

Certificazioni / Certifications

		GIUNTI MECCANICI PER TUBOLATURE - MARINEPRES MECHANICAL JOINTS FOR PIPES - MARINEPRES	MAC - 069514CS/001 - 002	Ø 15 - 108 mm
		TUBE FITTINGS - MARINEPRES	TAP000007B	Ø 15 - 108 mm
		PRESS FIT SYSTEM OF COMPRESSION TYPE FOR PIPING SYSTEMS	15/20055 (E1)	Ø 15 - 108 mm
		MARINEPRES PIPE PENETRATION (STANDARD FIRE TEST) Ø 15-108 MM	MED 1650183 - SASF160205	Ø 15 - 108 mm
		PIPE COUPLING WITH O-RING SEAL MARINEPRES SYSTEM	38059/A0 BV	Ø 15 - 108 mm
		MARINEPRES, PIPING SYSTEM AND FITTING	15-GE1308502-PDA	Ø 15 - 108 mm
		MARINEPRES, MECHANICAL JOINTS	ML 16T00012	Ø 15 - 108 mm
		Attestato di conformità al D.M. 174/2004	TIFQ-099-AP06/00	Ø 15 - 54 mm

Campi di applicazione / Fields of application



Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico
Solar thermal



Aria compressa
Compressed air



Antincendio
Fire protection systems



Acque di processo
Process water



Scarichi
Waste water

MARINE PRES® O-ring FKM

Verde | Green | Grün | Vert | Verde



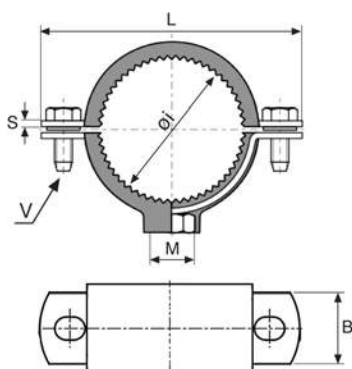
BIM
Librerie BIM per REVIT - BIM library for REVIT

**616/000 CN****≤54 B 90 91****76÷108 B 90 92****PER IMPIANTI
NAVALI**

- FOR SHIPYARD SECTOR
- FÜR SCHIFFSBEREICH
- POUR SECTEUR NAVAL
- PARA SECTOR NAVAL

NORM: DIN 86019**Mat. Nr.: CuNi10Fe1.6Mn L=6 m**

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	€/m
616015000CN	15 x 1,0	13	6	0,39	0,133	60	20,44
616018000CN	18 x 1,0	16	6	0,48	0,201	60	24,86
616022000CN	22 x 1,0	20	6	0,59	0,314	60	30,71
616028000CN	28 x 1,5	25	6	1,12	0,491	30	58,09
616035000CN	35 x 1,5	32	6	1,41	0,804	30	73,46
616042000CN	42 x 1,5	39	6	1,71	1,194	30	88,84
616054000CN	54 x 1,5	51	6	2,21	2,042	30	115,17
616076000CN	76,1 x 2,0	72,1	6	4,16	4,08	6	195,09
616088000CN	88,9 x 2,0	84,9	6	4,88	5,66	6	224,94
616108000CN	108 x 2,5	103	6	7,41	8,332	6	384,20



Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la

DIN 4109**156/G****A 50 50****COLLARE GOMMA PER TUBO
MARINEPRES**

- CLAMP WITH RUBBER FOR MARINEPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR MARINEPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE MARINEPRES
- ABRAZADERA ISOFÓNICA PARA TUBO MARINEPRES

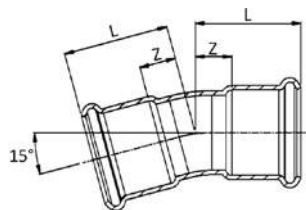
MATERIAL: AISI 304 / W. 1.4301**VULCANIZED RUBBER:**

EPDM [-20°
C/+120° C]
durezza/hardness
55 Shore

NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	Øi mm	M	V mm	B mm	L mm	S mm	g	€
156150304G	15	M 8	M 6 x 20	20	58	2	72	50** 6,46
156308304G	18	M 8	M 6 x 20	20	58	2	76	50** 6,46
156102304G	22	M 8	M 6 x 20	20	63,5	2	86	50** 6,58
156304304G	28	M 8	M 6 x 20	20	70	2	94	50** 6,84
156100304G	35	M 8	M 6 x 20	20	79	2	112	50** 7,25
156114304G	42	M 8	M 6 x 20	20	85	2	120	50** 8,44
156112304G	54	M 8	M 6 x 25	20	97	2	142	50** 9,21
156212304G	76,1	M 10	M 6 x 25	30	128	2	308	10** 13,99
156300304G	88,9	M 10	M 6 x 25	30	148	2	346	10** 15,16
156108304G*	107 - 110	M 8/10	M 6 x 25	20	168	2	160	10** 18,30

*Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable



681/150 CN

≤54 B 80 81

76÷108 B 80 82

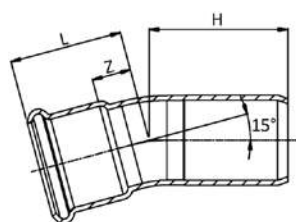
CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015150CN	15	30	10	43	20	17,86
681022150CN	22	33	12	72	20	22,04
681028150CN	28	36	13	97	10	25,48
681035150CN	35	37	11	140	10	29,79
681042150CN	42	42	12	200	4	48,50
681054150CN	54	49	13	302	2	61,95
681076150CNC	76,1	87,5	32,5	863	2	224,34
681088150CNC	88,9	100,5	40,5	1147	2	268,04
681108150CNC	108	109,5	34,5	1567	2	368,45



681/151 CN

≤54 B 80 81

76÷108 B 80 82

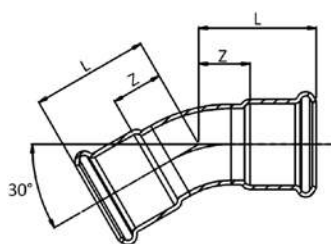
CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015151CN	15	30	40	10	42	20	17,05
681022151CN	22	33	41	12	71	20	20,78
681028151CN	28	36	43	13	101	10	25,26
681035151CN	35	37	41	11	148	10	29,47
681042151CN	42	42	47	12	208	4	46,24
681054151CN	54	49	55	13	339	2	58,41
681076151CNC	76,1	87,5	95,5	32,5	827	2	208,13
681088151CNC	88,9	100,5	108,5	40,5	1100	2	245,57
681108151CNC	108	109,5	118	34,5	1482	2	344,66

**681/300 CN**

≤54 B 80 81

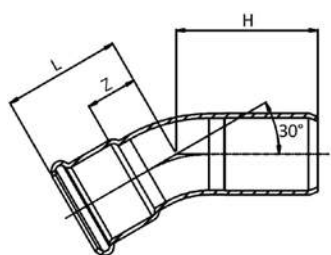
76÷108 B 80 82

CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm	 g		€
681015300CN	15	33	13	43	20	17,86
681022300CN	22	37	16	72	20	22,04
681028300CN	28	41	18	97	10	25,48
681035300CN	35	37	11	140	10	29,79
681042300CN	42	44	14	200	4	48,50
681054300CN	54	52	17	302	2	61,95
681076300CN	76,1	100	55	1004	2	224,34
681088300CN	88,9	115	64	1394	2	268,04
681108300CN	108	127	68	1896	2	368,45

**681/301 CN**

≤54 B 80 81

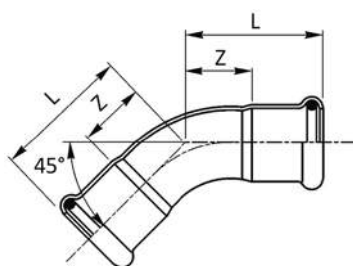
76÷108 B 80 82

CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm	 g		€
681015301CN	15	33	43	13	42	20	17,05
681022301CN	22	37	46	16	71	20	20,78
681028301CN	28	41	48	18	101	10	25,26
681035301CN	35	37	46	11	148	10	29,47
681042301CN	42	44	54	14	208	4	46,24
681054301CN	54	52	63	17	339	2	58,41
681076301CN	76,1	100	108	55	1004	2	208,13
681088301CN	88,9	115	123	64	1394	2	245,57
681108301CN	108	127	136	68	1896	2	344,66



681/450 CN

≤54 B 80 81

76÷108 B 80 82

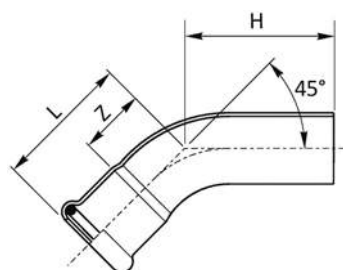
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015450CN	15	27,5	7,5	43	20	17,86
681018450CN	18	29,5	9,5	54	20	19,83
681022450CN	22	32	11	72	20	22,04
681028450CN	28	37	14	97	10	25,48
681035450CN	35	43,5	17,5	140	10	29,79
681042450CN	42	51	21	200	4	48,50
681054450CN	54	62	26,5	302	2	61,95
681076450CN	76,1	133	78	1004	2	224,34
681088450CN	88,9	144,5	84,5	1394	2	268,04
681108450CN	108	169	94	1896	2	368,45



681/451 CN

≤54 B 80 81

76÷108 B 80 82

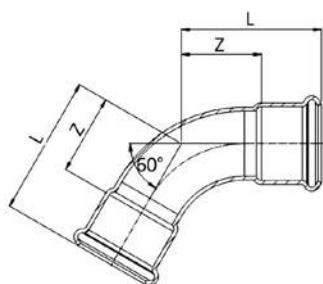
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015451CN	15	27,5	39,5	7,5	42	20	17,05
681018451CN	18	29,5	36	9,5	54	20	18,36
681022451CN	22	32	42	11	71	20	20,78
681028451CN	28	37	46	14	101	10	25,26
681035451CN	35	43,5	57,5	17,5	148	10	29,47
681042451CN	42	51	72	21	208	4	46,24
681054451CN	54	62	82	26,5	339	2	58,41
681076451CN	76,1	133	149	78	1004	2	208,13
681088451CN	88,9	144,5	159,5	84,5	1394	2	245,57
681108451CN	108	169	184	94	1896	2	344,66

**681/600 CN**

≤54 B 80 81

76÷108 B 80 82

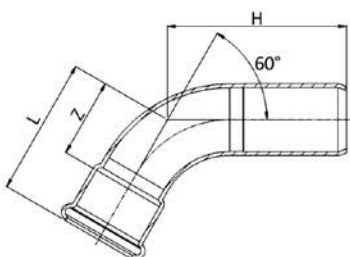
CURVA 60° FF

- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

NEW

CODE	De mm	L mm	Z mm	 g		€
681028600CN	28	42	19	109	10	25,48
681035600CN	35	71	44	140	5	29,79
681042600CN	42	82	50	200	2	48,50
681054600CN	54	82	44	348	2	61,95
681076600CN	76,1	146,5	91,5	1311	2	224,34
681088600CN	88,9	162	102	1687	2	268,04
681108600CN	108	1190	115	2440	2	368,45

**681/601 CN**

≤54 B 80 81

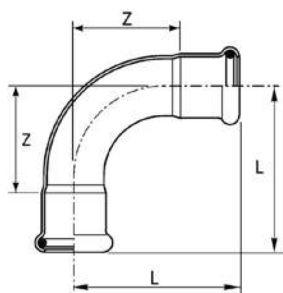
76÷108 B 80 82

CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm	 g		€
681035601CN	35	71	74	50	148	5	29,47
681042601CN	42	82	86	50	208	2	46,24
681054601CN	54	82	89	45	339	2	58,41
681076601CN	76,1	146,5	164	91,5	1313	2	208,13
681088601CN	88,9	162	177	102	1674	2	245,57
681108601CN	108	190	205	115	2392	2	344,66



681/900 CN

≤54 B 80 81

76÷108 B 80 82

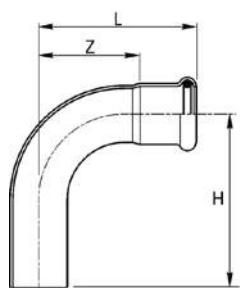
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
681015900CN	15	38	18	51	20	13,36
681018900CN	18	41,5	21,5	64	20	16,44
681022900CN	22	47	26	88	10	18,40
681028900CN	28	56	33	124	10	22,60
681035900CN	35	68	42	185	5	36,42
681042900CN	42	80	50	253	2	62,76
681054900CN	54	100	65	427	2	81,20
681076900CN	76,1	160	105	1283	2	193,19
681088900CN	88,9	182	122	1762	2	247,95
681108900CN	108	220	145	2509	2	322,35



681/901 CN

≤54 B 80 81

76÷108 B 80 82

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

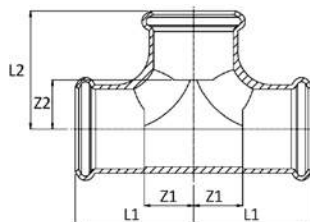
MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	H mm	Z mm			€
681015901CN	15	38	48	18	51	20	14,54
681018901CN	18	41,5	48,5	21,5	64	20	14,96
681022901CN	22	47	57	26	88	10	17,57
681028901CN	28	56	64	33	124	10	21,76
681035901CN	35	68	82	42	191	5	35,12
681042901CN	42	80	101	50	268	2	57,39
681054901CN	54	100	120	65	422	2	78,73
681076901CN	76,1	160	177	105	1283	2	191,06
681088901CN	88,9	182	197	122	1762	2	227,49
681108901CN	108	220	233	145	2509	2	316,50

≤54 B 80 81

76÷108 B 80 82

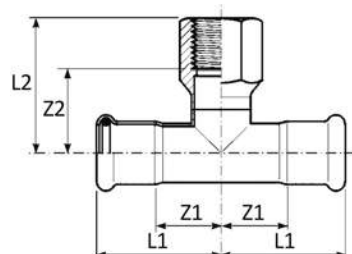
**682 CN****"T"**

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
682015000CN*	15	32	32	10,5	10,5	77	20	21,44
682018000CN*	18	34	34	12,5	12,5	95	20	23,70
682022000CN*	22	37	37	14,5	14,5	124	10	25,76
682028000CN*	28	42	42	17,5	17,5	175	10	30,37
682035000CN*	35	50	50	22,5	22,5	252	4	39,28
682042000CN*	42	57	57	25,5	25,5	343	4	54,23
682054000CN*	54	69	69	32,5	32,5	520	2	65,50
682076000CN	76,1	108	117,5	53	62,5	1422	2	420,06
682088000CN	88,9	131,5	134,5	71,5	71,5	1712	2	472,21
682108000CN	108	155	160	80	85	2359	2	589,71

[*]: idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado

**689 CN**

≤54 B 80 81

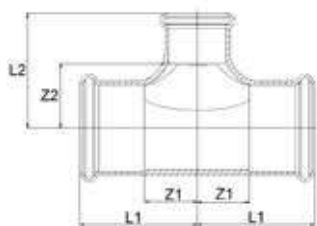
76÷108 B 80 82

**"T" CON
DERIVAZIONE FILETTO F**

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
689102015CN	15 x 1/2" x 15	34,5	40	13,5	25	100	20	26,70
689102018CN	18 x 1/2" x 18	36,5	41,5	16,5	26,5	121	20	28,84
689102022CN	22 x 1/2" x 22	39,5	44	18	29	154	10	31,51
689304022CN	22 x 3/4" x 22	39,5	47	18	30,5	159	10	33,39
689102028CN	28 x 1/2" x 28	44	46,5	21	31,5	188	10	34,40
689304028CN	28 x 3/4" x 28	44	49,5	21	33	206	10	39,20
689102035CN	35 x 1/2" x 35	51	50	25,5	35	220	5	38,66
689304035CN	35 x 3/4" x 35	51	53	25,5	36,5	229	5	47,55
689102042CN	42 x 1/2" x 42	58,5	54	28,5	39	302	4	48,75
689304042CN	42 x 3/4" x 42	58,5	56,5	28,5	40	309	4	51,98
689102054CN	54 x 1/2" x 54	69,5	61	34	46	420	2	55,94
689304054CN	54 x 3/4" x 54	69,5	64	34	47,5	436	2	58,86
689304076CN	76,1 x 3/4" x 76,1	108	76	53	59,5	1160	2	372,62
689304088CN	88,9 x 3/4" x 88,9	131,5	83,5	71,5	67	1400	2	414,19
689304108CN	108 x 3/4" x 108	155	93	80	76,5	1896	2	501,26

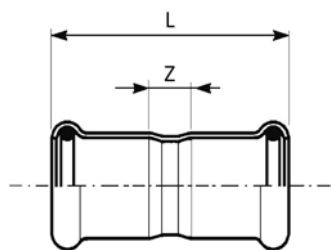
**692 CN****≤54 B 80 81****76÷108 B 80 82****"T" RIDOTTO**

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			€
692018015CN*	18 x 15 x 18	34	35	12,5	13,5	89	20	22,73
692022015CN*	22 x 15 x 22	37	38	14,5	16,5	120	10	24,51
692028015CN*	28 x 15 x 28	42	40,5	17,5	19	157	10	28,49
692028018CN*	28 x 18 x 28	42	40,5	17,5	19	162	10	29,72
692028022CN*	28 x 22 x 28	42	41	17,5	20	166	10	30,26
692035015CN	35 x 15 x 35	51	49	25	29	176	5	35,02
692035022CN	35 x 22 x 35	51	50,5	25	29,5	186	5	36,94
692035028CN	35 x 28 x 35	51	53,5	25	30,5	191	5	37,50
692042022CN	42 x 22 x 42	58,5	54	28	33	264	4	51,94
692042028CN	42 x 28 x 42	58,5	57	28	34	261	4	52,63
692042035CN	42 x 35 x 42	58,5	61	28	35	303	4	57,17
692054022CN	54 x 22 x 54	69,5	61,5	34	40,5	368	2	60,47
692054028CN	54 x 28 x 54	69,5	65,5	34	41,5	385	2	61,26
692054035CN	54 x 35 x 54	69,5	68,5	34	42,5	403	2	64,07
692054042CN	54 x 42 x 54	69,5	72	34	42	419	2	69,10
692076022CN	76,1 x 22 x 76,1	108	72,5	52	52,5	1110	2	318,10
692076028CN	76,1 x 28 x 76,1	108	77	52	54	1132	2	342,32
692076035CN	76,1 x 35 x 76,1	108	80	52	54	1143	2	365,42
692076042CN	76,1 x 42 x 76,1	108	84	52	54	1165	2	385,67
692076054CN	76,1 x 54 x 76,1	108	90	52	55	1188	2	414,07
692088022CN	88,9 x 22 x 88,9	132	81	72	60	1361	2	337,42
692088028CN	88,9 x 28 x 88,9	132	84	72	61	1366	2	358,48
692088035CN	88,9 x 35 x 88,9	132	88	72	62	1389	2	381,85
692088042CN	88,9 x 42 x 88,9	132	91	72	61	1400	2	414,16
692088054CN	88,9 x 54 x 88,9	132	97	72	62	1428	2	429,07
692088076CN	88,9 x 76 x 88,9	132	125	72	70	1656	2	463,74
692108022CN	108 x 22 x 108	155	91	74	70	1857	2	358,85
692108028CN	108 x 28 x 108	155	94	74	71	1863	2	376,29
692108035CN	108 x 35 x 108	155	97	74	71	1980	2	418,04
692108042CN	108 x 42 x 108	155	101	74	71	2080	2	435,99
692108054CN	108 x 54 x 108	155	107	74	72	2147	2	472,82
692108076CN	108 x 76,1 x 108	155	135	74	80	2153	2	493,29
692108088CN	108 x 88,9 x 108	155	141	74	81	2192	2	563,57

(*): idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado

**683/000 CN**

≤54 B 80 81

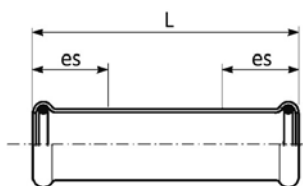
76÷108 B 80 82

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
683015000CN	15	49	9	39	20	9,35
683018000CN	18	50	10	47	20	9,93
683022000CN	22	52,5	10,5	60	20	11,11
683028000CN	28	56	10	79	10	12,83
683035000CN	35	62,5	10,5	108	10	17,01
683042000CN	42	72	12	152	4	21,59
683054000CN	54	83	12	221	2	26,09
683076000CN	76,1	142	32	708	4	152,76
683088000CN	88,9	165,5	45,5	853	4	174,54
683108000CN	108	203	53	1305	2	219,91

**683/001 CN**

≤54 B 80 81

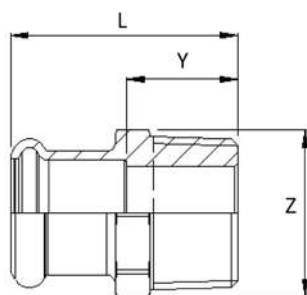
76÷108 B 80 82

**MANICOTTO
PASSANTE**

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	es mm			€
683015001CN	15	69	25	62	20	15,12
683018001CN	18	73	25	72	20	17,52
683022001CN	22	79	25	95	10	20,07
683028001CN	28	88,5	30	132	10	22,84
683035001CN	35	102,5	30	157	4	24,93
683042001CN	42	117,5	40	261	2	29,95
683054001CN	54	139	40	358	2	36,13
683076001CN	76,1	230	60	1048	2	283,93
683088001CN	88,9	260	70	1383	2	318,94
683108001CN	108	310	80	2047	2	388,14



687 CN

B 80 81

MANICOTTO MISTO FILETTO M

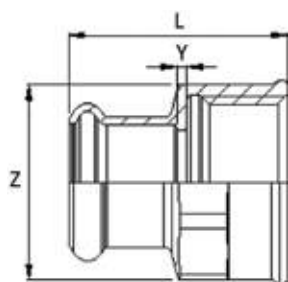
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm			€
687102015CN	15 x 1/2"	36	24	16	58	20	22,17
687102018CN	18 x 1/2"	37	27	17	58	20	24,26
687304018CN	18 x 3/4"	38	30	18	73	20	25,84
687102022CN	22 x 1/2"	38	32	17	72	10	29,78
687304022CN	22 x 3/4"	39	32	18	80	10	29,53
687100028CN	28 x 1"	44,5	38	21,5	121	10	39,26
687114035CN	35 x 1 1/4"	50	46	24	199	5	63,82
687112042CN	42 x 1 1/2"	54	54	24	244	4	99,80
687200054CN	54 x 2"	63,5	70	27,5	406	4	159,24



690 CN

B 80 81

MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

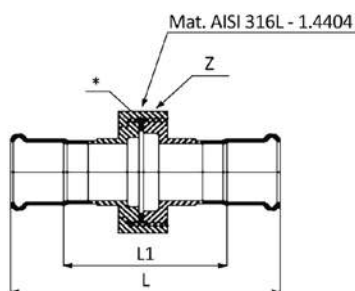
MATERIAL: CuNi10Fe1.6Mn

O-RING: FKM verde - green - Grün - vert - verde

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm			€
690102015CN	15 x 1/2"	36	30	2	70	20	24,05
690102018CN	18 x 1/2"	37	30	2	74	20	24,75
690304018CN	18 x 3/4"	39	34	2	90	10	23,89
690102022CN	22 x 1/2"	36	32	1	80	20	41,56
690304022CN	22 x 3/4"	39	34	1,5	87	10	34,67
690102028CN	28 x 1/2"	39	38	1	115	10	39,34
690100028CN	28 x 1"	45	43	2,5	148	10	49,09
690114035CN	35 x 1 1/4"	50	50	2	192	5	75,48
690112042CN	42 x 1 1/2"	54	60	2	272	4	114,53
690200054CN	54 x 2"	65	70	3	399	4	179,97

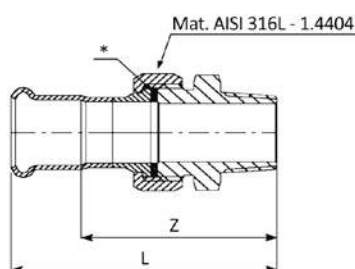
B 80 81

**684/001 CN****BOCCHETTONE A SEDE PIANA**

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**GASKET:** [*]: FKM verde - green - Grün - vert - verde

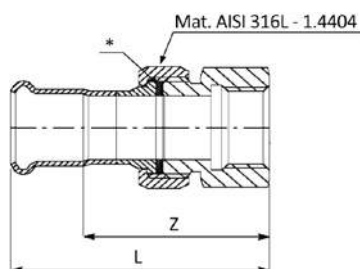
CODE	De mm	L mm	L1 mm	Z mm	Gasket mm			€
684015001CN	15	96	56	18	24x14 thk 3	146	10	52,67
684018001CN	18	97	57	20	30x20 thk 3	187	10	62,11
684022001CN	22	100	58	24	30x20 thk 3	194	10	69,94
684028001CN	28	117	71	32	47,5x33 thk 3	450	5	101,88
684035001CN	35	127	75	41	56x42 thk 3	617	4	128,55
684042001CN	42	140	80	46	66x56 thk 3	797	2	159,48
684054001CN	54	152	82	60	79,5x69 thk 3	1176	2	268,61

**684/002 CN****BOCCHETTONE SEDE PIANA FILETTO M**

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**GASKET:** [*]: FKM verde - green - Grün - vert - verde**THREAD:** EN 10226-1 (ex ISO 7/1)

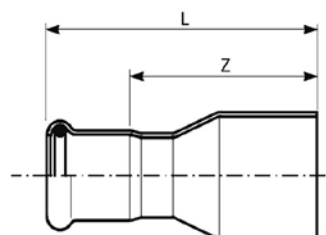
CODE	De x R mm x inch	L mm	Z mm	Gasket mm			€
684015002CN	15 x 1/2"	76	56	24x14 thk 3	142	2	54,19
684018002CN	18 x 1/2"	76	56	24x14 thk 3	144	2	61,73
684022002CN	22 x 3/4"	80	59	30x20 thk 3	202	2	63,56
684028002CN	28 x 1"	90	67	39x27 thk 3	364	2	108,33
684035002CN	35 x 1 1/4"	100	74	44,5x34 thk 3	540	2	138,35
684042002CN	42 x 1 1/2"	104	74	50,5x40 thk 3	563	2	150,81
684054002CN	54 x 2"	118	83	65,5x53,5 thk 3	823	2	258,94

**684/003 CN****B 80 81****BOCCHETTONE SEDE PIANA FILETTO F**

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**GASKET:** [*]: FKM verde - green - Grün - vert - verde**THREAD:** EN 10226-1 (ex ISO 7/1)

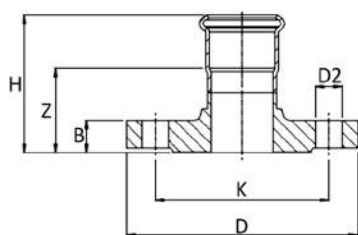
CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			€
684015003CN	15 x 1/2"	70	50	24x14 thk 3	140	2	51,43
684018003CN	18 x 1/2"	71	51	24x14 thk 3	145	2	62,04
684022003CN	22 x 3/4"	75	54	30x20 thk 3	213	2	71,04
684028003CN	28 x 1"	83	60	39x27 thk 3	404	2	93,50
684035003CN	35 x 1 1/4"	92	66	44,5x34 thk 3	486	2	115,76
684042003CN	42 x 1 1/2"	96	66	50,5x40 thk 3	536	2	136,70
684054003CN	54 x 2"	116	81	65,5x53,5 thk 3	1091	2	260,65

**691 CN****≤54 B 80 81****76÷108 B 80 82****RIDUZIONE MF**

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	Z mm			€
691018015CN	18 x 15	57	37	43	20	11,31
691022015CN	22 x 15	64	44	54	20	13,69
691022018CN	22 x 18	60	40	54	20	12,05
691028015CN	28 x 15	76,5	56,5	73	20	14,27
691028022CN	28 x 22	65	44	74	20	13,69
691035022CN	35 x 22	70	49	91	10	17,55
691035028CN	35 x 28	71	48	101	10	17,36
691042022CN	42 x 22	97	76	140	4	53,79
691042028CN	42 x 28	93	70	145	4	54,99
691042035CN	42 x 35	81	55	139	4	23,93
691054028CN	54 x 28	108,5	85,5	204	4	50,65
691054035CN	54 x 35	108	82	215	4	63,05
691054042CN	54 x 42	97,5	67,5	216	4	27,72
691076042CN	76,1 x 42	143	113	492	4	136,13
691076054CN	76,1 x 54	147	112	532	4	141,37
691088054CN	88,9 x 54	160	125	656	4	198,57
691088076CN	88,9 x 76,1	184	129	902	4	189,66
691108054CN	108 x 54	178	143	862	2	217,95
691108076CN	108 x 76,1	203	148	1119	2	219,84
691108088CN	108 x 88,9	207	147	1229	2	215,54

**693/002 CN**

≤54 B 80 81

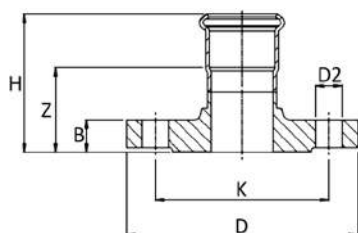
76÷108 B 80 82

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**PN 6**

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			€
693015002CN	15	15	53	33	12	80	11,5	4	55	452	2	73,11
693018002CN	18	15	53,5	33,5	12	80	11,5	4	55	452	2	72,44
693022002CN	22	20	56,5	35,5	14	90	11,5	4	65	680	2	85,79
693028002CN	28	25	59,5	36,5	14	100	11,5	4	75	843	2	112,04
693035002CN	35	32	63	37	14	120	11,5	4	90	1206	2	125,43
693042002CN	42	40	67	37	14	130	14	4	100	1324	2	168,73
693054002CN	54	50	74	38	14	140	14	4	110	1505	2	191,11
693076002CN	76,1	65	101	45,5	14	160	14	4	130	2086	2	399,88
693088002CN	88,9	80	112	52	16	190	18	4	150	3253	2	534,03
693108002CN	108	100	128	53	16	210	18	4	170	3924	2	637,99

**693/000 CN**

≤54 B 80 81

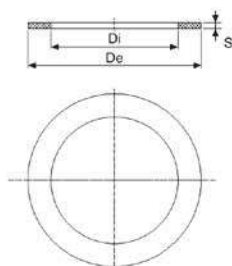
76÷108 B 80 82

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn**O-RING:** FKM verde - green - Grün - vert - verde**PN 16**

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			€
693015000CN	15	15	55	35	14	95	14	4	65	735	2	96,49
693018000CN	18	15	55,5	35,5	14	95	14	4	65	735	2	102,26
693022000CN	22	20	58,5	37,5	16	105	14	4	75	1051	2	116,41
693028000CN	28	25	61,5	38,5	16	115	14	4	85	1267	2	143,09
693035000CN	35	32	65,5	39,5	16	140	18	4	100	1828	2	163,14
693042000CN	42	40	69	39	16	150	18	4	110	2007	2	171,43
693054000CN	54	50	78	42	18	165	18	4	125	2734	2	286,76
693076000CN	76,1	65	105	50	18	185	18	4	145	3538	2	443,28
693088000CN	88,9	80	116	56	20	200	18	8	160	4382	2	551,80
693108000CN	108	100	132	57	20	220	18	8	180	5230	2	657,95



PN 6

434/PN6

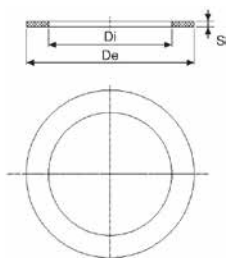
R 30 30

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm			€
434015006	15 - [1/2"]	44	20	2	4	10	0,53
434020006	20 - [3/4"]	54	25	2	6	10	0,78
434025006	25 - [1"]	64	30	2	9	10	1,07
434032006	32 - [1 1/4"]	75	38	2	11	10	1,45
434040006	40 - [1 1/2"]	85	45	2	14	10	1,88
434050006	50 - [2"]	95	57	2	15	10	2,86
434065006	65 - [2 1/2"]	115	76	2	19	10	3,93
434080006	80 - [3"]	132	89	2	26	10	4,67
434100006	100 - [4"]	152	108	2	29	10	5,53



PN
10/16

434/PN10-16

R 30 30

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm			€
434015000	15 - [1/2"]	50	20	2	6	10	0,53
434020000	20 - [3/4"]	60	25	2	8	10	0,76
434025000	25 - [1"]	70	30	2	10	10	1,06
434032000	32 - [1 1/4"]	82	38	2	14	10	1,45
434040000	40 - [1 1/2"]	92	45	2	17	10	1,88
434050000	50 - [2"]	108	57	2	22	10	2,84
434065000	65 - [2 1/2"]	127	76	2	27	10	3,91
434080000	80 - [3"]	142	89	2	30	10	4,63
434100000	100 - [4"]	162	108	2	38	10	5,31

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto

IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile WRAS n° 1605525

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

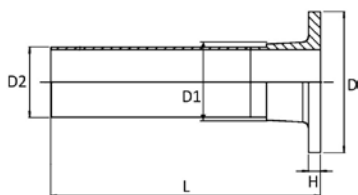
GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water WRAS n° 1605525

**693/004 CN**

≤54 B 80 81

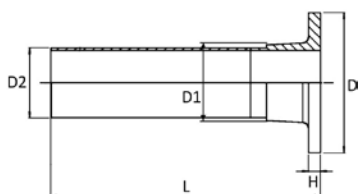
76÷108 B 80 82

BOCCELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn**PN 6**

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm			€
693022004CN	22	135	50	27	22	5	160	1	52,82
693028004CN	28	135	60	32	28	5	260	1	61,74
693035004CN	35	135	70	40	35	5	340	1	77,00
693042004CN	42	135	80	46	42	6	450	1	90,88
693054004CN	54	135	90	59	54	6	560	1	155,48
693076004CN	76,1	135	110	78	76,1	6	850	1	215,20
693088004CN	88,9	135	128	91	88,9	7	1200	1	299,57
693108004CN	108	135	148	110	108	7	1540	1	375,53

**693/003 CN**

≤54 B 80 81

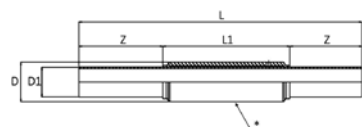
76÷108 B 80 82

BOCCELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn**PN 16**

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm			€
693022003CN	22	135	58	27	22	5	190	1	62,33
693028003CN	28	135	68	32	28	5	300	1	72,60
693035003CN	35	135	78	40	35	5	380	1	92,95
693042003CN	42	135	88	46	42	6	510	1	114,48
693054003CN	54	135	102	59	54	6	650	1	157,26
693076003CN	76,1	135	122	78	76,1	6	970	1	263,20
693088003CN	88,9	135	138	91	88,9	7	1240	1	330,89
693108003CN	108	135	158	110	108	7	1690	1	422,45

**679/001 CN**

≤54 B 80 81

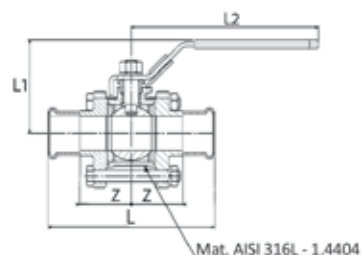
76÷108 B 80 82

PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: CuNi10Fe1.6Mn**NOTE:** [*]: S235JR (Fe 360)

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm			€
679015001CN	15	450	120	165	25	15	513	1	38,01
679018001CN	18	450	120	165	30	18	693	1	38,21
679022001CN	22	450	120	165	33	22	782	1	40,95
679028001CN	28	450	120	165	37	28	865	1	44,04
679035001CN	35	450	120	165	43,5	35	1044	1	53,55
679042001CN	42	450	120	165	53	42	1440	1	64,11
679054001CN	54	450	120	165	69	54	2192	1	126,82
679076001CN	76,1	450	120	165	88,5	76,1	3167	1	137,95
679088001CN	88,9	450	120	165	107	88,9	4551	1	162,17
679108001CN	108	450	120	165	131,5	108	6337	1	200,03

**695/003 CN**

≤54 B 80 81

76÷108 B 80 82

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE LUCCHETTABILE CON BASE PER ATTUATORE

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PIECES PASSAGE INTÉGRAL
- VALVULA DE BOLA TRES PIEZAS POSO TOTAL

MATERIAL: CuNi10Fe1.6Mn (corpo/body AISI 316L - 1.4404)**O-RING:** FKM verde - green - Grün - vert - verde

CODE	DN	De mm	DN inch	L mm	Z mm	L1 mm	L2 mm			€
695015003CN	10	15	3/8"	128	44	69	145	726	1	157,80
695018003CN	15	18	1/2"	134	47	69	145	750	1	177,88
695022003CN	20	22	3/4"	151	54,5	76	145	1024	1	220,37
695028003CN	25	28	1"	167	60,5	89	175	1550	1	269,02
695035003CN	32	35	1" 1/4	184	66	93,5	175	2395	1	390,30
695042003CN	40	42	1" 1/2	207	73,5	103	195	3334	1	513,73
695054003CN	50	54	2"	245	87,5	109	195	4694	1	697,81
695076003CN	65	76,1	2" 1/2	334	112	147	295	9648	1	1244,37
695088003CN	80	88,9	3"	384	132	154	295	13242	1	1915,41
695108003CN	100	108	4"	470	160	205	400	26250	1	3069,95

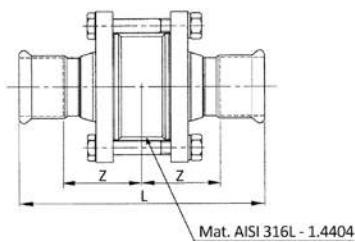
Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 695/003 CN = 16 bar. Con flangia per attuatore.

The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 695/003 CN = 16 bar. With flange for actuator.

Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 695/003 CN = 16 bar. Mit Flansch für Stellantrieb.

Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale des vannes 695/003 CN = 16 bar. Avec bride pour actuateur.

Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 695/003 CN = 16 bar. Con brida para actuador.

**695/004 CN**

≤54 B 80 81

76÷108 B 80 82

VALVOLA DI RITEGNO

- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

MATERIAL: CuNi10Fe1.6Mn [corpo/body AISI 316L - 1.4404]

O-RING: FKM verde - green - Grün - vert - verde

CODE	DN	De mm	L mm	Z mm	 g		€
695015004CN	15	15	136	48	443	1	264,47
695018004CN	15	18	138	49	554	1	290,91
695022004CN	20	22	139	48,5	614	1	304,69
695028004CN	25	28	148	50	828	1	389,10
695035004CN	32	35	154	50	1324	1	537,83
695042004CN	40	42	168	52	1832	1	605,57
695054004CN	50	54	192	58	2676	1	1122,10
695076004CN	65	76,1	235	62,5	5442	1	1636,99
695088004CN	80	88,9	259	65,5	8466	1	1797,74
695108004CN	100	108	301	72,5	14640	1	2177,35

Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 695/004 CN = 16 bar

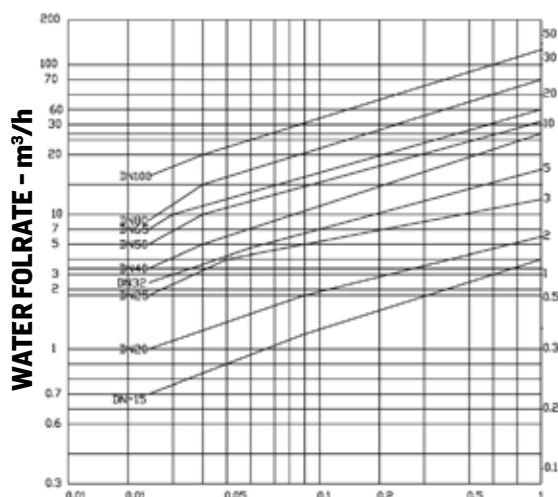
The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 695/004 CN = 16 bar

Die markierte Konditionen der Pressfitting entsprechen den Kugelhahnkörper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 695/004 CN = 16 bar

Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale des vannes 695/004 CN = 16 bar.

Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 695/004 CN = 16 bar

**DIAGRAMMA PERDITA DI CARICO
PRESSURE LOSS DIAGRAM**



DN15-DN100 PRESSURE LOSS - bar

CV / KV PER VALVOLA DI RITEGNO CV / KV FOR NON-RETURN VALVE				DIREZIONE DI FLUSSO FLOW DIRECTION		
DE	DN DN inch	CV US gallon/min	KV m³/h	↑	↓	→
				Pressione di apertura Opening pressure (mbar)		
15	15 - 1/2"	21	18,1	25	21	23
18	15 - 1/2"	21	18,1	25	21	23
22	20 - 3/4"	35	30,1	25	21	23
28	25 - 1"	40	34,4	25	21	23
35	32 - 1 1/4"	80	68,8	27	21	24
42	40 - 1 1/2"	100	86,0	29	21	25
54	50 - 2"	126	108,4	29	21	25
76,1	65 - 2 1/2"	164	141,0	31	21	25
88,9	80 - 3"	200	172,0	32	21	26
108	100 - 4"	249	214,1	33	21	27

NOTE

Cv = flusso di acqua (a 60°F) in gpm (galloni al minuto) con una pressione differenziale (caduta di pressione) di 1 psi.

Kv = flusso di acqua (tra 5° e 40°) m³/h, con una pressione differenziale (caduta di pressione) di 1 bar.

[1 Kv = 0,86 Cv]

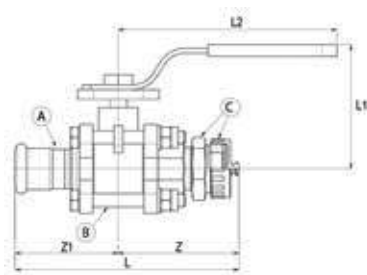
B 80 81

695/008 CN**VALVOLA A SFERA CON PRESA
MANICHETTA**

- BALL VALVE WITH HOSE CONNECTION
- KUGELHAHN MIT SCHLAUCHANSCHLUSS
- BOISSEAU SPHERIQUE AVEC RACCORD DETUYAU
- VÁLVULA DE BOLA CON CONEXIÓN DELA MANGUERA

MATERIAL: A: CuNi10Fe1.6Mn
B: AISI 316L – 1.4404
C: ottone – brass – Messing – laiton – latón

O-RING: FKM verde – green – Grün – vert – verde



CODE	De mm	L mm	L1 mm	L2 mm	Z mm	Z1 mm			€
695022008CN	22 x 1"	138	76	145	43	74	1332	1	269,02