
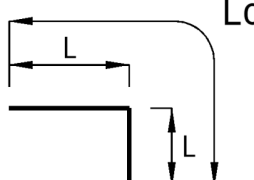
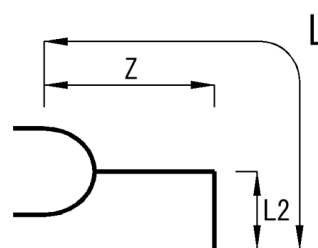
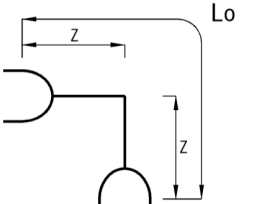
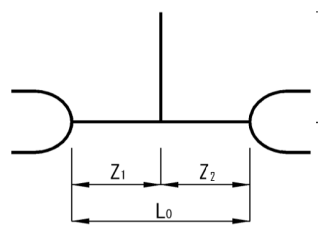
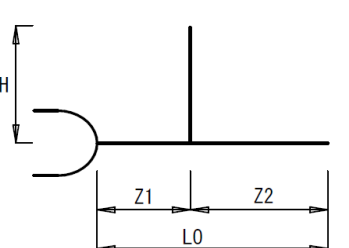
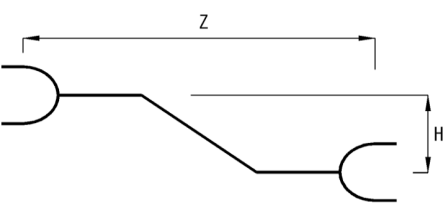
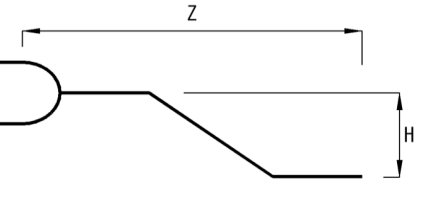
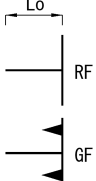
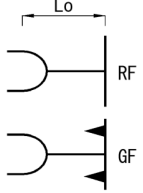
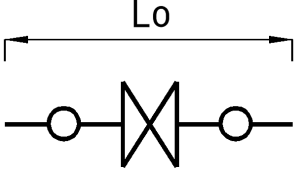
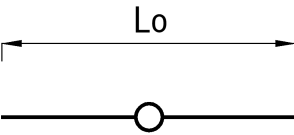
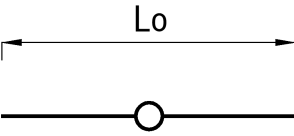
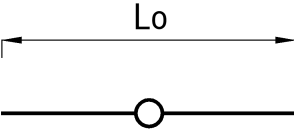
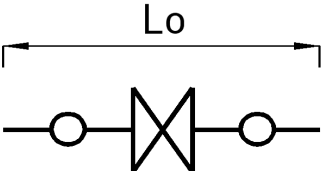
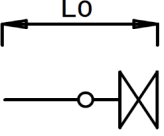
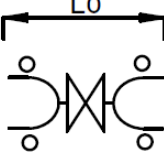
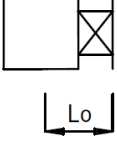
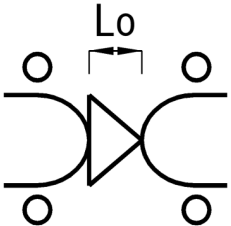
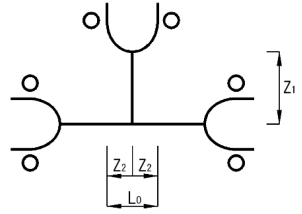
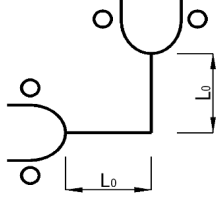
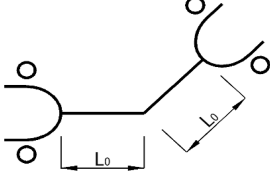
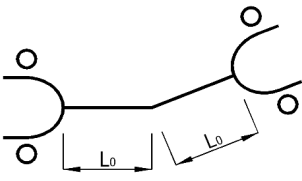

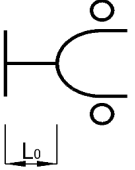


HPPE関連部材設計値(φ50)

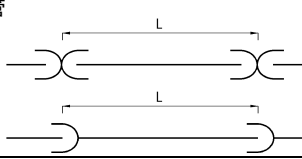
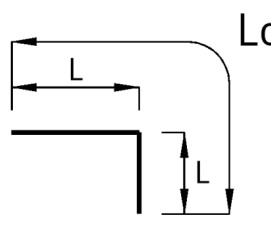
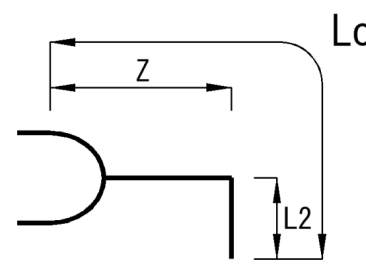
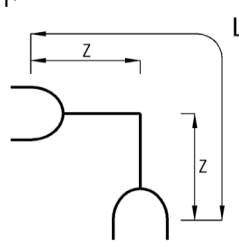
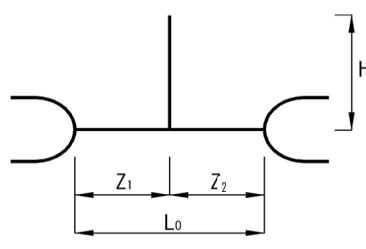
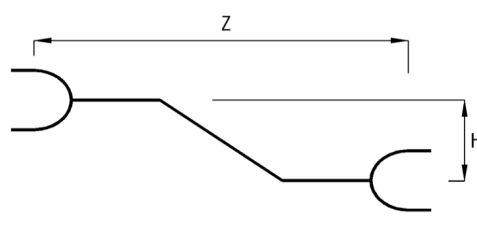
部材	Φ50	設計値
直管、EF片受直管 	外径	63
	L	5000
両挿ベンド 	L(90°)	210
	L(45°)	160
	L(22° 1/2)	140
	L(11° 1/4)	132
	Lo(90°)	420
	Lo(45°)	320
	Lo(22° 1/2)	280
EF片受ベンド 	Z(90°)	156
	Z(45°)	106
	Z(22° 1/2)	86
	Z(11° 1/4)	83
	L2(90°)	212
	L2(45°)	161
	L2(22° 1/2)	143
	L2(11° 1/4)	135
	Lo(90°)	368
	Lo(45°)	267
EF両受ベンド 	Z(90°)	156
	Z(45°)	106
	Z(22° 1/2)	86
	Z(11° 1/4)	83
	Lo(90°)	312
	Lo(45°)	212
	Lo(22° 1/2)	172
EF両受チーズ 	H(50×50)	181
	Z <sub>1</sub> (50×50)	33
	Z <sub>2</sub> (50×50)	34
	Lo(50×50)	67
EF片受チーズ 	H(50×50)	198
	Z <sub>1</sub> (50×50)	146
	Z <sub>2</sub> (50×50)	194
	Lo(50×50)	340

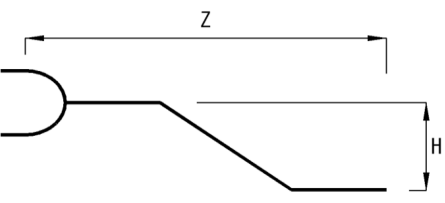
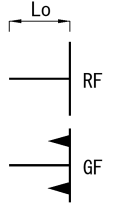
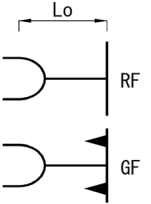
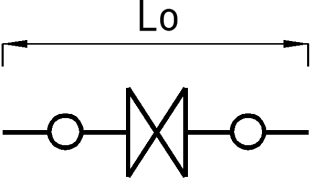
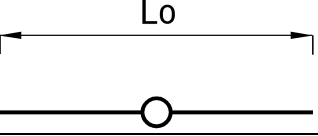
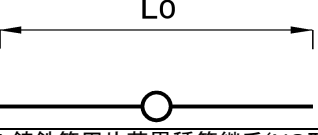
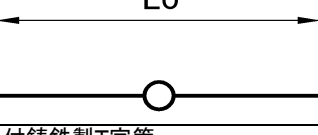

部材	Φ50	設計値
EF両受Sベンド 	H(H300)	300
	Z(H300)	511
	H(H450)	450
	Z(H450)	636
	H(H600)	600
	Z(H600)	811
EF片受 Sベンド 	H(H300)	300
	Z(H300)	567
	H(H450)	450
	Z(H450)	717
	H(H600)	600
	Z(H600)	867
片挿フランジ 	Lo	185
EF片受フランジ 	Lo	158
PE挿口付ソフトシール仕切弁 	Lo	659
ダクタイル鋳鉄管用片落異種管継手(K形) 	Lo(100×PE50)	815
	Lo(75×PE50)	730
ダクタイル鋳鉄管用片落異種管継手(GX形) 	Lo(100×PE50)	815
	Lo(75×PE50)	682
ダクタイル鋳鉄管用片落異種管継手(NS形) 	Lo(100×PE50)	815
	Lo(75×PE50)	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

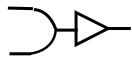
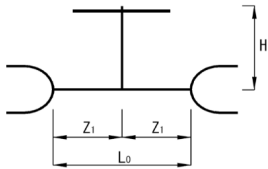
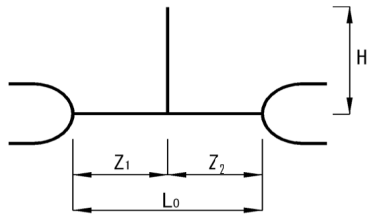
部材	Φ50	設計値
PCジョイント片落 	$L_0(75 \times PE50)$	31
	$L_0(100 \times PE50)$	50
	$L_0(150 \times PE50)$	69
PPチーズ 	$Z_1$	81
	$Z_2$	82
	$L_0$	164
PPベンド90° 	$L_0 \times 2$	182
PPベンド45° 	$L_0 \times 2$	99
PPベンド22° 1/2 	$L_0 \times 2$	70
PPベンド11° 1/4 	$L_0 \times 2$	73
PC短管1号 	$L_0$	73

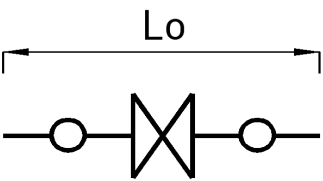
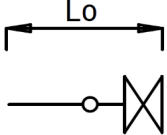
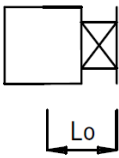
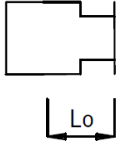
### HPPE関連部材設計値(φ75)

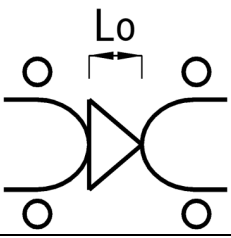
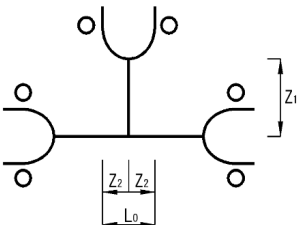
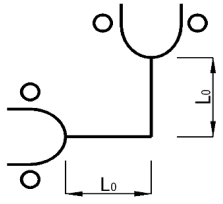
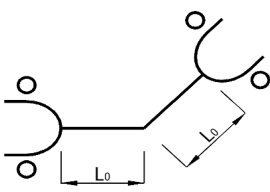
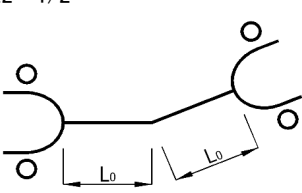
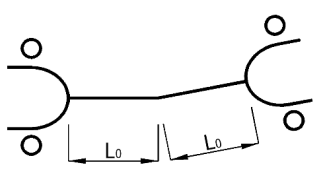
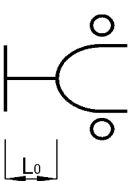
部材	φ75	設計値
直管、EF片受直管 	外径	90
	L	5000
両挿ベンド 	L(90°)	320
	L(45°)	290
	L(22° 1/2)	240
	L(11° 1/4)	230
	Lo(90°)	640
	Lo(45°)	580
	Lo(22° 1/2)	480
	Lo(11° 1/4)	460
EF片受ベンド 	Z(90°)	216
	Z(45°)	186
	Z(22° 1/2)	136
	Z(11° 1/4)	126
	L2(90°)	320
	L2(45°)	290
	L2(22° 1/2)	240
	L2(11° 1/4)	230
	Lo(90°)	536
	Lo(45°)	476
EF両受ベンド 	Z(90°)	216
	Z(45°)	186
	Z(22° 1/2)	136
	Z(11° 1/4)	126
	Lo(90°)	433
	Lo(45°)	373
	Lo(22° 1/2)	273
EF両受チーழ 	H(75×75)	257
	Z <sub>1</sub> (75×75)	47
	Z <sub>2</sub> (75×75)	48
	Lo(75×75)	95
	H(H300)	300
EF両受Sベンド 	Z(H300)	675
	H(H450)	450
	Z(H450)	825
	H(H600)	600
	Z(H600)	975
	H(H300)	300

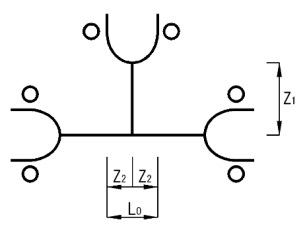
部材	Φ 75	設計値
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 777 450 927 600 1077
片挿フランジ 	Lo	262
EF片受フランジ 	Lo	146
PE挿口付ソフトシール仕切弁 	Lo	772
ダクタイル鋳鉄管用片落異種管継手(K形) 	Lo(75×PE75)	622
	Lo(100×PE75)	825
ダクタイル鋳鉄管用片落異種管継手(GX形) 	Lo(75×PE75)	615
	Lo(100×PE75)	825
ダクタイル鋳鉄管用片落異種管継手(NS形) 	Lo(75×PE75)	615
	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両受径違いチーズ	H (75 × 50)	270
	Z <sub>1</sub> (75 × 50)	39
	Z <sub>2</sub> (75 × 50)	39
	L <sub>0</sub> (75 × 50)	78
EFフランジ付チーズ	L <sub>0</sub> (75 × 75)	94
	H (75 × 75)	247
EF片受レデューサ	Z (75 × 50)	336

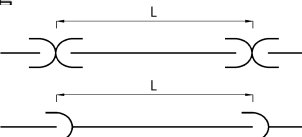
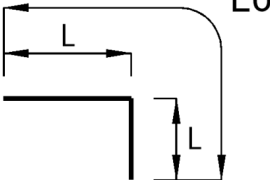
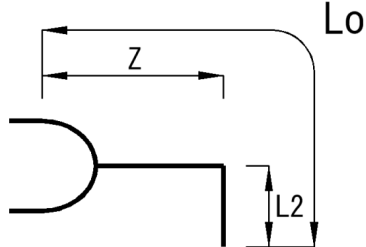
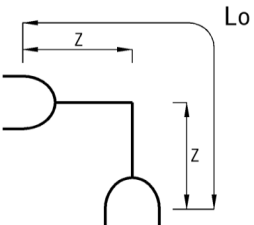
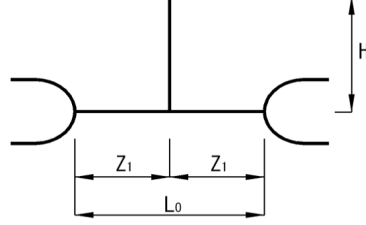
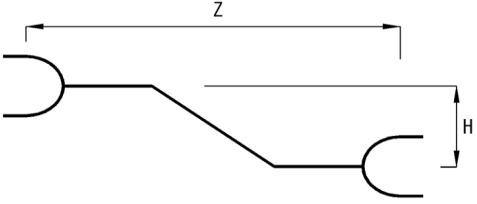


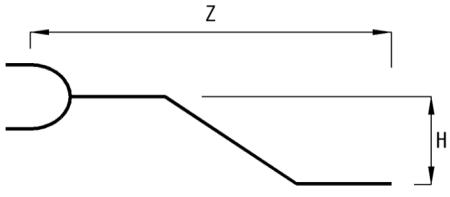
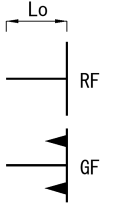
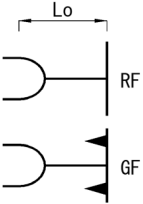
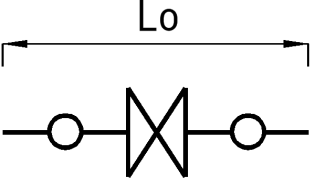
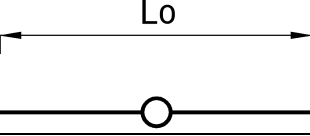
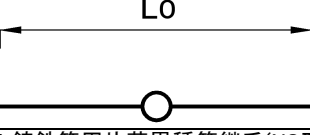
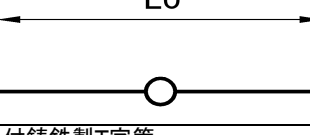

部材	Φ75	設計値
PE挿口付粉体仕切弁 	Lo	780
PE挿口付粉体仕切弁(片フランジ形) 	Lo	525
割丁字管 φ75 × φ75 (V型) 	Lo	268
割丁字管 φ75 × φ75 (F型) 	Lo	121

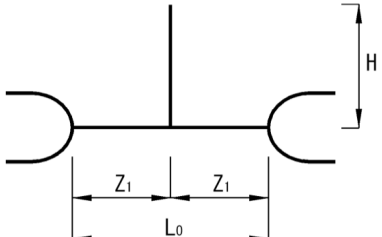
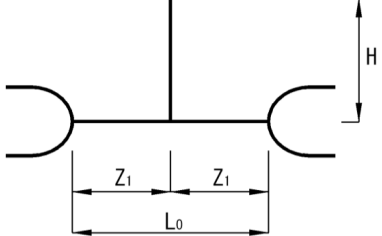
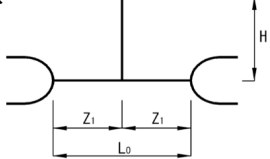
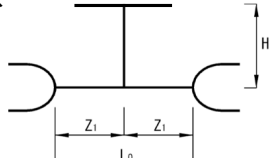

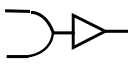


部材	Φ 75	設計値
PCジョイント片落 	$L_0(100 \times PE75)$	32
	$L_0(150 \times PE75)$	72
PPチーழ 	$Z_1(75 \times 75)$	84
	$Z_2(75 \times 75)$	79
	$L_0(75 \times 75)$	158
PPベンド90° 	$L_0 \times 2$	164
PPベンド45° 	$L_0 \times 2$	87
PPベンド22° 1/2 	$L_0 \times 2$	70
PPベンド11° 1/4 	$L_0 \times 2$	60
PC短管1号 	$L_0$	79

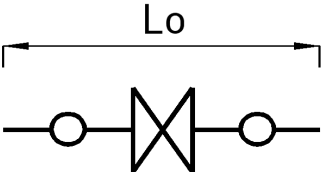
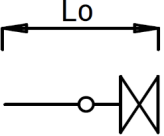
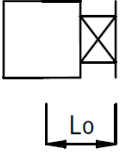
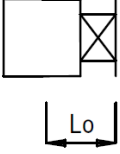
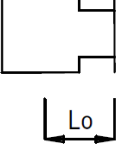
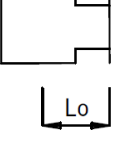
部材	Φ75	設計値
PPチーゾ 	Z <sub>1</sub> (75×50)	120
	Z <sub>2</sub> (75×50)	35
	L <sub>0</sub> (75×50)	70

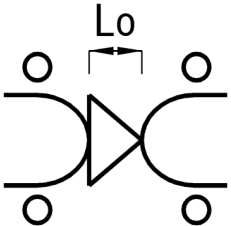
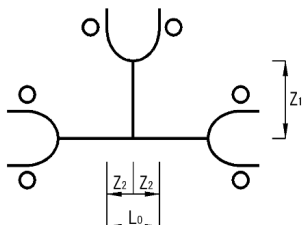
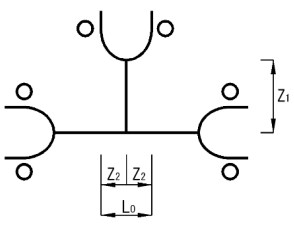
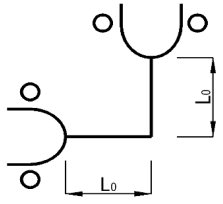
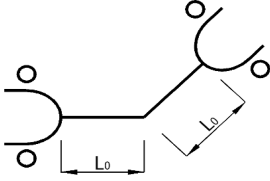
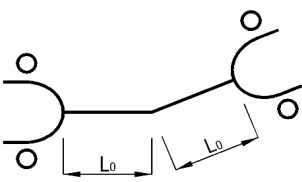
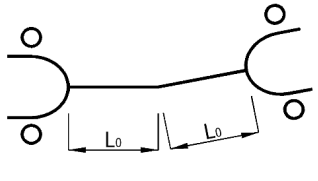
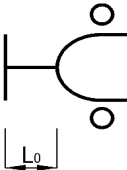
### HPPE関連部材設計値(φ100)

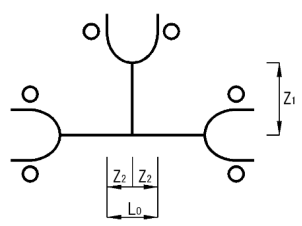
部材	Φ100	設計値
直管、EF片受直管 	外径	125
	L	5000
両挿ベンド 	L(90°)	360
	L(45°)	300
	L(22° 1/2)	250
	L(11° 1/4)	260
	Lo(90°)	720
	Lo(45°)	600
	Lo(11° 1/4)	520
EF片受ベンド 	Z(90°)	249
	Z(45°)	191
	Z(22° 1/2)	141
	Z(11° 1/4)	139
	L2(90°)	360
	L2(45°)	302
	L2(22° 1/2)	252
	L2(11° 1/4)	260
	Lo(90°)	609
	Lo(45°)	494
EF両受ベンド 	Z(90°)	249
	Z(45°)	191
	Z(22° 1/2)	141
	Z(11° 1/4)	139
	Lo(90°)	498
	Lo(45°)	383
EF両受チーズ 	H(100×100)	307
	Z <sub>1</sub> (100×100)	62
	Lo(100×100)	124
EF両受Sベンド 	H(H300)	300
	Z(H300)	680
	H(H450)	450
	Z(H450)	830
	H(H600)	600
	Z(H600)	980

部材	Φ100	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

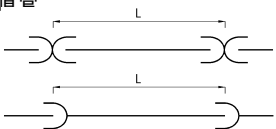
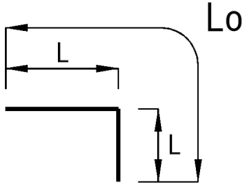
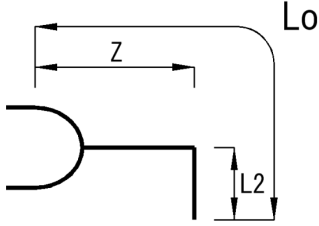
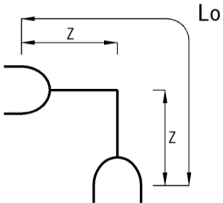
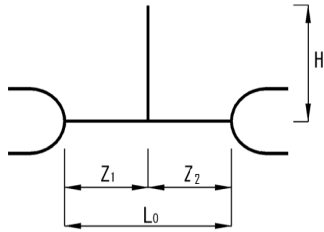
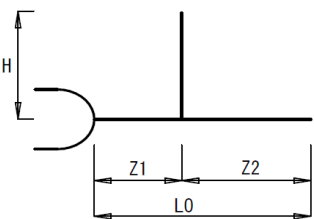
部材	Φ 100	設計値
EF両受径違いチーズ 	H(100×75)	305
	Z <sub>1</sub> (100×75)	62
	L <sub>0</sub> (100×75)	124
EF両受径違いチーズ 	H(100×50)	330
	Z <sub>1</sub> (100×50)	57
	L <sub>0</sub> (100×50)	114
EFフランジ付チーズ 	L <sub>0</sub> (100×75)	125
	H(100×75)	272
EFフランジ付チーズ 	L <sub>0</sub> (100×100)	125
	H(100×100)	300
EF片受レデューサ 	Z(100×50)	381
EF片受レデューサ 	Z(100×75)	421
EFLレデューサ 	L(100×50)	397
EFLレデューサ 	L(100×75)	402

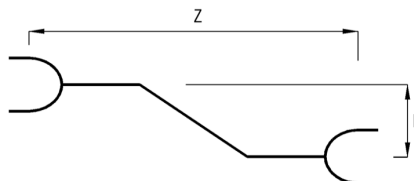
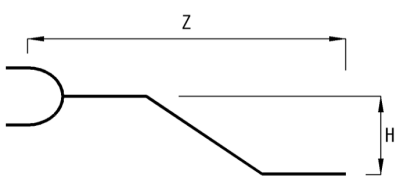
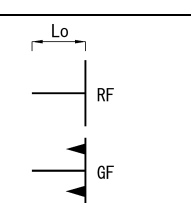
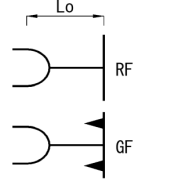
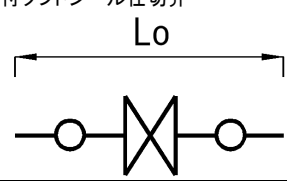
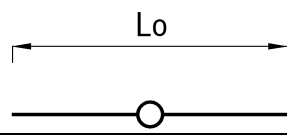
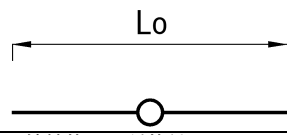
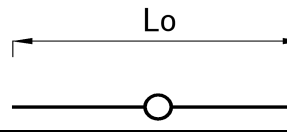
部材	Φ100	設計値
PE挿口付粉体仕切弁 	Lo	860
PE挿口付粉体仕切弁(片フランジ形) 	Lo	575
割丁字管 φ100×φ75(V型) 	Lo	281
割丁字管 φ100×φ100(V型) 	Lo	340
割丁字管 φ100×φ75(F型) 	Lo	133
割丁字管 φ100×φ100(F型) 	Lo	133

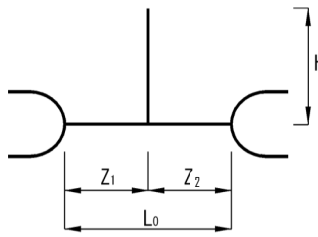
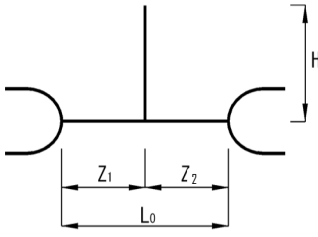
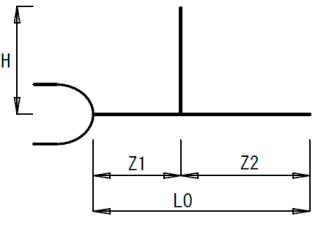
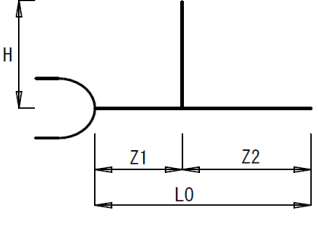
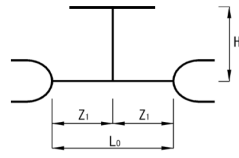
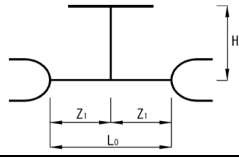

部材	Φ100	設計値
PCジョイント片落 	Lo(150 × PE100)	37
PPチーズ 	Z <sub>1</sub> (100 × 100)	98
	Z <sub>2</sub> (100 × 100)	91
	Lo(100 × 100)	182
PPチーズ 	Z <sub>1</sub> (100 × 75)	99
	Z <sub>2</sub> (100 × 75)	77
	Lo(100 × 75)	154
PPベンド90° 	Lo × 2	200
PPベンド45° 	Lo × 2	99
PPベンド22° 1/2 	Lo × 2	72
PPベンド11° 1/4 	Lo × 2	60
PC短管1号 	Lo	81




部材	Φ100	設計値
PPチーゾ 	$Z_1(100 \times 50)$ <hr/> $Z_2(100 \times 50)$ <hr/> $L_0(100 \times 50)$	140 <hr/> 52 <hr/> 104

HPPE関連部材設計値(φ150)

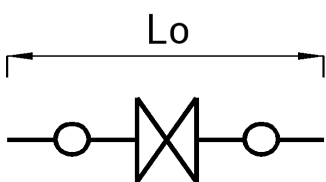
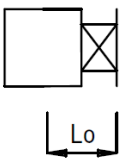
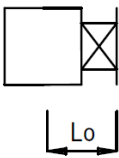
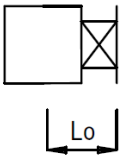
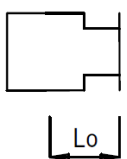
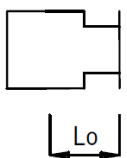
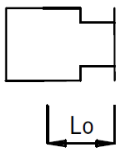
部材	Φ150	設計値
直管、EF片受直管 	外径	180
	L	5000
両挿ベンド 	L(90°)	480
	L(45°)	390
	L(22° 1/2)	340
	L(11° 1/4)	320
	Lo(90°)	960
	Lo(45°)	780
	Lo(22° 1/2)	680
EF片受ベンド 	Z(90°)	332
	Z(45°)	232
	Z(22° 1/2)	190
	Z(11° 1/4)	170
	L2(90°)	480
	L2(45°)	390
	L2(22° 1/2)	340
	L2(11° 1/4)	320
	Lo(90°)	812
	Lo(45°)	622
EF両受ベンド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

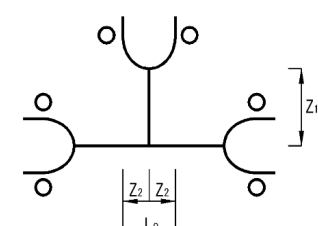
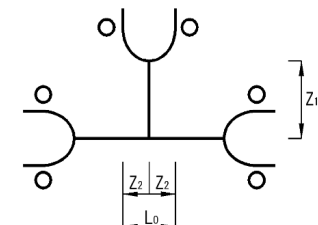
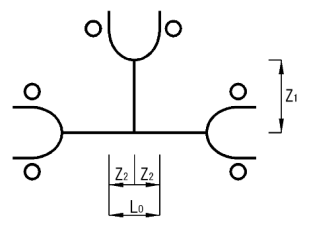
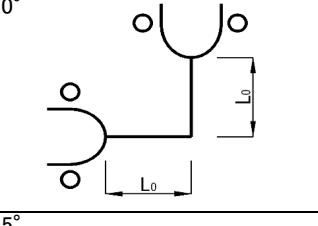
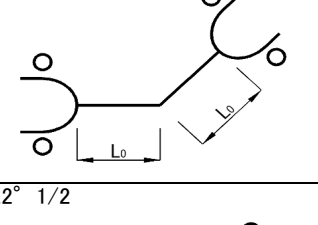
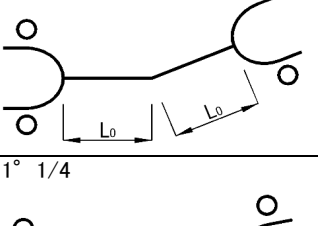
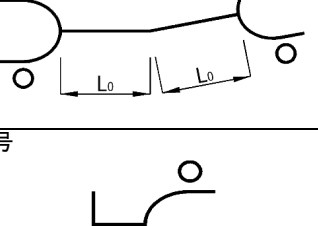
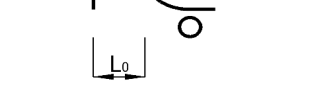
部材	Φ 150	設計値
EF両受Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 760 450 910 600 1060
EF片受 Sベンド 	H(H300) Z(H300) H(H450) Z(H450) H(H600) Z(H600)	300 920 450 1070 600 1220
片挿フランジ 	Lo	345
EF片受フランジ 	Lo	220
PE挿口付ソフトシール仕切弁 	Lo	1022
ダクタイル鋳鉄管用異種管継手(K形) 	Lo (150 × PE150)	735
ダクタイル鋳鉄管用異種管継手(GX形) 	Lo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

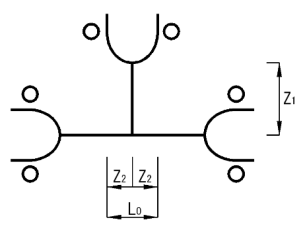
部材	Φ 150	設計値
EF両受径違いチーズ 	H(150×75)	400
	Z <sub>1</sub> (150×75)	252
	Z <sub>2</sub> (150×75)	253
	L <sub>0</sub> (150×75)	505
EF両受径違いチーズ 	H(150×100)	400
	Z <sub>1</sub> (150×100)	252
	Z <sub>2</sub> (150×100)	253
	L <sub>0</sub> (150×100)	505
EF片受径違いチーズ 	H(150×75)	400
	Z <sub>1</sub> (150×75)	252
	Z <sub>2</sub> (150×75)	400
	L <sub>0</sub> (150×75)	652
EF片受径違いチーズ 	H(150×100)	400
	Z <sub>1</sub> (150×100)	252
	Z <sub>2</sub> (150×100)	400
	L <sub>0</sub> (150×100)	652
EFフランジ付チーズ 	L <sub>0</sub> (150×75)	505
	H(150×75)	280
EFフランジ付チーズ 	L <sub>0</sub> (150×100)	505
	H(150×100)	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
	h(150 × 75)	190
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 <sub>1</sub> (150×150)	132
	Z <sub>2</sub> (150×150)	124
	Lo(150×150)	248
PPチーズ 	Z <sub>1</sub> (150×100)	127
	Z <sub>2</sub> (150×100)	96
	Lo(150×100)	192
PPチーズ 	Z <sub>1</sub> (150×75)	128
	Z <sub>2</sub> (150×75)	80
	Lo(150×75)	160
PPベンド90° 	Lo×2	262
PPベンド45° 	Lo×2	138
PPベンド22° 1/2 	Lo×2	84
PPベンド11° 1/4 	Lo×2	63
PC短管1号 	Lo	87

部材	Φ 150	設計値
PPチーゾ  <p>The diagram shows a PP Tee fitting. It consists of a horizontal main pipe and a vertical branch pipe. The main pipe has two side ports, and the branch pipe has two top ports. Dimensions are indicated: Z1 is the height from the centerline of the main pipe to the centerline of the branch pipe; Z2 is the distance from the centerline of the main pipe to the centerline of each side port; and L0 is the length of the main pipe between the two side ports.</p>	Z <sub>1</sub> (150 × 50) Z <sub>2</sub> (150 × 50) L <sub>0</sub> (150 × 50)	175 25 50