S	500	10	40	17	76	44	11	54	35	110	12	20x1,5	9	12	0,65
GE2 14S	500	10	40	17	82	44	11	54	35	110	14	22x1,5	9	14	0,65
GE2 16S	500	13	43	18	89	48	11	57	37	110	14	24x1,5	9	16	0,75
GE2 20S	500	13	43	18	93	48	11	57	37	110	16	30x2	9	20	0,75
GE2 25S	400	20	55	23	111	62	13	73	45	180	18	36x2	14	25	1,4
GE2 30S	350	25	65	29	125	66	13	83	55	180	20	42x2	14	30	2,15
GE2 38S	350	25	65	29	132	66	13	83	55	180	22	52x2	14	38	2,15

SAE J514 Apr. 80

TYPE	PN (PSI)	DN	A	B	C	D	E	F	G	H	L	M	SW	LW	Kg
GE2 SAE 4	7250	6	35	14	71	42	11	49	30	110	16	SAE 4	9	6	0,5
GE2 SAE 6	7250	10	40	17	73	44	11	54	35	110	16	SAE 6	9	10	0,65
GE2 SAE 8	7250	13	43	18	83	48	11	57	37	110	17	SAE 8	9	13	0,75
GE2 SAE 12	5800	20	55	23	95	62	13	73	45	180	21	SAE 12	14	20	1,4
GE2 SAE 16	5075	25	65	29	113	66	13	83	55	180	24	SAE 16	14	25	2,15
GE2 SAE 20	5075	25	65	29	121	66	13	83	55	180	24	SAE 20	14	25	2,25
GE2 SAE 24	5075	25	65	29	124	66	13	83	55	180	24	SAE 24	14	25	2,35

The company reserves the right to make dimensional modifications without any prior notice
La ditta si riserva il diritto di apportare modifiche dimensionali senza alcun preavviso



GE2 G 1/2 | DN 13 | PN 500 | 1 | 1 | 1 | 1 | A | B

- **Type of valve** — Tipo valvola
- **Fluid flow diameter** — Diametro passaggio fluido
- **Maximum pressure** — Pressione massima
- **Body material** — Materiale corpo
- **Adapter material** — Materiale raccordo
- **Ball material** — Materiale sfera
- **Stem material** — Materiale perno
- **Ball seal** — Guarnizione sfera
- **Adapter and Stem seal** — Guarnizione perno e raccordo

MATERIAL CLASSIFICATION
CLASSIFICA MATERIALE

N.	DIN	W.Nr	AISI	ASTM
1	9 SMnPb 36	1.0737	1214	-
2	St 52-3	1.057	-	A 105
3	X10 CrNiS 18 9	1.4305	303	-
4	X2 CrNiMo 17 13 2	1.4404	316 L	-
5	X20 Cr 13	1.4021	420	-
6	X5 CrNi 18 10	1.4301	304	-

SEAL CLASSIFICATION
CLASSIFICA GUARNIZIONI

A	POM
B	
C	PTFE
D	PEEK
E	
F	
G	PVDF
K	PTFE with a metallic insert
H	PCTFE
I	PTFE - C - 657

SEAL CLASSIFICATION
CLASSIFICA GUARNIZIONI

A	
B	BUNA
C	
D	
E	VITON
F	EPDM
G	
K	
H	
I	