

EXPLANATION OF DESIGNATIONS

First sign (letter): Indicates the type of coupling

Ver 2009

A = API-adapter
 AV = Tank Unit (EN 13081)
 B = Ball Valve
 C = Dust Cap
 CA = Dust Cap (ARTA compatible)
 CG = Dust Cap LPG
 D = Swivel
 DD = Double Swivel
 E = Tank Unit with pressure valves
 F = Hose Unit (ISO 45)
 G = Tank Unit (ISO 45)
 GS = Tank Unit (ISO 45) with selectivity
 H = Sampling Vent & Drain Unit
 I = Dust Plug ISO 45
 K = Dust Cap ISO 45

L = Tank Unit LPG
 LC = Tank Unit Cryogenic
 LCT = LNG Truck Fueling
 LL = Tank Unit Aerosol
 M = Hose Unit LPG
 MC = Hose Unit Cryogenic
 ML = Hose Unit Aerosol
 N = Break Away Pin
 NC = Break Away Pin Cryogenic
 NCP = Break Away PERC
 ND = Break Away with int. Swivel
 O = Break Away Wire
 OC = Break Away Wire Cryogenic
 P = Dust Plug
 R = Pressure Cap

RG = Pressure Cap LPG
 S = Hose Unit (STANAG 3756)
 SA = Hose Unit (ARTA Compatible)
 SN = Hose Unit int. Break Away Pin
 SO = Hose Unit int. Break Away Wire
 SU = Hose Unit (Unleaded fuel)
 SS = Hose Unit (Evotek)
 T = Tank Unit (STANAG 3756)
 TA = Tank Unit (ARTA Compatible)
 TU = Tank Unit (Unleaded fuel)
 TS = TANK Unit (Evotek)
 U = Filter / Sight Glass
 V = Dust Plug LPG
 WA = Hose Fittings

Second sign (numeral): Indicates the socket diameter and/or the nominal diameter

1 = 56mm or 1", 1 1/4"
 2 = 70mm or 1 1/2", 2"
 3 = 105mm or 2 1/2"
 4 = 119mm or 3"

5 = 164mm or 4"
 V = 5"
 6 = 238mm or 6"
 8 = 272mm or 8"

10 = 10"
 12 = 12"
 H = 1 1/2" (Evotek)
 Q = 1 1/4" (Evotek)

Third and fourth sign (numeral): Indicates connection, (thread, flange etc.)

01 = 3/4" BSP (Female)
 02 = 3/4" NPT (Female)
 03 = 1" BSP (Female)
 04 = 1" NPT (Female)
 05 = 1 1/4" BSP (Female)
 06 = 1 1/4" NPT (Female)
 07 = 1 1/2" BSP (Female)
 08 = 1 1/2" NPT (Female)
 09 = 1 3/4" BSP (Female)
 10 = 2" BSP (Female)
 11 = 2" NPT (Female)
 12 = 2 1/2" BSP (Female)
 13 = 2 1/2" NPT (Female)
 14 = 3" BSP (Female)
 15 = 3" NPT (Female)
 16 = 4" BSP (Female)
 17 = 4" NPT (Female)
 18 = Flange undrilled Ø156
 19 = Flange undrilled Ø165
 20 = Flange undrilled Ø210
 21 = Flange undrilled Ø230
 22 = Flange undrilled Ø254
 23 = Flange DN 25 PN 10/16
 24 = Flange DN 25 PN 25/40
 25 = Flange DN 32 PN 10/16
 26 = Flange DN 32 PN 25/40
 27 = Flange DN 40 PN 10/16
 28 = Flange DN 40 PN 25/40
 29 = Flange DN 50 PN 25/40*
 30 = Flange DN 50 PN 10/16
 31 = Flange DN 50 PN 25/40
 32 = Flange DN 65 PN 25/40*
 33 = Flange DN 65 PN 10/16
 34 = Flange DN 65 PN 25/40
 35 = Flange DN 80 PN 25/40*
 36 = Flange DN 80 PN 10/16
 37 = Flange DN 80 PN 25/40
 38 = Flange DN 100 PN 25/40*
 39 = Flange DN 100 PN 10/16
 40 = Flange DN 100 PN 25/40
 41 = Flange DN 125 PN 6
 42 = Flange DN 125 PN 10/16
 43 = Flange DN 125 PN 25/40
 44 = Flange DN 150 PN 6
 45 = Flange DN 150 PN 10/16
 46 = Flange DN 150 PN 25/40
 47 = Flange DN 20 PN 10/16
 48 = Flange DN 20 PN 25/40
 49 = Flange 3/4" ANSI Class 150
 50 = Flange 3/4" ANSI Class 300
 51 = Flange 1" ANSI Class 150
 52 = Flange 1" ANSI Class 300
 53 = Flange 1 1/4" ANSI Class 150
 54 = Flange 1 1/4" ANSI Class 300
 55 = Flange 1 1/2" ANSI Class 150
 56 = Flange 1 1/2" ANSI Class 300
 57 = Flange 2" ANSI Class 150
 58 = Flange 2" ANSI Class 300
 59 = Flange 2 1/2" ANSI Class 150
 60 = Flange 2 1/2" ANSI Class 300
 61 = Flange 3" ANSI Class 150
 62 = Flange 3" ANSI Class 300
 63 = Flange 4" ANSI Class 150
 64 = Flange 4" ANSI Class 300
 65 = Flange TW 1 (3" - DN 80)
 66 = Flange TW 3 (4" - DN 100)
 67 = Flange 3" T.T.M.A.
 68 = Flange 4" T.T.M.A.
 69 = 3/4" BSP (Male)
 70 = 3/4" NPT (Male)
 71 = 1" BSP (Male)
 72 = 1" NPT (Male)
 73 = 1 1/4" BSP (Male)
 74 = 1 1/4" NPT (Male)
 75 = 1 1/2" BSP (Male)
 76 = 1 1/2" NPT (Male)
 77 = 1 3/4" BSP (Male)
 78 = 2" BSP (Male)
 79 = 2" NPT (Male)
 80 = 2 1/2" BSP (Male)
 81 = 2 1/2" NPT (Male)
 82 = 3" BSP (Male)
 83 = 3" NPT (Male)
 84 = 4" BSP (Male)
 85 = 4" NPT (Male)
 86 = Weld.flange 2" Ø60.5 inner
 87 = Flange TW 1 (2" DN50)
 88 = Weld.flange 2" Ø50-Ø70 (flat)
 89 = Weld.flange 2" Ø57 (int. chamfer)
 90 = Weld.flange 2" Ø60 (outer chamfer)

91 = Weld.flange 3" Ø75-Ø90 (flat)
 92 = Weld.flange 3" Ø76 (int. chamfer)
 93 = Weld.flange 3" Ø89 (outer chamfer)
 94 = Weld.flange 4" Ø100-Ø120 (flat)
 95 = Weld.flange 4" Ø102 (int. chamfer)
 96 = Weld.flange 4" Ø108 (int. chamfer)
 97 = Weld.flange 4" Ø114 (outer chamfer)
 98 = Flange TW 1 (2" - DN 50) with drain connection
 99 = Flange DN 150 PN 25
 100 = Flange 6" ANSI Class 150
 101 = Flange 6" ANSI Class 300
 102 = Flange DN 200 PN 10
 103 = Flange DN 200 PN 16
 104 = Flange DN 200 PN 25
 105 = Flange 8" ANSI Class 150
 106 = Flange 8" ANSI Class 300
 107 = Flange Square ISO 45
 108 = S60x6 (Female)
 109 = S60x6 (Male)
 110 = 6" BSP (Female)
 111 = 6" NPT (Female)
 112 = W2" - 7 (Female)
 113 = Weld.flange 3" Ø92 inner
 114 = Square flange, 4 holes
 115 = 6" BSP (Male)
 116 = 6" NPT (Male)
 117 = 8" NPT (Female)
 118 = 4" Victaulic
 119 = Flange DN 50 PN 25/40**
 120 = Flange DN 65 PN 25/40**
 121 = Flange DN 80 PN 25/40**
 122 = Flange DN 100 PN 25/40**
 123 = W2" - 7 (Male)
 124 = 5" NPT (Female)
 125 = 5" NPT (Male)
 126 = Flange DN 100 PN6
 127 = Flange DN 80 PN6
 128 = Flange DN 65 PN6
 129 = Flange DN 50 PN6
 130 = Flange 8" ANSI Class 600
 131 = W90x1/6" (Female)
 132 = 1/2" NPT (Female)
 133 = 1/2" BSP (Female)
 134 = Flange Ø184.2, 6 holes
 135 = Flange TW 7 (6" - DN 150)
 136 = 4" ASSPT (Female)
 137 = 1" Triclamp DN 25 (ISO 2852-25 CO)
 138 = M54x 1.5 (Female)
 139 = 2" Triclamp (ISO 2852-51)
 140 = Weld.flange Ø73 (outer chamfer)
 141 = 3" Victaulic
 142 = Flange 5" ANSI Class 150
 143 = 3" Ball valve
 144 = 2" Victaulic
 145 = 3" BSPT (Male)
 146 = 5" Victaulic
 147 = 2" BSPT (Female)
 148 = 2" BSPT (Male)
 149 = 1 1/2" Victaulic
 150 = 2 1/2" Victaulic
 151 = Flange 1" DIN 11864-2 (NF-A-33,7x1,6)
 152 = Flange 2" DIN 11864-2 (NF-A-60,3x2,0)
 153 = Flange Ø135, 8xM6
 154 = 4" BSPT (Female)
 155 = 4" BSPT (Male)
 156 = Weld.flange 2" ø61.5 (inner)
 157 = 3" BSPT (Female)
 158 = Weld end 1 1/2" ø48 (outer)
 159 = Thread TR 57x4
 160 = Flange 2" BS10 Table D
 161 = Flange 12" ANSI Class 150
 162 = Flange 10" ANSI Class 150
 163 = Flange DN 250 PN 16
 164 = M130x6 (Female)
 165 = Flange 10" ANSI Class 300
 166 = ACME 1 1/4" (Female)
 167 = ACME 1 3/4" (Female)
 168 = ACME 2" (Female)
 169 = ACME 3 1/4" (Female)
 170 = ACME 1 1/4" (Male)
 171 = ACME 1 3/4" (Male)
 172 = ACME 2" (Male)
 173 = ACME 3 1/4" (Male)
 174 = Weld.flange Ø76 (outer chamfer)
 175 = Flange DN 15 PN 10/16
 176 = Flange DN 15 PN 25/40
 177 = M130x6 (Male)
 178 = Flange 6" T.T.M.A.
 179 = Flange DN 80 PN 25/40**
 180 = 1/2" NPT (Male)

181 = 1/2" BSP (Male)
 182 = 5" BSP (Female)
 183 = 5" BSP (Male)
 184 = Weld end 8" ø219 (outer)
 185 = Weld end 6" ø168 (outer)
 186 = Flange DN 250 PN 25
 187 = Flange 2" T.T.M.A.
 188 = Flange 3" BS10 Table D
 189 = Flange 1/2" ANSI Class 150
 190 = Flange 1" ANSI Class 150 Flat Face
 191 = Flange 12" ANSI Class 300
 192 = Flange DN250 PN10
 193 = Weld end Ø114 Schedule 40
 194 = Weld end Ø114 Schedule 80
 195 = 6" Victaulic
 196 = 1" Victaulic
 197 = Flange DN 125 JIS 5K
 198 = Flange DN 100 JIS 5K
 199 = Flange DN 80 JIS 5K
 200 = Flange DN 50 JIS 5K
 201 = Flange DN 40 JIS 5K
 202 = Flange 2" DIN 11864-3
 203 = 3/4" BSP (Female)
 204 = Flange Ø110, Ø86/Ø5.5 (6x)
 205 = Weld end Ø60 Schedule 80
 206 = Weld end Ø89 Schedule 40
 207 = Weld end Ø89 Schedule 80
 208 = Flange DN 25 PN 6
 209 = Flange DN 32 PN 6
 210 = Flange DN 40 PN 6
 211 = Flange DN 125 JIS 10K
 212 = Flange DN 100 JIS 10K
 213 = Flange DN 80 JIS 10K
 214 = Flange DN 50 JIS 10K
 215 = Flange DN 40 JIS 10K
 216 = Flange DN 80, holes Ø14 (6x)
 217 = Flange 5" ANSI Class 300
 218 = 3" Triclamp (ISO 2852-76)
 219 = Weld end Ø34 Schedule 40
 220 = Flange DN 150 JIS 10K
 221 = Flange Ø175, holes M10 (8x)
 222 = Weld end Ø140 PN10/16
 223 = Flange 2" ANSI Class 150 Flat Face
 224 = Flange DN 200 JIS 10K
 225 = Flange DN 32 PN10/16***
 226 = Flange 6" ANSI Class 600
 227 = Flange DN 50 JIS 16K
 228 = Flange DN 40 JIS 16K
 229 = 8" NPT (Male)
 230 = 1" EN 10226 Rp1 (1" BSPT Parallell)
 231 = Flange DIN 86282 PN6
 232 = Flange DN100 PN6 (8 x M16)
 233 = Flange DN 100 PN 10/16 Excentrical Flat Face
 234 = Flange 4" ANSI Class 150 Flat Face
 235 = 4" Triclamp (ISO 2852-102)
 236 = 5/2" DIN 11 (Female)
 237 = Flange DN 300 PN 16
 238 = Flange DN 300 PN 10
 239 = 1 1/2" BSPT (Female)
 240 = 1 1/2" BSPT (Male)
 241 = 1 1/2" EN 10226 Rp1 1/2 (1 1/2" BSPT Parallell)
 242 = Weld end Ø141 Schedule 40
 243 = 1/2" - 3/4" Triclamp (ISO 2852)
 244 = 1,3125 UN 2 A
 245 = Weld flange 4" ø110 (inner)
 246 = 3" RJT BS 4825-5
 247 = 4" Hose shank (Ø101,6 x 116 mm)
 248 = Flange 3" DIN 86201
 249 = Flange DN 80 DIN 5620
 250 = 3/4" Withworth (Female)
 251 = Flange DN 65 JIS 10K
 252 = Flange DN 50 PN 25/40 EN 1092-1 Type D
 253 = Flange DN 32 PN 25/40 ***
 254 = Flange 2" ANSI Class 150 (JIS thickness)
 255 = Flange 3" ANSI Class 600
 256 = Flange DN 50 PN10/16 ***
 257 = M72 x 3 (male)
 258 = Flange DN 25 JIS 10K
 259 = Flange DN 50 PN25/40 ***
 260 = Flange 3" ANSI Class 150 Flat Face
 261 = 4" Hose shank (Ø101,6 x 161 mm)
 262 = 5" Hose shank (Ø126,6 x 183 mm)
 263 = Flange 2" ANSI Class 300 (RTJ)
 264 = Flange 2" ANSI Class 1500 (RTJ)
 265 = 4" Hose shank (King Crimp HD)
 266 = 1 1/2" Triclamp (ISO 2852-40)
 267 = Flange DN 50 PN 16 Type F Gost P54432-2011
 268 = Flange DN 80 PN 16 Type F Gost P54432-2011
 269 = Weld.flange 3" Ø76 x 12 mm (int. chamfer)
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Design may change without notice

* EN 1092-1:2001 Type E: Spigot

** EN 1092-1:2001 Type F

*** EN 1092-1:2001 Type G

NOTE! When swivels are chosen, the second and the third sign indicates one outlet, the fourth and the fifth sign the second outlet.

EXPLANATION OF DESIGNATIONS

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.continuation..Third and fourth sign (numeral): Indicates connection, (thread, flange etc.)

270 = 6" BSPT (Female)	289 = Flange 2" ANSI Class 2500 (RTJ)	307 = Weld end RC8"
271 = 1 7/8" SAE J1926-1 port	290 = 1" BSPT (Female)	308 = DN20 PN10/16***
272 = 2 1/2" SAE J1926-1 port	291 = Weld end Ø33,7x2	309 = DN20 PN10/16 EN 1092-1 Type D
273 = Camlock DN 50 EN 14420-7	292 = Weld end Ø48,3x2	310 = DN32 PN10/16 EN 1092-1 Type D
274 = ORB-24 ISO 11926-1, male	293 = Weld end Ø60,3x2	311 = DN50 PN10/16 EN 1092-1 Type D
275 = ORB-32 ISO 11926-1, male	294 = Flange DN 80 PN 25/40 EN 1092-1 Type D	312 = Weld End 60,3x1,6
276 = Flange 2" BS10 Table H	295 = Flange 2 1/2" BS10 Table E	313 = 2" Triclamp DN/OD48,3 - DIN 32676 Serie B
277 = Thread TR 69x8 DIN 103 LH Male	296 = Weld end Ø273 Scheduel 40	314 = 1" Triclamp DN/OD33,7 - DIN 32676 Serie B
278 = Flange 1" BS10 Table D	297 = TR 104x8 DIN 103LH male	315 = DN40 PN25/40***
279 = Thread TR 69x8 DIN 103 LH Female	298 = Flange DN 50 PN 10/16*	316 = DN40 PN25/40 EN1092-1 Type D
280 = Flange DIN 150 JIS 16K	299 = Flange DN 80 PN 10/16*	317 = Weld end Ø73 Schedule 40
281 = Flange Ø120, 4 slot (Rusflange)	300 = Flange TW1 (1" DN25)	318 = Flange TW 5 (5" - DN 125)
282 = 2 1/2" Triclamp (ISO 2852-63.5)	301 = Flange 14" ANSI Class 150	319 = 1 1/2" Triclamp Dixon
283 = Flange 2 1/2" DIN 11864-2 BF A	302 = Flange 14" ANSI Class 300	320 = Flange 4" ANSI Class 600
284 = Flange 2 1/2" DIN 11864-2 NF A	303 = Flange DIN 86285 PN6	321 = Flange 1" DIN 11864-2 (BF-A-33,7x2,0)
285 = Flange 3/4" ANSI Class 600	304 = Flange 2" ANSI Class 600	322 = Flange 2" DIN 11864-2 (BF-A-60,3x2,0)
286 = 8" Hose Shank (Ø204,85 x 122,2 mm)	305 = 3/8-14 UNF (Male)	323 = 1" Triclamp DIN 32676 (B-33,7x2,0)
287 = Flange Ø241,3; Ø222,3; Ø6,6 (12x) x12,5 mm	306 = 3/8" NPT (Male)	324 = 2" Triclamp DIN 32676 (B-60,3x2,0)
288 = Flange Ø289,6; Ø256,5; Ø13,1 (16x) x25,4 mm		

* EN 1092-1:2001 Type E: Spigot

** EN 1092-1:2001 Type F

*** EN 1092-1:2001 Type C

Fifth sign (letter): Indicates version

A = Version No.1 (Machined from bar)	G = Drain connection	N = Non Return Valve
B = Version No.2 (Casted)	H = Leaf spring lock	O = Slim version Break Away
C = Version No.3 (Welded)	I = Bended Tank Unit Short (15")	P = Pressure (Custom)
D = Sep. piston guide	J = Bended Tank Unit (15")	S = Sight Glass
E = Injection moulded	K = Short Tank Unit/Swivel	T = Transparent
F = 6" Flange Hydrant	L = Long Tank Unit/Swivel	U = Stop before disconnected
		V = Screw on flange

Sixth sign (numeral): Indicates material in the coupling body

1 = Aluminium	7 = Hastelloy (276)	N = Alloy 20 (SS)
2 = Brass	8 = PVDF	P = Super Duplex (F55)
3 = Steel	9 = PEEK	Q = Hastelloy (C22)
4 = Stainless steel A4 (316)	K = Inconel	R = Monel 400
5 = Stainless steel A2 (304)	L = Duplex (F51)	S = F44 (SS)
6 = Titan	M = Super Duplex (F53)	T = Navy M Bronze (C92200)

Seventh sign (numeral): Indicates material in the innerparts or other components

1 = Aluminium	7 = Hastelloy	N = Alloy 20 (SS)
2 = Brass	8 = PVDF	P = Super Duplex (F55)
3 = Steel	9 = PEEK	Q = Hastelloy (C22)
4 = Stainless steel A4 (316)	K = Inconel	R = Monel 400
5 = Stainless steel A2 (304)	L = Duplex (F51)	S = F44 (SS)
6 = Titan	M = Super Duplex (F53)	T = Navy M Bronze (C92200)

Eight and Ninth sign (numeral): Indicates the O-ring material in the coupling

01 = Viton® (FPM/FKM)	20 = NBR 90 shore	41 = FPM/FKM for Sour Service
02 = Nitrile (NBR)	21 = Viton®-GF (Special Viton quality)	44 = Kalrez® 6380
03 = EPDM peroxidvulk FDA	22 = Composite	47 = Chemraz 605
04 = Kalrez® (FFKM)	23 = Viton® GFLT-S	50 = Kalrez® (PFPM) 1050LF
05 = NBR Low temp	24 = Viton® GLT	51 = Nylon® (PA)
06 = Teflon® (PTFE)	25 = Klingerit®	54 = Kalrez® 6375
07 = Neoprene® (CR)	26 = POM	57 = Chemraz® 526
08 = Silicone (VMQ)	27 = Epichlorhydrin (ECO)	61 = Viton® (FPM), FDA, USP
09 = Vulkollan® (PUR)	28 = Viton® GFLT-S NMO	62 = Nitrile (NBR), FDA, USP
10 = Butyl (IIR)	29 = FPM/FKM High Temp	63 = EPDM, FDA, USP C6 & ADI
11 = Nitrile (Gasol NBR 70 K-6)	30 = FFKM High Temp	64 = Kalrez® (FFKM) 6230, FDA, USP C6
12 = Perfluorelastomer (FFPM/FFKM)	31 = Viton® 90 Shore (FPM/FKM)	66 = PTFE (Virgin), FDA
13 = PVC / NBR	32 = Kalrez® 0090	67 = Chemraz 615
14 = Fluorsilicone rubber (FVMQ)	33 = EPDM 291	71 = FPM/FKM Low Temp
15 = FEP encapsulated silicone	34 = Kalrez® 0040	75 = FEP Silicone, FDA, USP C6 & ADI
16 = Hypalon® (CSM)	37 = Chemraz® 510 (90 Shore)	77 = Chemraz® SD517, FDA, USP C6 & ADI
17 = Chemraz® 505 (FFKM)	39 = HNBR-AED/RGD	83 = EPDM BAM
18 = Xyflour® 860 (AFKM)	40 = FEP PTFE encapsulated Viton®	84 = PEEK
19 = Zetpol® / Therban® (HNBR)		85 = PCTFE
		86 = UHMW PE

Tenth sign (letter): Used for extra

A = Flat seal, Teflon®(PTFE)	M = Modified Cam Curve	V = Locking house unit
B = Flat seal, Vulkollan®(PUR)	N = No Branding	VC = Vacuum
C = 2-way Ball Valve	NA = No Actuator (Ball Valve)	W = Double ball race
D = Flat seal, Viton® (FPM)	P = Pressure Equalizing Valve	X = Special surface treatment
DA = Double Acting (Ball Valve)	Q = Reduced bore diameter (Argus,Hydrant)	Z = Excentric tank unit
E = None projecting piston spindle	R = Hose unit with int. Break Away	-RA = Racing
F = Flange thickness acc. to standard	S = Single Argus valve (Hydrant)	-LC = Locking Cap
FF = Flat Face Flange	SR = Spring Return (Ball Valve)	-S = FEP O-ring in Hose Unit swivel
G = Hypalon	T = TW-Flange extended circles	-ST = Steam
H = Nitrile (NBR)	U = Pressure Bleeding Valve 16 bar	-XL = Oversized swivel
I = Emco comp	U5 = Pressure Bleeding valve 5 bar	-45 = 45 Mesh
J = EPDM	U10 = Pressure Bleeding Valve 10 bar	-60 = 60 Mesh
K = Locked piston guide	U20 = Pressure Bleeding valve 20 bar	-10 = 100 Mesh
L = Locked thread		

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