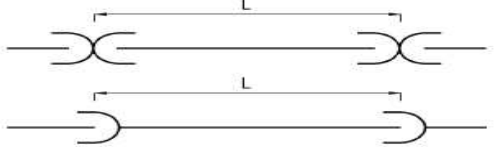
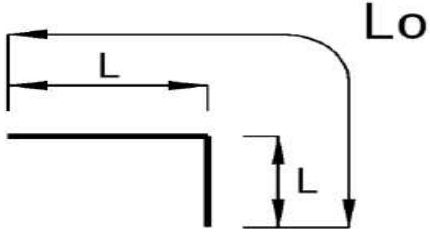
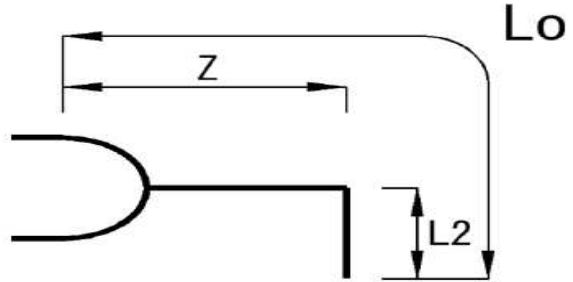
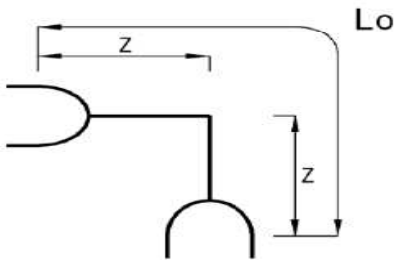
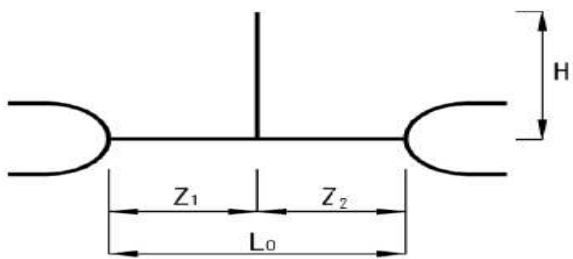
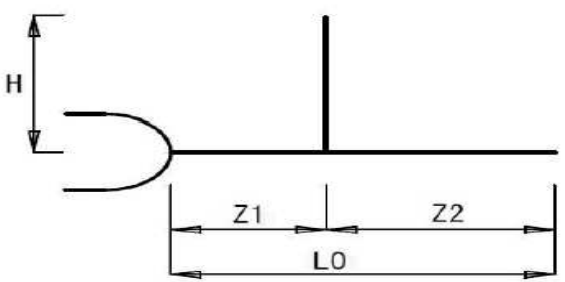
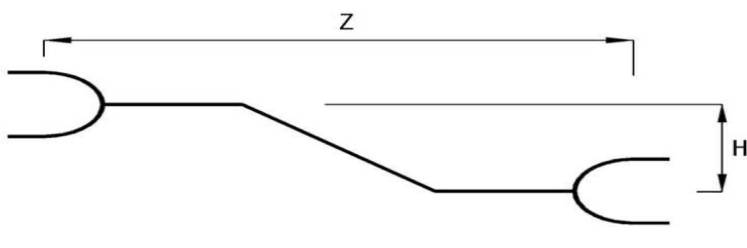
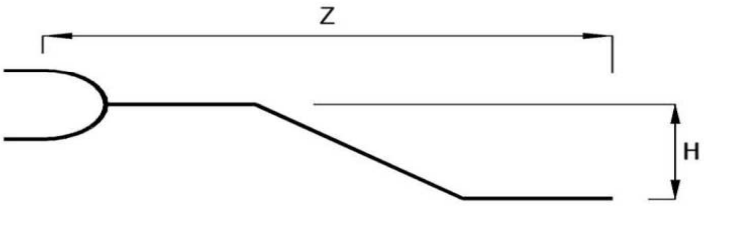
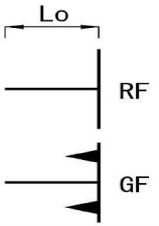
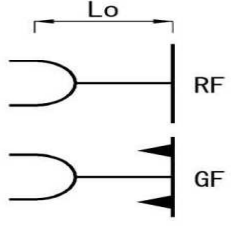
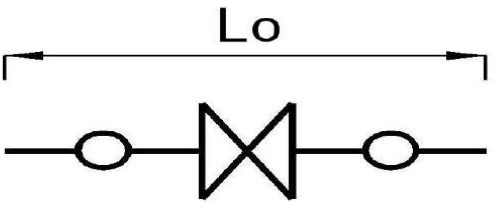
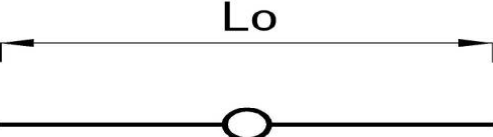
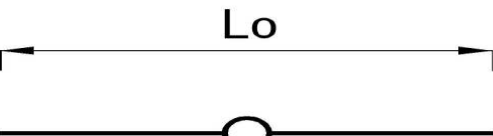

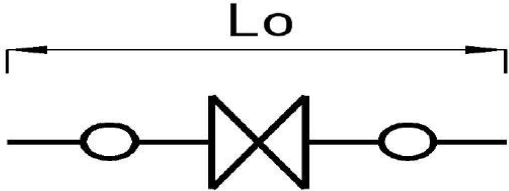
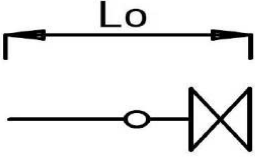
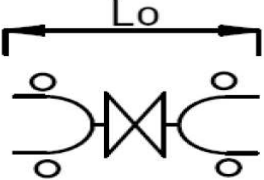
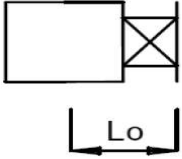
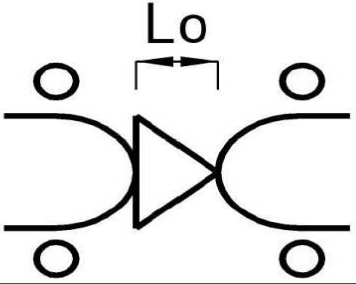
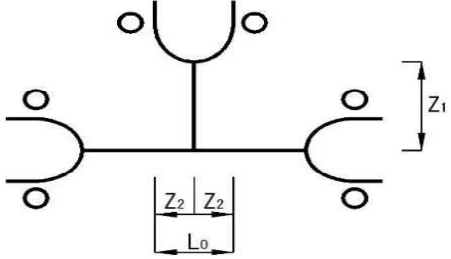
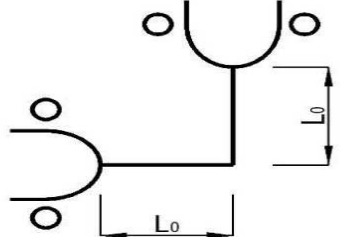
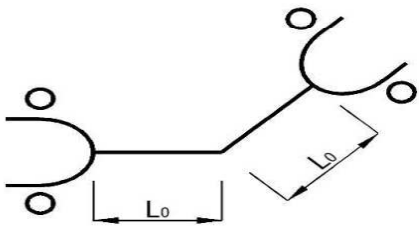
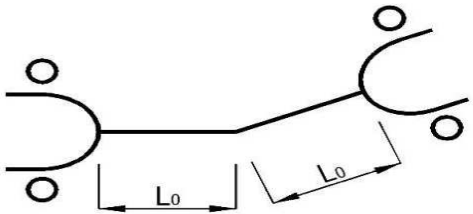
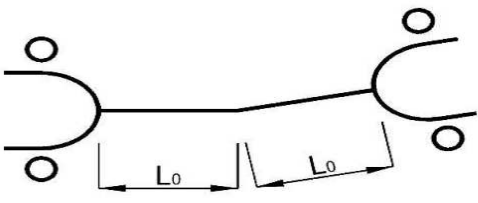
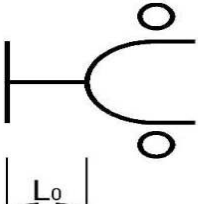


HPPE関連部材設計値(φ50)

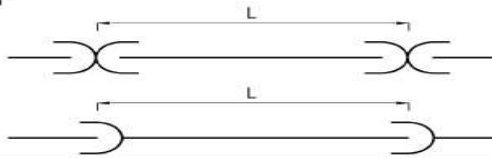
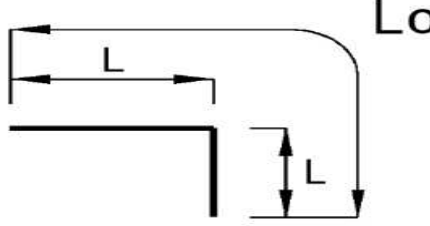
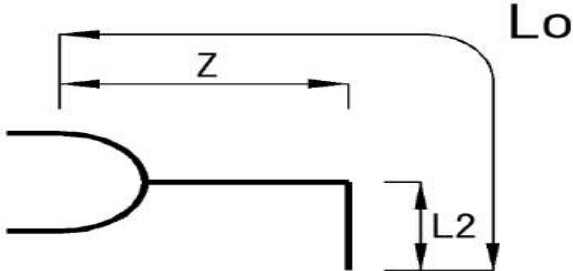
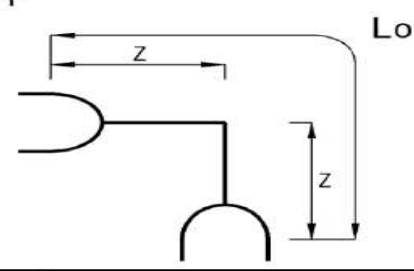
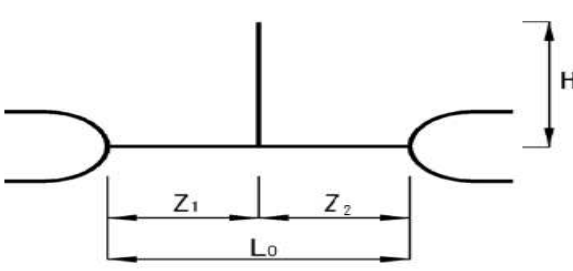
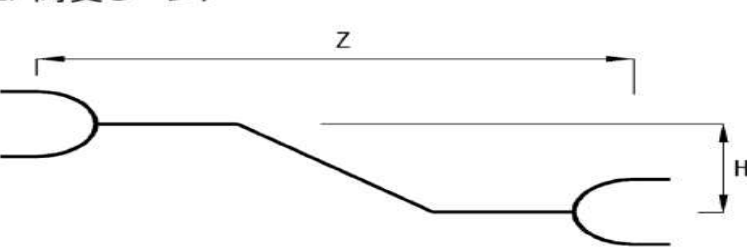
部材	Φ50	設計値
直管、EF片受直管 	外径 L	63 5000
両挿ベンド 	L(90°) L(45°) L(22° 1/2) L(11° 1/4) L ₀ (90°) L ₀ (45°) L ₀ (22° 1/2) L ₀ (11° 1/4)	210 160 140 132 420 320 280 264
EF片受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) L ₂ (90°) L ₂ (45°) L ₂ (22° 1/2) L ₂ (11° 1/4) L ₀ (90°) L ₀ (45°) L ₀ (22° 1/2) L ₀ (11° 1/4)	156 106 86 83 212 161 143 135 368 267 229 218
EF両受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) L ₀ (90°) L ₀ (45°) L ₀ (22° 1/2) L ₀ (11° 1/4)	156 106 86 83 312 212 172 166
EF両受チーズ 	H(50×50) Z ₁ (50×50) Z ₂ (50×50) L ₀ (50×50)	181 33 34 67
EF片受チーズ 	H(50×50) Z ₁ (50×50) Z ₂ (50×50) L ₀ (50×50)	198 146 194 340

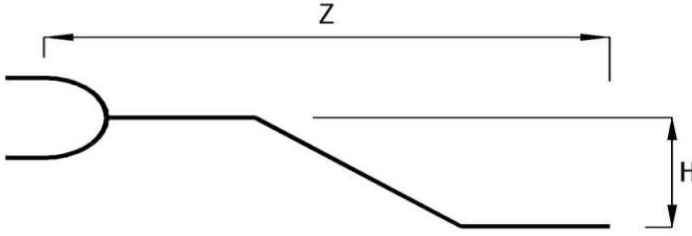
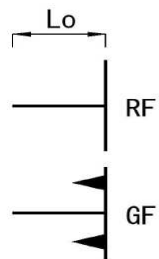
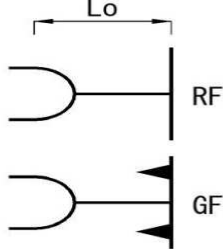
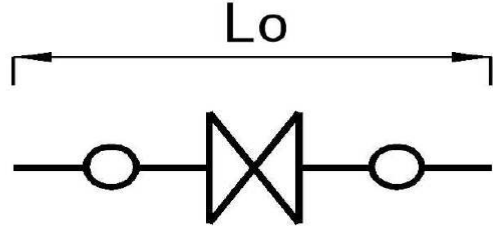
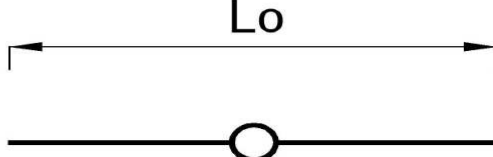
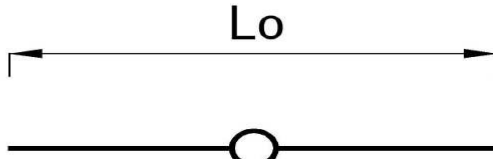
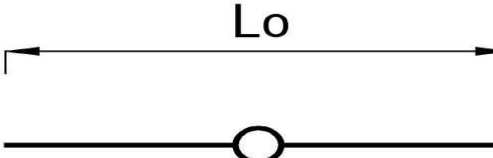

部材	Φ 50	設計値
EF両受Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 511 450 636 600 811
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 567 450 717 600 867
片挿フランジ 	Lo	185
EF片受フランジ 	Lo	158
PE挿口付ソフトシール仕切弁 	Lo	659
ダクタイル鋳鉄管用片落異種管継手(K形) 	Lo(100 × PE50) Lo(75 × PE50)	815 730
ダクタイル鋳鉄管用片落異種管継手(GX形) 	Lo(100 × PE50) Lo(75 × PE50)	815 682
ダクタイル鋳鉄管用片落異種管継手(NS形) 	Lo(100 × PE50) Lo(75 × PE50)	815 730

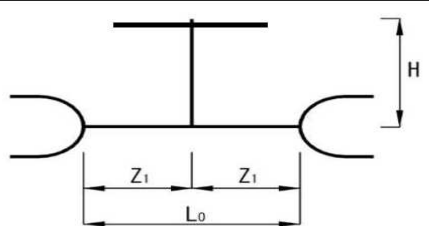

部材	Φ 50	設計値
PE挿口付粉体仕切弁 	Lo	680
PE挿口付粉体仕切弁(片フランジ形) 	Lo	445
メカニカル継手一体型粉体仕切弁 	Lo	154
割丁字管 φ 50 × φ 50 (フランジ型) 	Lo	183

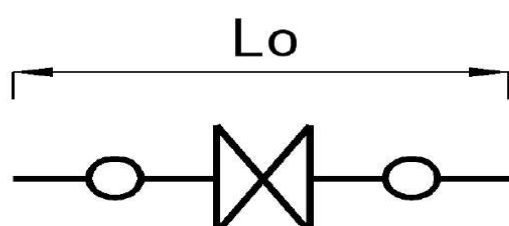
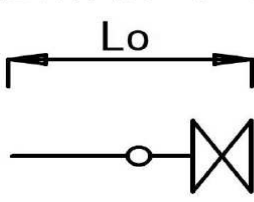
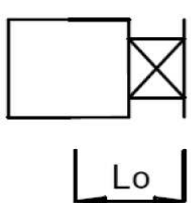
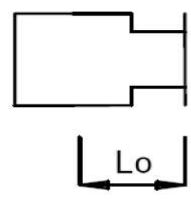
部材	Φ 50	設計値
PCジョイント片落 	$L_0(75 \times PE50)$ $L_0(100 \times PE50)$ $L_0(150 \times PE50)$	31 50 69
PPチーズ 	Z_1 Z_2 L_0	81 82 164
PPベンド90° 	$L_0 \times 2$	182
PPベンド45° 	$L_0 \times 2$	99
PPベンド22° 1/2 	$L_0 \times 2$	70
PPベンド11° 1/4 	$L_0 \times 2$	73
PC短管1号 	L_0	73

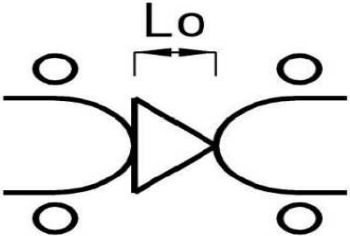
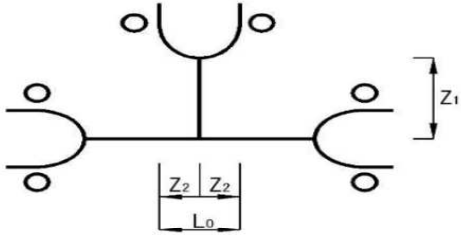
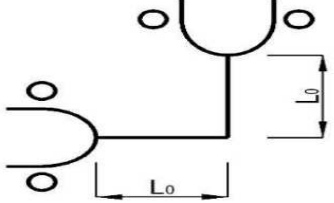
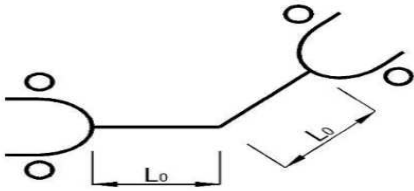
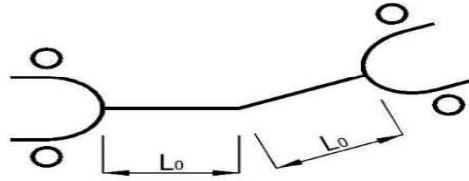
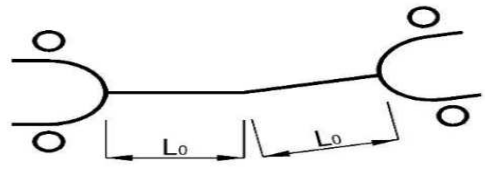
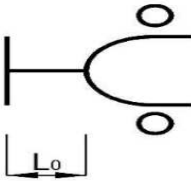
HPPE関連部材設計値 (φ75)

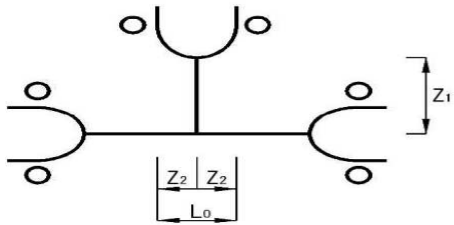
部材	Φ75	設計値
直管、EF片受直管 	外径 L	90 5000
両挿ベンド 	L(90°) L(45°) L(22° 1/2) L(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	320 290 240 230 640 580 480 460
EF片受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) L2(90°) L2(45°) L2(22° 1/2) L2(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	216 186 136 126 320 290 240 230 536 476 376 356
EF両受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	216 186 136 126 433 373 273 253
EF両受チーズ 	H(75×75) Z ₁ (75×75) Z ₂ (75×75) Lo(75×75)	257 47 48 95
EF両受Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 675 450 825 600 975

部材	Φ75	設計値
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 777 450 927 600 1077
片挿フランジ 	Lo	262
EF片受フランジ 	Lo	146
PE挿口付ソフトシール仕切弁 	Lo	772
ダクタイル鋳鉄管用片落異種管継手(K形) 	Lo(75×PE75)	622
	Lo(100×PE75)	825
ダクタイル鋳鉄管用片落異種管継手(GX形) 	Lo(75×PE75)	615
	Lo(100×PE75)	825
ダクタイル鋳鉄管用片落異種管継手(NS形) 	Lo(75×PE75)	615
	Lo(100×PE75)	825
PE挿し口付鋳鉄製T字管 	L(75×75)	720
	h(75×75)	140

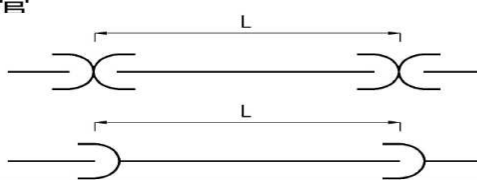
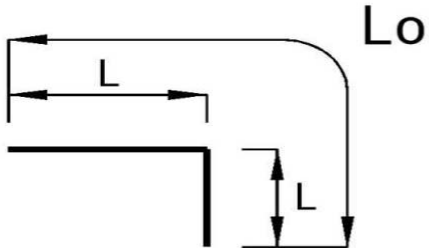
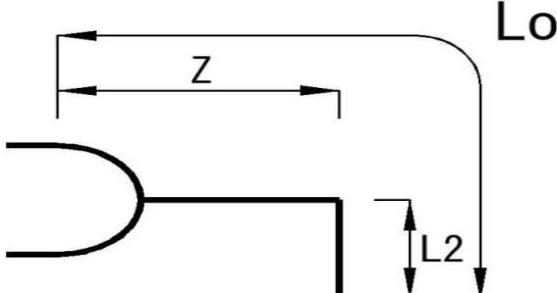
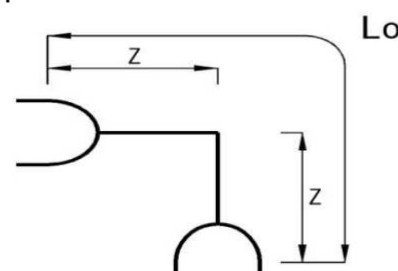
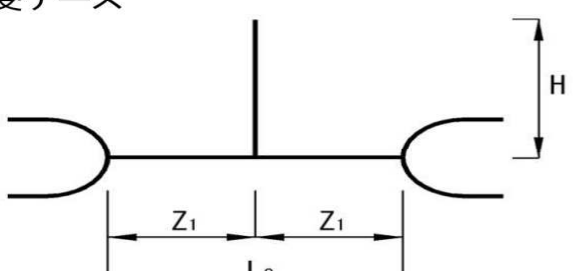
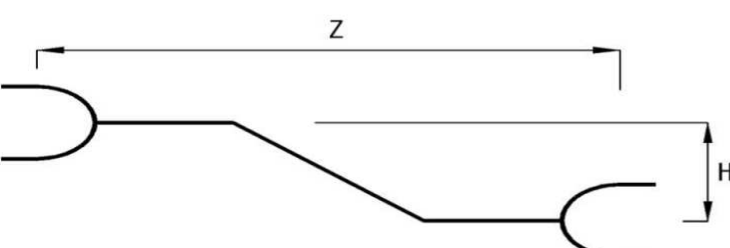
部材	Φ 75	設計値
EFフランジ付チーズ 	Lo (75 × 75) <hr/> H (75 × 75)	94 <hr/> 247
EF片受レデューサ 	Z (75 × 50)	336

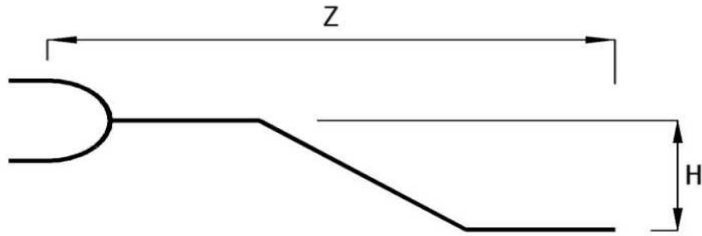
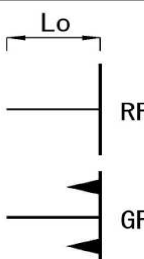
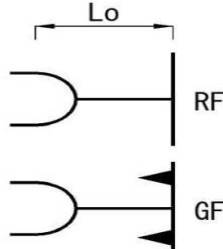
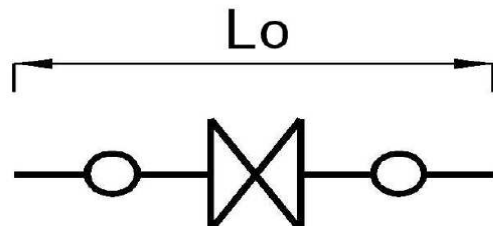
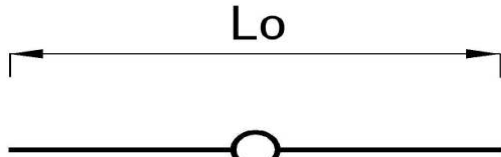
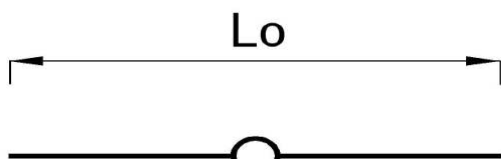
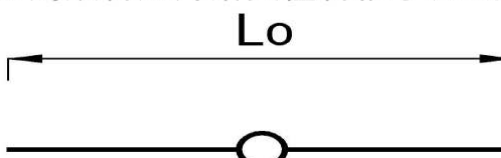

部材	Φ 75	設計値
PE挿口付粉体仕切弁 	Lo	780
PE挿口付粉体仕切弁 (片フランジ形) 	Lo	525
割丁字管 φ 75 × φ 75 (V型) 	Lo	268
割丁字管 φ 75 × φ 75 (F型) 	Lo	121

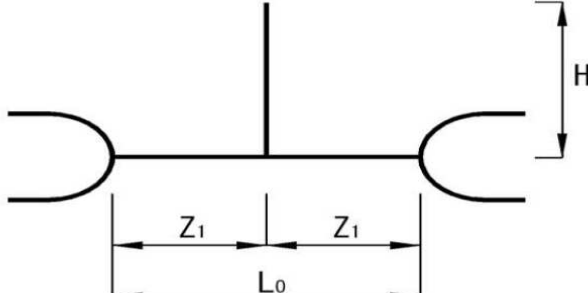
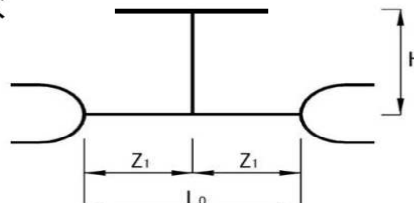
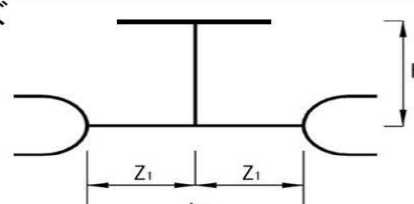
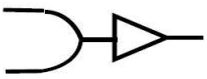
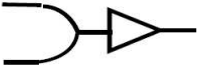


部材	Φ 75	設計値
PCジョイント片落 	$L_0(100 \times PE75)$	32
	$L_0(150 \times PE75)$	72
PPチーズ 	$Z_1(75 \times 75)$	84
	$Z_2(75 \times 75)$	79
	$L_0(75 \times 75)$	158
PPベンド90° 	$L_0 \times 2$	164
PPベンド45° 	$L_0 \times 2$	87
PPベンド22° 1/2 	$L_0 \times 2$	70
PPベンド11° 1/4 	$L_0 \times 2$	60
PC短管1号 	L_0	79

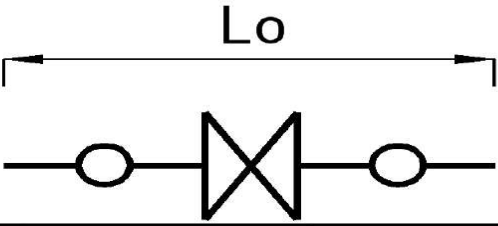
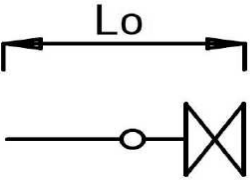
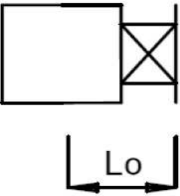
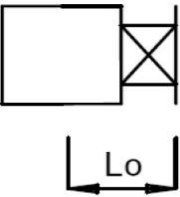
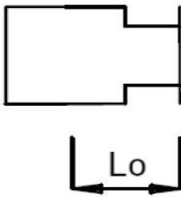
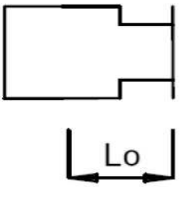
部材	Φ 75	設計値
PPチーズ 	$Z_1(75 \times 50)$	120
	$Z_2(75 \times 50)$	35
	$L_0(75 \times 50)$	70

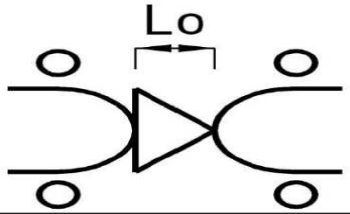
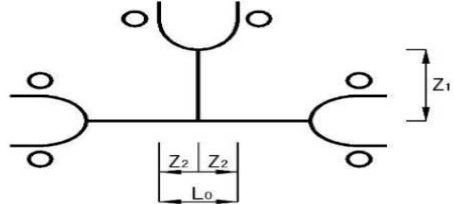
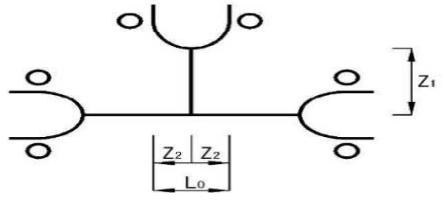
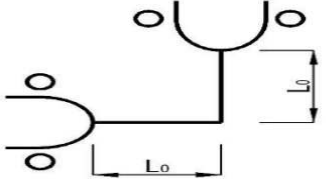
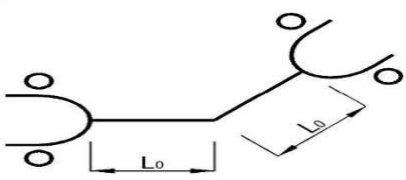
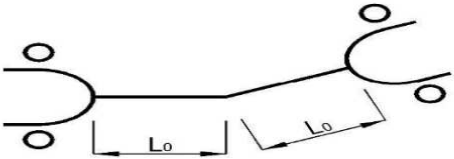
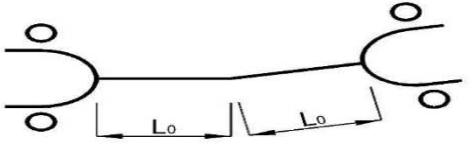
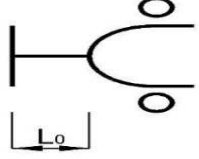
HPPE関連部材設計値(φ100)

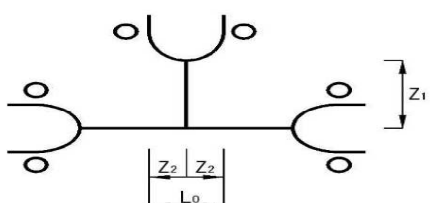
部材	φ100	設計値
直管、EF片受直管 	外径 L	125 5000
両挿ベンド 	L(90°) L(45°) L(22° 1/2) L(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	360 300 250 260 720 600 500 520
EF片受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) L2(90°) L2(45°) L2(22° 1/2) L2(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	249 191 141 139 360 302 252 260 609 494 394 399
EF両受ベンド 	Z(90°) Z(45°) Z(22° 1/2) Z(11° 1/4) Lo(90°) Lo(45°) Lo(22° 1/2) Lo(11° 1/4)	249 191 141 139 498 383 283 278
EF両受チーズ 	H(100×100) Z ₁ (100×100) Lo(100×100)	307 62 124
EF両受Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 680 450 830 600 980

部材	Φ 100	設計値
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 790 450 940 600 1090
片挿フランジ 	Lo	322
EF片受フランジ 	Lo	161
PE挿口付ソフトシール仕切弁 	Lo	842
ダクタイル鋳鉄管用片落異種管継手(K形) 	Lo(100×PE100) Lo(150×PE100)	670 895
ダクタイル鋳鉄管用片落異種管継手(GX形) 	Lo(100×PE100) Lo(150×PE100)	660 895
ダクタイル鋳鉄管用片落異種管継手(NS形) 	Lo(100×PE100) Lo(150×PE100)	660 895
PE挿し口付鋳鉄製T字管 	L(100×75) h(100×75)	805 160

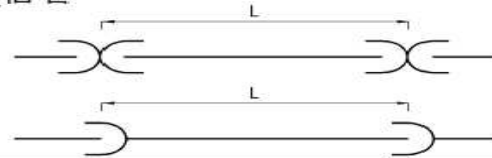
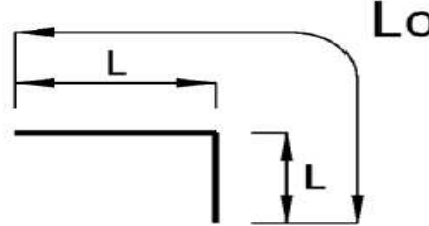
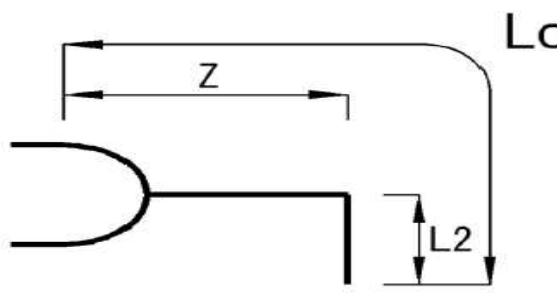
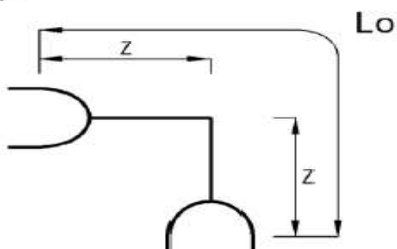
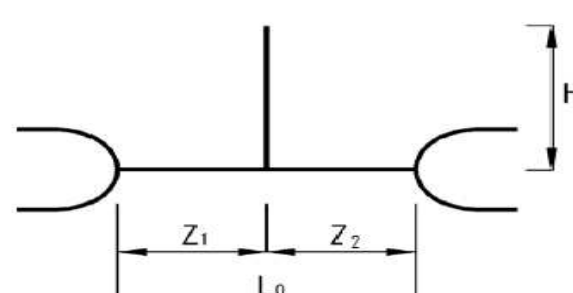
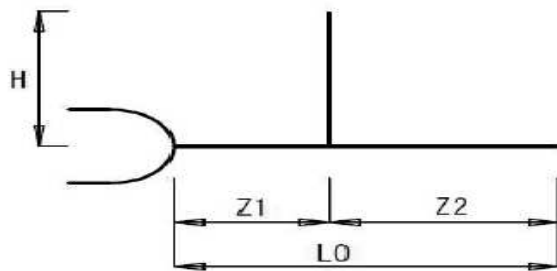
部材	Φ 100	設計値
EF両受径違いチーズ 	H (100 × 75) Z ₁ (100 × 75) L ₀ (100 × 75)	305 62 124
EFフランジ付チーズ 	L ₀ (100 × 75) H (100 × 75)	125 272
EFフランジ付チーズ 	L ₀ (100 × 100) H (100 × 100)	125 300
EF片受レデューサ 	Z (100 × 50)	381
EF片受レデューサ 	Z (100 × 75)	421
EFレデューサ 	L (100 × 50)	397
EFレデューサ 	L (100 × 75)	402

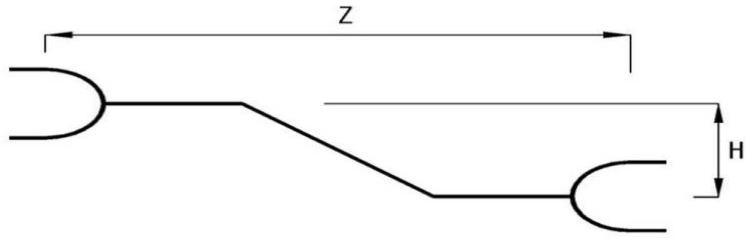
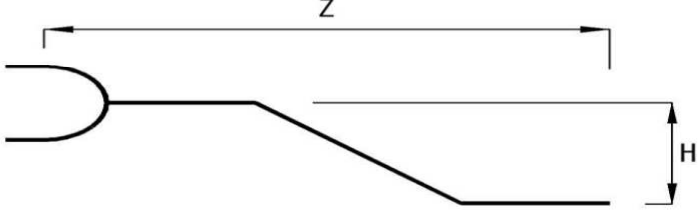
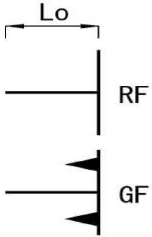
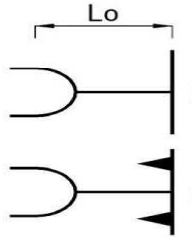
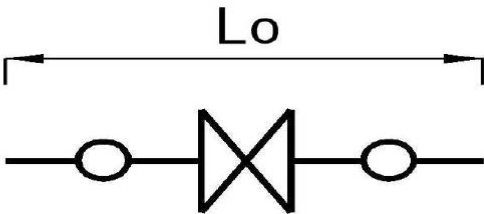
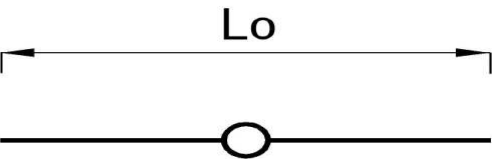
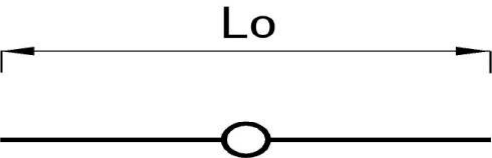
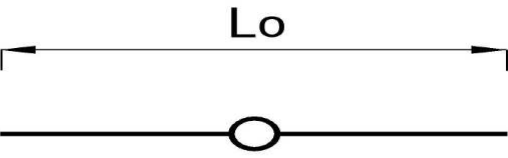
部材	Φ100	設計値
PE挿口付粉体仕切弁 	Lo	860
PE挿口付粉体仕切弁(片フランジ形) 	Lo	575
割丁字管 φ100 × φ75(V型) 	Lo	281
割丁字管 φ100 × φ100(V型) 	Lo	340
割丁字管 φ100 × φ75(F型) 	Lo	133
割丁字管 φ100 × φ100(F型) 	Lo	133

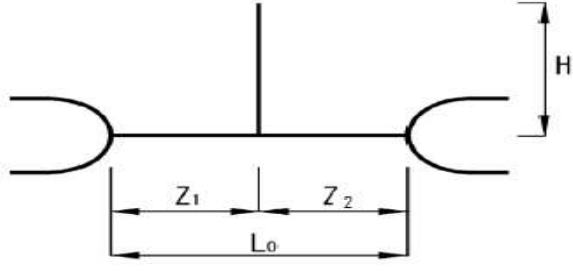
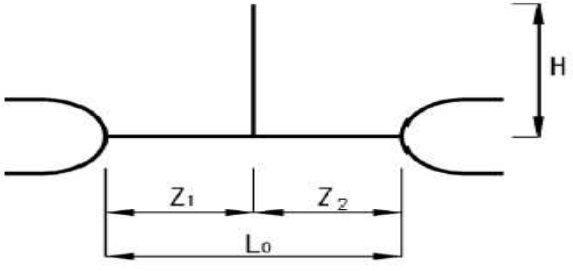
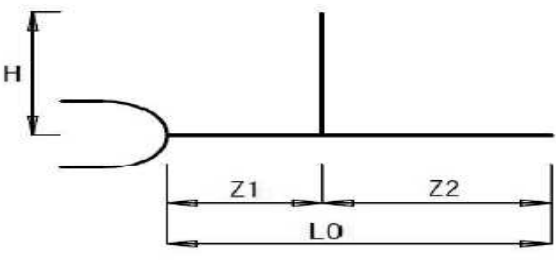
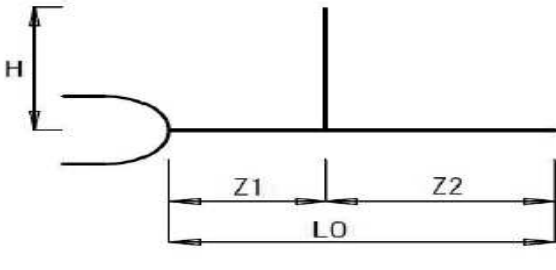
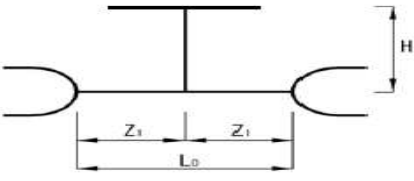
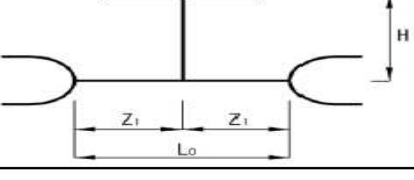
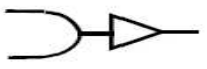
部材	Φ 100	設計値
PCジョイント片落 	$L_0(150 \times PE100)$	37
PPチーズ 	$Z_1(100 \times 100)$	98
	$Z_2(100 \times 100)$	91
	$L_0(100 \times 100)$	182
PPチーズ 	$Z_1(100 \times 75)$	99
	$Z_2(100 \times 75)$	77
	$L_0(100 \times 75)$	154
PPベンド90° 	$L_0 \times 2$	200
PPベンド45° 	$L_0 \times 2$	99
PPベンド22° 1/2 	$L_0 \times 2$	72
PPベンド11° 1/4 	$L_0 \times 2$	60
PC短管1号 	L_0	81




部材	Φ 100	設計値
PPチーズ 	$Z_1(100 \times 50)$	140
	$Z_2(100 \times 50)$	52
	$L_0(100 \times 50)$	104

HPPE関連部材設計値(φ150)

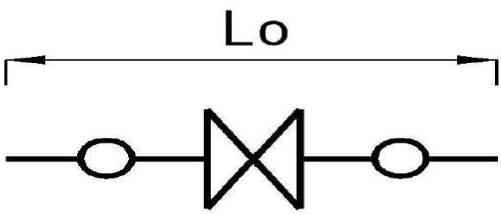
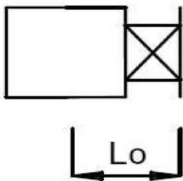
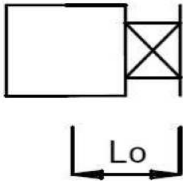
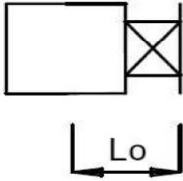
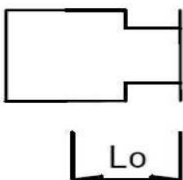
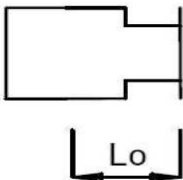
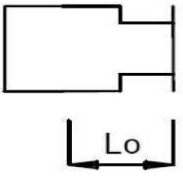
部材	Φ150	設計値
直管、EF片受直管 	外径	180
	L	5000
両挿ベンド 	L(90°)	480
	L(45°)	390
	L(22° 1/2)	340
	L(11° 1/4)	320
	Lo(90°)	960
	Lo(45°)	780
	Lo(22° 1/2)	680
EF片受ベンド 	Z(90°)	332
	Z(45°)	232
	Z(22° 1/2)	190
	Z(11° 1/4)	170
	L2(90°)	480
	L2(45°)	390
	L2(22° 1/2)	340
	L2(11° 1/4)	320
	Lo(90°)	812
	Lo(45°)	622
	Lo(22° 1/2)	530
	Lo(11° 1/4)	490
	EF両受ベンド 	Z(90°)
Z(45°)		232
Z(22° 1/2)		190
Z(11° 1/4)		170
Lo(90°)		665
Lo(45°)		465
Lo(22° 1/2)		380
Lo(11° 1/4)		340
EF両受チーズ 	H(150×150)	400
	Z ₁ (150×150)	252
	Z ₂ (150×150)	253
	Lo(150×150)	505
EF片受チーズ 	H(150×150)	400
	Z ₁ (150×150)	252
	Z ₂ (150×150)	400
	Lo(150×150)	652

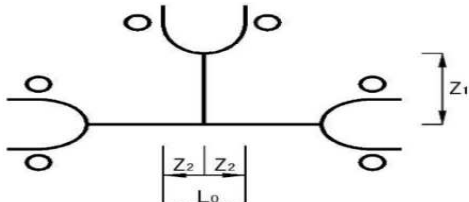
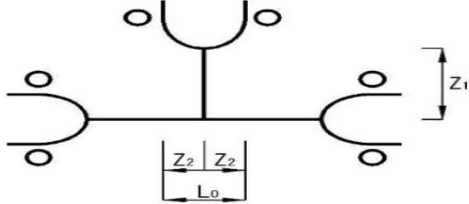
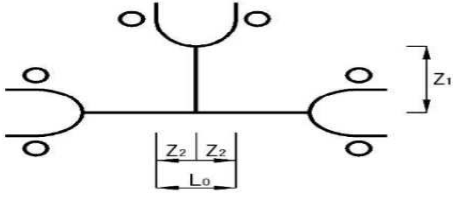
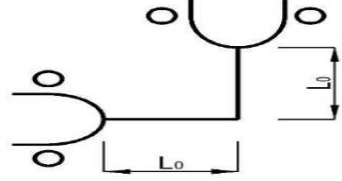
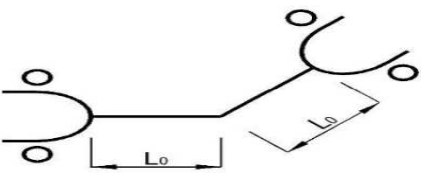
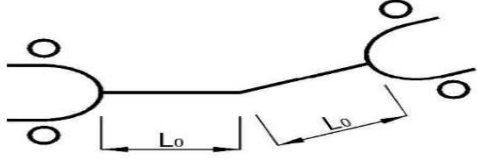
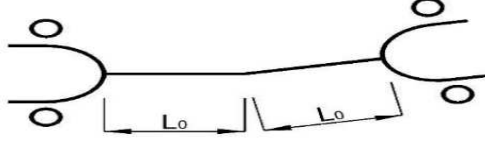
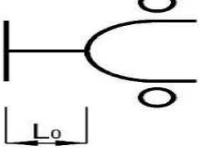
部材	Φ 150	設計値
EF両受Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 760 450 910 600 1060
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 920 450 1070 600 1220
片挿フランジ 	Lo	345
EF片受フランジ 	Lo	220
PE挿口付ソフトシール仕切弁 	Lo	1022
ダクタイル鋳鉄管用異種管継手(K形) 	Lo(150×PE150)	735
ダクタイル鋳鉄管用異種管継手(GX形) 	Lo(150×PE150)	715
ダクタイル鋳鉄管用異種管継手(NS形) 	Lo(150×PE150)	710

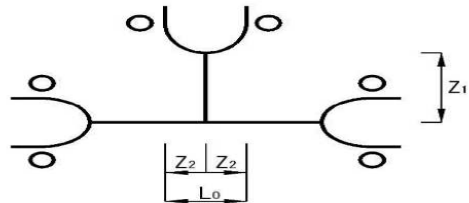
部材	Φ 150	設計値
EF両受径違いチーズ 	H (150 × 75) Z ₁ (150 × 75) Z ₂ (150 × 75) L ₀ (150 × 75)	400 252 253 505
EF両受径違いチーズ 	H (150 × 100) Z ₁ (150 × 100) Z ₂ (150 × 100) L ₀ (150 × 100)	400 252 253 505
EF片受径違いチーズ 	H (150 × 75) Z ₁ (150 × 75) Z ₂ (150 × 75) L ₀ (150 × 75)	400 252 400 652
EF片受径違いチーズ 	H (150 × 100) Z ₁ (150 × 100) Z ₂ (150 × 100) L ₀ (150 × 100)	400 252 400 652
EFフランジ付チーズ 	L ₀ (150 × 75) H (150 × 75)	505 280
EFフランジ付チーズ 	L ₀ (150 × 100) H (150 × 100)	505 262
EF片受レデューサ 	Z (150 × 100)	502

部材	Φ 150	設計値
EFレデューサ 	L(150 × 100)	482
PE挿し口付鋳鉄製T字管 	L(150 × 75)	937
PE挿し口付鋳鉄製T字管 	L(150 × 100)	930
	h(150 × 100)	190

HPPE関連部材設計値(φ150)

部材	Φ150	設計値
PE挿口付粉体仕切弁 	Lo	1020
割丁字管 φ150 × φ75 (V型) 	Lo	306
割丁字管 φ150 × φ100 (V型) 	Lo	316
割丁字管 φ150 × φ150 (V型) 	Lo	400
割丁字管 φ150 × φ75 (F型) 	Lo	167
割丁字管 φ150 × φ100 (F型) 	Lo	162
割丁字管 φ150 × φ150 (F型) 	Lo	163

部材	Φ 150	設計値
PPチーズ 	Z ₁ (150 × 150)	132
	Z ₂ (150 × 150)	124
	L ₀ (150 × 150)	248
PPチーズ 	Z ₁ (150 × 100)	127
	Z ₂ (150 × 100)	96
	L ₀ (150 × 100)	192
PPチーズ 	Z ₁ (150 × 75)	128
	Z ₂ (150 × 75)	80
	L ₀ (150 × 75)	160
PPベンド90° 	L ₀ × 2	262
PPベンド45° 	L ₀ × 2	138
PPベンド22° 1/2 	L ₀ × 2	84
PPベンド11° 1/4 	L ₀ × 2	63
PC短管1号 	L ₀	87

部材	Φ 150	設計値
PPチーズ 	Z ₁ (150 × 50)	175
	Z ₂ (150 × 50)	25
	L ₀ (150 × 50)	50