



INDICE
GENERALE 

INFORMATION 



3-WAY HIGH PRESSURE BALL VALVES L T DIAGRAM

**VALVOLA A SFERA A TRE VIE ALTE PRESSIONI
SCHEMA L T**

GE3 PN 400 Bar Temperature of use -20° +100° C





Female/Femmina NPT ANSI B 1.20.1

TYPE	PN (PSI)	DN	A	B	C	D	E	F	G	H	I	L	M	SW	LW	Kg
GE3 N 1/8	7250	4	35	14	71	42	11	49	30	110	33,5	16	N 1/8	9	4	0,5
GE3 N 1/4	7250	6	35	14	71	42	11	49	30	110	33,5	16	N 1/4	9	6	0,5
GE3 N 3/8	7250	10	40	17	73	44	11	54	35	110	37	16	N 3/8	9	10	0,7
GE3 N 1/2	7250	13	43	18	83	48	11	57	37	110	40	17	N 1/2	9	13	0,8
GE3 N 3/4	5800	20	55	23	95	62	13	73	45	180	52	21	N 3/4	14	20	1,5
GE3 N 1"	5075	25	65	29	113	66	13	83	55	180	60	24	N 1"	14	25	2,35
GE3 N1"1/4	5075	25	65	29	121	66	13	83	55	180	61,5	24	N1"1/4	14	25	2,5
GE3 N1"1/2	5075	25	65	29	124	66	13	83	55	180	61,5	24	N1"1/2	14	25	2,7

DIN 2353 Light Series/Serie Leggera

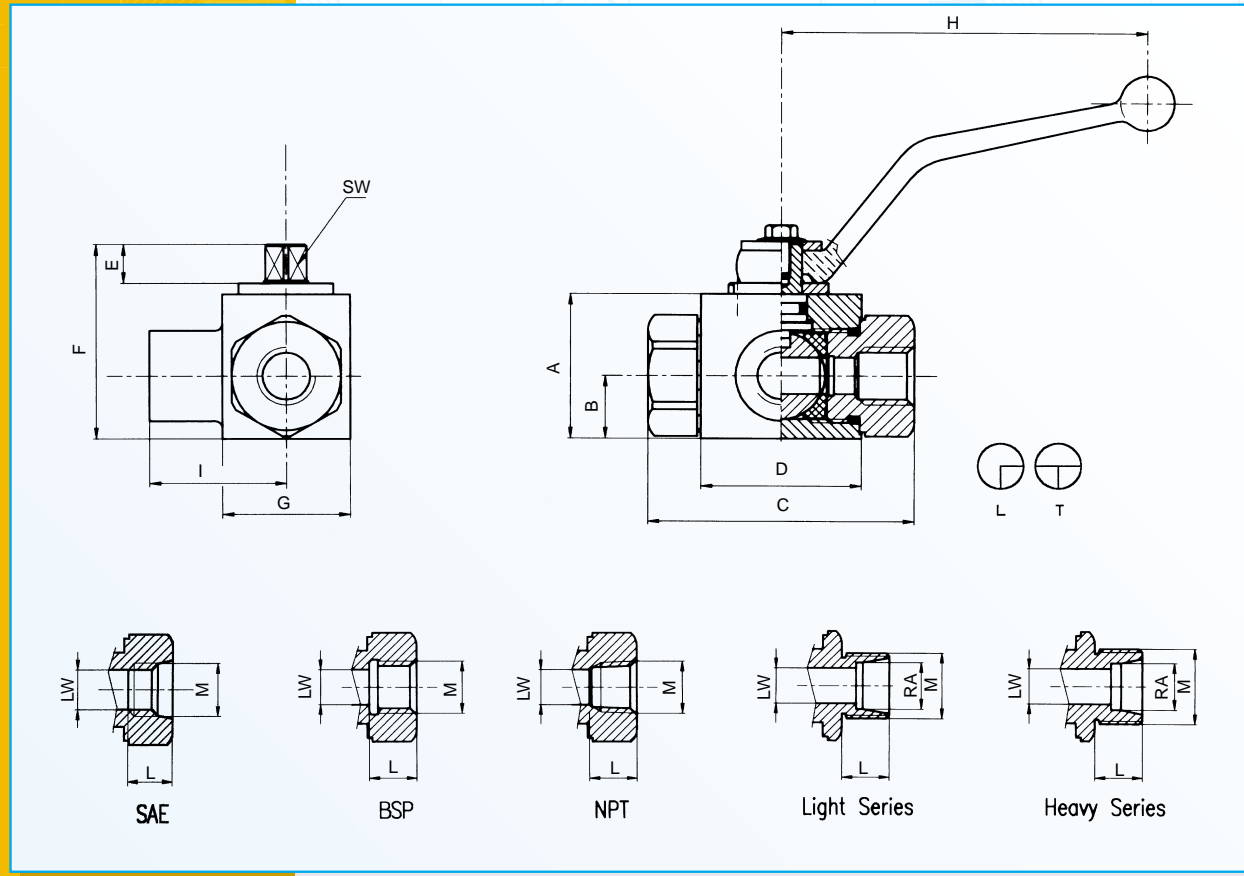
TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	I	L	M	SW	LW	RA
GE3 6L	400	6	35	14	76	42	11	49	30	110	36	10	12x1,5	9	4	6
GE3 8L	400	6	35	14	76	42	11	49	30	110	36	10	14x1,5	9	4	8
GE3 10L	400	6	35	14	76	42	11	49	30	110	36	11	16x1,5	9	6	10
GE3 12L	400	10	40	17	78	44	11	54	35	110	41	11	18x1,5	9	10	12
GE3 15L	350	13	43	18	88	48	11	57	37	110	44	12	22x1,5	9	13	15
GE3 18L	350	13	43	18	88	48	11	57	37	110	44	12	26x1,5	9	13	18
GE3 22L	350	20	55	23	100	62	13	73	45	180	57	14	30x2	14	20	22
GE3 28L	350	25	65	29	119	66	13	83	55	180	64	14	36x2	14	25	28
GE3 35L	350	25	65	29	128	66	13	83	55	180	66	16	45x2	14	25	35

DIN 2353 Heavy Series/Serie Pesante

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	I	L	M	SW	LW	RA
GE3 10S	400	6	35	14	76	42	11	49	30	110	36	12	18x1,5	9	4	10
GE3 12S	400	6	35	14	76	42	11	49	30	110	36	12	20x1,5	9	6	12
GE3 14S	400	10	40	17	78	44	11	54	35	110	41	14	22x1,5	9	10	14
GE3 16S	350	13	43	18	88	48	11	57	37	110	44	14	24x1,5	9	13	16
GE3 20S	350	13	43	18	88	48	11	57	37	110	44	16	30x2	9	13	20
GE3 25S	350	20	55	23	100	62	13	73	45	180	57	18	36x2	14	20	25
GE3 30S	350	25	65	29	119	66	13	83	55	180	64	20	42x2	14	25	30
GE3 38S	350	25	65	29	128	66	13	83	55	180	66	22	52x2	14	25	38

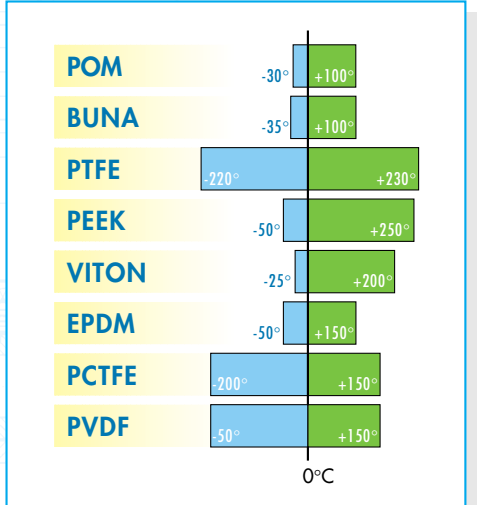
SAE J514 Apr. 80

TYPE	PN (PSI)	DN	A	B	C	D	E	F	G	H	I	L	M	SW	LW	Kg
GE3 SAE 4	7250	6	35	14	71	42	11	49	30	110	33,5	16	SAE 4	9	6	0,5
GE3 SAE 6	7250	10	40	17	73	44	11	54	35	110	37	16	SAE 6	9	10	0,65
GE3 SAE 8	7250	13	43	18	83	48	11	57	37	110	40	17	SAE 8	9	13	0,75
GE3 SAE 12	5800	20	55	23	95	62	13	73	45	180	52	21	SAE 12	14	20	1,4
GE3 SAE 16	5075	25	65	29	113	66	13	83	55	180	60	24	SAE 16	14	25	2,15
GE3 SAE 20	5075	25	65	29	121	66	13	83	55	180	61,5	24	SAE 20	14	25	2,25
GE3 SAE 24	5075	25	65	29	124	66	13	83	55	180	61,5	24	SAE 24	14	25	2,35



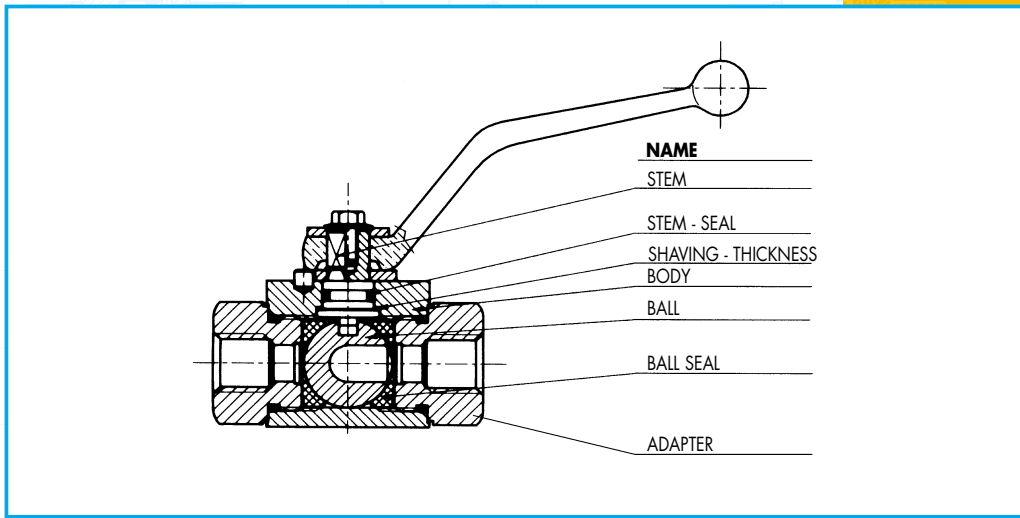
**MAXIMUM AND MINIMUM
ADMISSIBLE WORKING
TEMPERATURES FOR
SEAL MATERIAL**

**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	I	L	M	SW	LW	Kg
GE3 G 1/8	400	4	35	14	71	42	11	49	30	110	33,5	11	G 1/8	9	4	0,5
GE3 G 1/4	400	6	35	14	71	42	11	49	30	110	33,5	16	G 1/4	9	6	0,5
GE3 G 3/8	400	10	40	17	73	44	11	54	35	110	37	16	G 3/8	9	10	0,7
GE3 G 1/2	350	13	43	18	83	48	11	57	37	110	40	17	G 1/2	9	13	0,8
GE3 G 3/4	350	20	55	23	95	62	13	73	45	180	52	21	G 3/4	14	20	1,5
GE3 G 1"	350	25	65	29	113	66	13	83	55	180	60	24	G 1"	14	25	2,35
GE3 G1"1/4	350	25	65	29	121	66	13	83	55	180	61,5	24	G1"1/4	14	25	2,5
GE3 G1"1/2	350	25	65	29	124	66	13	83	55	180	61,5	24	G1"1/2	14	25	2,7



GE3 G 1/2 | L | DN 13 | PN 350 | 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	X5 CrNiMo 17 12 2	1.4436	316	-
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	