

# Line Mount Manifolds

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ECI	Ninety degree .....	553
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EFB	Ninety degree with gauge port	.....577
EFC	Ninety degree with gauge port	.....578
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EFI	Ninety degree with gauge port	.....580
EFJ	Ninety degree with gauge port	.....581
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ELI	Ninety degree with high capacity port 3 and gauge port .....	622
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ELK	Ninety degree with high capacity port 3 and gauge port .....	624
ELU	Ninety degree with high capacity port 3 and gauge port .....	625
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EMC	Cushion lock .....	628
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EMV	Cushion lock .....	632
ENB	Cushion lock with shuttle .....	633
ENC	Cushion lock with shuttle .....	634
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ENK	Cushion lock with shuttle .....	636
ENU	Cushion lock with shuttle .....	637
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FA4	Ninety degree .....	652
FAA	Ninety degree .....	653
FAB	Ninety degree .....	654
FAC	Ninety degree .....	655
FAD	Ninety degree .....	656



FAH	Ninety degree .....	657
FAI	Ninety degree .....	658
FAJ	Ninety degree .....	659
FAK	Ninety degree .....	660
FAL	Ninety degree .....	661
FAO	Ninety degree .....	662
FAP	Ninety degree .....	663
FAT	Ninety degree .....	664
FAU	Ninety degree .....	665
FAV	Ninety degree .....	666
FAW	Ninety degree .....	667
FCA	Inline .....	668
FCB	Inline .....	669
FCC	Inline .....	670
FCH	Inline .....	671
FCI	Inline .....	672
FCJ	Inline .....	673
FCT	Inline .....	674
FCU	Inline .....	675
FCV	Inline .....	676
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FEK	Through port with gauge port	.....683
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FEU	Through port with gauge port	.....686
FEV	Through port with gauge port	.....687
FEW	Through port with gauge port	.....688
FEZ	Through port with gauge port	.....689
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FGC	Through port	.....692
FGI	Through port	.....693
FGJ	Through port	.....694
FGK	Through port	.....695
FGT	Through port	.....696
FGU	Through port	.....697
FGV	Through port	.....698

FHA	Cross port with make up checks	.....699
FHB	Cross port with make up checks	.....700
FHC	Cross port with make up checks	.....701
FHD	Cross port with make up checks	.....702
FHE	Cross port with make up checks	.....703
FHF	Cross port with make up checks	.....704
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GAB	Ninety degree	.....727
GAC	Ninety degree	.....728
GAD	Ninety degree	.....729
GAH	Ninety degree	.....730
GAI	Ninety degree	.....731
GAJ	Ninety degree	.....732
GAK	Ninety degree	.....733
GAL	Ninety degree	.....734
GAT	Ninety degree	.....735
GAU	Ninety degree	.....736
GAV	Ninety degree	.....737
GAW	Ninety degree	.....738
GCA	Inline	.....739
GCB	Inline	.....740

GCC	Inline .....	741
GCH	Inline .....	742
GCI	Inline .....	743
GCJ	Inline .....	744
GCT	Inline .....	745
GCU	Inline .....	746
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GNN	Ninety degree with reverse flow check .....	749
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HCL	Ninety degree	.....824
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HCW	Ninety degree .....	829
HCX	Ninety degree .....	830
HCY	Ninety degree .....	831
HDD	Inline .....	832
HDE	Inline .....	833
HDL	Inline .....	834
HDM	Inline .....	835
HDP	Inline .....	836
HDW	Inline .....	837
HDX	Inline .....	838
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HEE	Ninety degree with high capacity port 3 and gauge port .....	842
HEF	Ninety degree with high capacity port 3 and gauge port .....	843
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HFE	Ninety degree with gauge port	.....855
HFF	Ninety degree with gauge port	.....856
HFL	Ninety degree with gauge port	.....857
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IAQ	Ninety degree with gauge port	.....925
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ICE	Inline .....	932
ICF	Inline .....	933
ICL	Inline .....	934
ICM	Inline .....	935
ICN	Inline .....	936
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ICW	Inline .....	938
ICX	Inline .....	939
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IES	Through port with gauge port	.....954
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IEY	Through port with gauge port	.....957
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IMF	Cross port with make up checks	.....960
IML	Cross port with make up checks	.....961
IMM	Cross port with make up checks	.....962
IMN	Cross port with make up checks	.....963
IMW	Cross port with make up checks	.....964
IMX	Cross port with make up checks	.....965
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INY	Ninety degree with reverse flow check	.....979
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J2I	Ninety degree with reverse flow check - reducing	.....983
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JCB	Ninety degree	.....993
JCH	Ninety degree	.....994



JCI	Ninety degree .....	995
JCT	Ninety degree .....	996
JCU	Ninety degree .....	997
JFA	Ninety degree with gauge port .....	998
JFB	Ninety degree with gauge port .....	999
JFH	Ninety degree with gauge port .....	1000
JFI	Ninety degree with gauge port .....	1001
JFT	Ninety degree with gauge port .....	1002
JFU	Ninety degree with gauge port .....	1003
JHA	Through port 1 with gauge port .....	1004
JHB	Through port 1 with gauge port .....	1005
JHH	Through port 1 with gauge port .....	1006
JHI	Through port 1 with gauge port .....	1007
JHT	Through port 1 with gauge port .....	1008
JHU	Through port 1 with gauge port .....	1009
JJA	Inline .....	1010
JJB	Inline .....	1011
JJH	Inline .....	1012
JJI	Inline .....	1013
JJT	Inline .....	1014
JJU	Inline .....	1015

JKA	Ninety degree .....	1016
JKB	Ninety degree .....	1017
JKH	Ninety degree .....	1018
JKI	Ninety degree .....	1019
JKT	Ninety degree .....	1020
JKU	Ninety degree .....	1021
JLA	Ninety degree .....	1022
JLB	Ninety degree .....	1023
JLC	Ninety degree .....	1024
JLH	Ninety degree .....	1025
JLI	Ninety degree .....	1026
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JLT	Ninety degree .....	1028
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JNA	Ninety degree .....	1031
JNB	Ninety degree .....	1032
JNC	Ninety degree .....	1033
JND	Ninety degree .....	1034
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JNJ	Ninety degree .....	1037
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JNT	Ninety degree .....	1039
JNU	Ninety degree .....	1040
JNV	Ninety degree .....	1041
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JPI	Ninety degree .....	1048
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JPK	Ninety degree .....	1050
JPT	Ninety degree .....	1051
JPU	Ninety degree .....	1052
JPV	Ninety degree .....	1053
JPW	Ninety degree .....	1054
JQA	Ninety degree .....	1055
JQB	Ninety degree .....	1056
JQC	Ninety degree .....	1057

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JQD	Ninety degree .....	1058
JQH	Ninety degree .....	1059
JQI	Ninety degree .....	1060
JQJ	Ninety degree .....	1061
JQK	Ninety degree .....	1062
JQT	Ninety degree .....	1063
JQU	Ninety degree .....	1064
JQV	Ninety degree .....	1065
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JRA	Ninety degree .....	1067
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JRC	Ninety degree .....	1069
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JRH	Ninety degree .....	1071
JRI	Ninety degree .....	1072
JRJ	Ninety degree .....	1073
JRK	Ninety degree .....	1074
JRT	Ninety degree .....	1075
JRU	Ninety degree .....	1076
JRV	Ninety degree .....	1077
JRW	Ninety degree .....	1078

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JSA	Ninety degree .....	1079
JSB	Ninety degree .....	1080
JSC	Ninety degree .....	1081
JSD	Ninety degree .....	1082
JSH	Ninety degree .....	1083
JSI	Ninety degree .....	1084
JSJ	Ninety degree .....	1085
JSK	Ninety degree .....	1086
JST	Ninety degree .....	1087
JSU	Ninety degree .....	1088
JSV	Ninety degree .....	1089
JSW	Ninety degree .....	1090
JUA	Ninety degree .....	1091
JUB	Ninety degree .....	1092
JUH	Ninety degree .....	1093
JUI	Ninety degree .....	1094
JUT	Ninety degree .....	1095
JUU	Ninety degree .....	1096
JVC	Ninety degree .....	1097
JVD	Ninety degree .....	1098
JVE	Ninety degree .....	1099

JVK	Ninety degree .....	1100
JVL	Ninety degree .....	1101
JVM	Ninety degree .....	1102
JVV	Ninety degree .....	1103
JVW	Ninety degree .....	1104
JVX	Ninety degree .....	1105
JYA	Cross pilot .....	1106
JYB	Cross pilot .....	1107
JYH	Cross pilot .....	1108
JYI	Cross pilot .....	1109
JYJ	Cross pilot .....	1110
JYT	Cross pilot .....	1111
JYU	Cross pilot .....	1112
K25	Ninety degree with reverse flow check - reducing .....	1113
K26	Ninety degree with reverse flow check - reducing .....	1115
K28	Ninety degree with reverse flow check - reducing .....	1117
K2D	Ninety degree with reverse flow check - reducing .....	1118
K2E	Ninety degree with reverse flow check - reducing .....	1119
K2F	Ninety degree with reverse flow check - reducing .....	1120
K2L	Ninety degree with reverse flow check - reducing .....	1121
K2M	Ninety degree with reverse flow check - reducing .....	1122

K2N	Ninety degree with reverse flow check - reducing	.....1123
K2Q	Ninety degree with reverse flow check - reducing	.....1125
K2R	Ninety degree with reverse flow check - reducing	.....1127
K2S	Ninety degree with reverse flow check - reducing	.....1129
K2W	Ninety degree with reverse flow check - reducing	.....1130
K2X	Ninety degree with reverse flow check - reducing	.....1131
K2Y	Ninety degree with reverse flow check - reducing	.....1132
K46	Ninety degree with reverse flow check - reducing	.....1133
K48	Ninety degree with reverse flow check - reducing	.....1134
K4D	Ninety degree with reverse flow check - reducing	.....1135
K4E	Ninety degree with reverse flow check - reducing	.....1136
K4F	Ninety degree with reverse flow check - reducing	.....1137
K4L	Ninety degree with reverse flow check - reducing	.....1138
K4M	Ninety degree with reverse flow check - reducing	.....1139
K4N	Ninety degree with reverse flow check - reducing	.....1140
K4R	Ninety degree with reverse flow check - reducing	.....1141
K4S	Ninety degree with reverse flow check - reducing	.....1142
K4W	Ninety degree with reverse flow check - reducing	.....1143
K4X	Ninety degree with reverse flow check - reducing	.....1144
K4Y	Ninety degree with reverse flow check - reducing	.....1145
K65	Ninety degree with reverse flow check - sequence	.....1146

K66	Ninety degree with reverse flow check - sequence .....	1147
K68	Ninety degree with reverse flow check - sequence .....	1148
K6D	Ninety degree with reverse flow check - sequence .....	1149
K6E	Ninety degree with reverse flow check - sequence .....	1150
K6F	Ninety degree with reverse flow check - sequence .....	1151
K6L	Ninety degree with reverse flow check - sequence .....	1152
K6M	Ninety degree with reverse flow check - sequence .....	1153
K6N	Ninety degree with reverse flow check - sequence .....	1154
K6Q	Ninety degree with reverse flow check - sequence .....	1155
K6R	Ninety degree with reverse flow check - sequence .....	1156
K6S	Ninety degree with reverse flow check - sequence .....	1157
K6W	Ninety degree with reverse flow check - sequence .....	1158
K6X	Ninety degree with reverse flow check - sequence .....	1159
K6Y	Ninety degree with reverse flow check - sequence .....	1160
KC4	Ninety degree .....	1161
KC5	Ninety degree .....	1162
KC6	Ninety degree .....	1163
KC8	Ninety degree .....	1164
KCE	Ninety degree .....	1165
KCF	Ninety degree .....	1166
KCM	Ninety degree .....	1167



KCN	Ninety degree .....	1168
KCP	Ninety degree .....	1169
KCQ	Ninety degree .....	1170
KCR	Ninety degree .....	1171
KCS	Ninety degree .....	1172
KCX	Ninety degree .....	1173
KCY	Ninety degree .....	1174
KE5	Ninety degree with gauge port .....	1175
KE6	Ninety degree with gauge port .....	1176
KE8	Ninety degree with gauge port .....	1177
KEE	Ninety degree with gauge port .....	1178
KEF	Ninety degree with gauge port .....	1179
KEM	Ninety degree with gauge port .....	1180
KEN	Ninety degree with gauge port .....	1181
KEQ	Ninety degree with gauge port .....	1182
KER	Ninety degree with gauge port .....	1183
KES	Ninety degree with gauge port .....	1184
KEX	Ninety degree with gauge port .....	1185
KEY	Ninety degree with gauge port .....	1186
KF4	Ninety degree with gauge port .....	1187
KF5	Ninety degree with gauge port .....	1188

KF6	Ninety degree with gauge port	.....1189
KF8	Ninety degree with gauge port	.....1190
KFE	Ninety degree with gauge port	.....1191
KFF	Ninety degree with gauge port	.....1192
KFM	Ninety degree with gauge port	.....1193
KFN	Ninety degree with gauge port	.....1194
KFP	Ninety degree with gauge port	.....1195
KFQ	Ninety degree with gauge port	.....1196
KFR	Ninety degree with gauge port	.....1197
KFS	Ninety degree with gauge port	.....1198
KFX	Ninety degree with gauge port	.....1199
KFY	Ninety degree with gauge port	.....1200
KG6	Ninety degree with shuttle	.....1202
KG8	Ninety degree with shuttle	.....1204
KGR	Ninety degree with shuttle	.....1205
KGS	Ninety degree with shuttle	.....1206
KH4	Through port 1 with gauge port	.....1207
KH5	Through port 1 with gauge port	.....1208
KH6	Through port 1 with gauge port	.....1209
KH8	Through port 1 with gauge port	.....1210
KHE	Through port 1 with gauge port	.....1211

KHF	Through port 1 with gauge port	.....1212
KHM	Through port 1 with gauge port	.....1213
KHN	Through port 1 with gauge port	.....1214
KHP	Through port 1 with gauge port	.....1215
KHQ	Through port 1 with gauge port	.....1216
KHR	Through port 1 with gauge port	.....1217
KHS	Through port 1 with gauge port	.....1218
KHX	Through port 1 with gauge port	.....1219
KHY	Through port 1 with gauge port	.....1220
KJ5	Through port 1 with gauge port	.....1221
KJ6	Through port 1 with gauge port	.....1222
KJ8	Through port 1 with gauge port	.....1223
KJQ	Through port 1 with gauge port	.....1224
KJR	Through port 1 with gauge port	.....1225
KJS	Through port 1 with gauge port	.....1226
KK5	Ninety degree with gauge port	.....1227
KK6	Ninety degree with gauge port	.....1228
KK8	Ninety degree with gauge port	.....1229
KKQ	Ninety degree with gauge port	.....1230
KKR	Ninety degree with gauge port	.....1231
KKS	Ninety degree with gauge port	.....1232

KL5	Ninety degree .....	1233
KL6	Ninety degree .....	1234
KL8	Ninety degree .....	1235
KLQ	Ninety degree .....	1236
KLR	Ninety degree .....	1237
KLS	Ninety degree .....	1238
LA2	Ninety degree with gauge port .....	1239
LA4	Ninety degree with gauge port .....	1240
LA5	Ninety degree with gauge port .....	1241
LA6	Ninety degree with gauge port .....	1242
LA7	Ninety degree with gauge port .....	1243
LA8	Ninety degree with gauge port .....	1244
LA9	Ninety degree with gauge port .....	1245
LAD	Ninety degree with gauge port .....	1246
LAE	Ninety degree with gauge port .....	1247
LAF	Ninety degree with gauge port .....	1248
LAL	Ninety degree with gauge port .....	1249
LAM	Ninety degree with gauge port .....	1250
LAN	Ninety degree with gauge port .....	1251
LAP	Ninety degree with gauge port .....	1252
LAQ	Ninety degree with gauge port .....	1253

LAR	Ninety degree with gauge port	.....1254
LAS	Ninety degree with gauge port	.....1255
LAW	Ninety degree with gauge port	.....1256
LAX	Ninety degree with gauge port	.....1257
LAY	Ninety degree with gauge port	.....1258
LB5	Ninety degree with gauge port	.....1259
LB6	Ninety degree with gauge port	.....1260
LB8	Ninety degree with gauge port	.....1261
LBQ	Ninety degree with gauge port	.....1262
LBR	Ninety degree with gauge port	.....1263
LBS	Ninety degree with gauge port	.....1264
LD5	Through port 1 with gauge port	.....1265
LD6	Through port 1 with gauge port	.....1266
LD8	Through port 1 with gauge port	.....1267
LDQ	Through port 1 with gauge port	.....1268
LDR	Through port 1 with gauge port	.....1269
LDS	Through port 1 with gauge port	.....1270
LE4	Through port with gauge port	.....1271
LE5	Through port with gauge port	.....1272
LE6	Through port with gauge port	.....1273
LE8	Through port with gauge port	.....1274

LED	Through port with gauge port	.....1275
LEE	Through port with gauge port	.....1276
LEF	Through port with gauge port	.....1277
LEL	Through port with gauge port	.....1278
LEM	Through port with gauge port	.....1279
LEN	Through port with gauge port	.....1280
LEP	Through port with gauge port	.....1281
LEQ	Through port with gauge port	.....1282
LER	Through port with gauge port	.....1283
LES	Through port with gauge port	.....1284
LEW	Through port with gauge port	.....1285
LEX	Through port with gauge port	.....1286
LEY	Through port with gauge port	.....1287
LN5	Ninety degree with reverse flow check	.....1288
LN6	Ninety degree with reverse flow check	.....1289
LN8	Ninety degree with reverse flow check	.....1290
LND	Ninety degree with reverse flow check	.....1291
LNE	Ninety degree with reverse flow check	.....1292
LNF	Ninety degree with reverse flow check	.....1293
LNL	Ninety degree with reverse flow check	.....1294
LNM	Ninety degree with reverse flow check	.....1295

LNN	Ninety degree with reverse flow check	.....1296
LNQ	Ninety degree with reverse flow check	.....1297
LNR	Ninety degree with reverse flow check	.....1298
LNS	Ninety degree with reverse flow check	.....1299
LNW	Ninety degree with reverse flow check	.....1300
LNX	Ninety degree with reverse flow check	.....1301
LYN	Ninety degree with reverse flow check	.....1302
M4A	Ninety degree with reverse flow check - reducing	.....1303
M4B	Ninety degree with reverse flow check - reducing	.....1304
M4C	Ninety degree with reverse flow check - reducing	.....1305
M4I	Ninety degree with reverse flow check - reducing	.....1306
M4J	Ninety degree with reverse flow check - reducing	.....1307
M4K	Ninety degree with reverse flow check - reducing	.....1308
M4T	Ninety degree with reverse flow check - reducing	.....1310
M4U	Ninety degree with reverse flow check - reducing	.....1311
M4V	Ninety degree with reverse flow check - reducing	.....1312
MAA	Ninety degree	.....1313
MAB	Ninety degree	.....1314
MAC	Ninety degree	.....1315
MAI	Ninety degree	.....1316
MAJ	Ninety degree	.....1317

MAK	Ninety degree .....	1318
MAT	Ninety degree .....	1319
MAU	Ninety degree .....	1320
MAV	Ninety degree .....	1321
MMA	Ninety degree .....	1322
MMB	Ninety degree .....	1323
MMC	Ninety degree .....	1324
MMI	Ninety degree .....	1325
MMJ	Ninety degree .....	1326
MMK	Ninety degree .....	1327
MMT	Ninety degree .....	1328
MMU	Ninety degree .....	1329
MMV	Ninety degree .....	1330
MNA	Ninety degree .....	1331
MNB	Ninety degree .....	1332
MNC	Ninety degree .....	1333
MNI	Ninety degree .....	1334
MNJ	Ninety degree .....	1335
MNK	Ninety degree .....	1336
MNT	Ninety degree .....	1337
MNU	Ninety degree .....	1338



MNV	Ninety degree .....	1339
MPA	Ninety degree .....	1340
MPB	Ninety degree .....	1341
MPC	Ninety degree .....	1342
MPI	Ninety degree .....	1343
MPJ	Ninety degree .....	1344
MPK	Ninety degree .....	1345
MPT	Ninety degree .....	1346
MPU	Ninety degree .....	1347
MPV	Ninety degree .....	1348
N4A	Ninety degree with reverse flow check - reducing .....	1349
N4B	Ninety degree with reverse flow check - reducing .....	1350
N4C	Ninety degree with reverse flow check - reducing .....	1351
N4D	Ninety degree with reverse flow check - reducing .....	1352
N4I	Ninety degree with reverse flow check - reducing .....	1353
N4J	Ninety degree with reverse flow check - reducing .....	1354
N4K	Ninety degree with reverse flow check - reducing .....	1355
N4L	Ninety degree with reverse flow check - reducing .....	1356
N4T	Ninety degree with reverse flow check - reducing .....	1357
N4U	Ninety degree with reverse flow check - reducing .....	1358
N4V	Ninety degree with reverse flow check - reducing .....	1359

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N4W	Ninety degree with reverse flow check - reducing .....	1360
NAB	Ninety degree .....	1361
NAC	Ninety degree .....	1362
NAD	Ninety degree .....	1363
NAJ	Ninety degree .....	1364
NAK	Ninety degree .....	1365
NAL	Ninety degree .....	1366
NAU	Ninety degree .....	1367
NAV	Ninety degree .....	1368
NAW	Ninety degree .....	1369
NMB	Ninety degree .....	1370
NMC	Ninety degree .....	1371
NMD	Ninety degree .....	1372
NMJ	Ninety degree .....	1373
NMK	Ninety degree .....	1374
NML	Ninety degree .....	1375
NMU	Ninety degree .....	1376
NMV	Ninety degree .....	1377
NMW	Ninety degree .....	1378
NNB	Ninety degree .....	1379
NNC	Ninety degree .....	1380

NND	Ninety degree .....	1381
NNJ	Ninety degree .....	1382
NNK	Ninety degree .....	1383
NNL	Ninety degree .....	1384
NNU	Ninety degree .....	1385
NNV	Ninety degree .....	1386
NNW	Ninety degree .....	1387
NPB	Ninety degree .....	1388
NPC	Ninety degree .....	1389
NPD	Ninety degree .....	1390
NPJ	Ninety degree .....	1391
NPK	Ninety degree .....	1392
NPL	Ninety degree .....	1393
NPU	Ninety degree .....	1394
NPV	Ninety degree .....	1395
NPW	Ninety degree .....	1396
P44	Ninety degree with reverse flow check - reducing .....	1397
P45	Ninety degree with reverse flow check - reducing .....	1399
P4D	Ninety degree with reverse flow check - reducing .....	1400
P4E	Ninety degree with reverse flow check - reducing .....	1401
P4F	Ninety degree with reverse flow check - reducing .....	1402

P4L	Ninety degree with reverse flow check - reducing	.....1403
P4M	Ninety degree with reverse flow check - reducing	.....1404
P4N	Ninety degree with reverse flow check - reducing	.....1405
P4P	Ninety degree with reverse flow check - reducing	.....1406
P4Q	Ninety degree with reverse flow check - reducing	.....1407
P4W	Ninety degree with reverse flow check - reducing	.....1408
P4X	Ninety degree with reverse flow check - reducing	.....1409
P4Y	Ninety degree with reverse flow check - reducing	.....1410
PA4	Ninety degree with gauge port	.....1411
PA5	Ninety degree with gauge port	.....1412
PAD	Ninety degree with gauge port	.....1413
PAE	Ninety degree with gauge port	.....1414
PAF	Ninety degree with gauge port	.....1415
PAL	Ninety degree with gauge port	.....1416
PAM	Ninety degree with gauge port	.....1417
PAN	Ninety degree with gauge port	.....1418
PAP	Ninety degree with gauge port	.....1419
PAQ	Ninety degree with gauge port	.....1420
PAW	Ninety degree with gauge port	.....1421
PAX	Ninety degree with gauge port	.....1422
PAY	Ninety degree with gauge port	.....1423

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PCD	Ninety degree .....	1424
PCE	Ninety degree .....	1425
PCF	Ninety degree .....	1426
PCL	Ninety degree .....	1427
PCM	Ninety degree .....	1428
PCN	Ninety degree .....	1429
PCW	Ninety degree .....	1430
PCX	Ninety degree .....	1431
PCY	Ninety degree .....	1432
PGD	Four Port w/Shuttle .....	1433
PM4	Ninety degree .....	1434
PM5	Ninety degree .....	1435
PMD	Ninety degree .....	1436
PME	Ninety degree .....	1437
PMF	Ninety degree .....	1438
PML	Ninety degree .....	1439
PMM	Ninety degree .....	1440
PMN	Ninety degree .....	1441
PMP	Ninety degree .....	1442
PMQ	Ninety degree .....	1443
PMW	Ninety degree .....	1444

PMX	Ninety degree .....	1445
PMY	Ninety degree .....	1446
PND	Ninety degree .....	1447
PNE	Ninety degree .....	1448
PNF	Ninety degree .....	1449
PNL	Ninety degree .....	1450
PNM	Ninety degree .....	1451
PNN	Ninety degree .....	1452
PNW	Ninety degree .....	1453
PNX	Ninety degree .....	1454
PNY	Ninety degree .....	1455
PPD	Ninety degree .....	1456
PPE	Ninety degree .....	1457
PPF	Ninety degree .....	1458
PPL	Ninety degree .....	1459
PPM	Ninety degree .....	1460
PPN	Ninety degree .....	1461
PPW	Ninety degree .....	1462
PPX	Ninety degree .....	1463
PPY	Ninety degree .....	1464
Q46	Ninety degree with reverse flow check - reducing .....	1466

Q48	Ninety degree with reverse flow check - reducing	.....1467
Q4D	Ninety degree with reverse flow check - reducing	.....1468
Q4E	Ninety degree with reverse flow check - reducing	.....1469
Q4F	Ninety degree with reverse flow check - reducing	.....1470
Q4L	Ninety degree with reverse flow check - reducing	.....1471
Q4M	Ninety degree with reverse flow check - reducing	.....1472
Q4N	Ninety degree with reverse flow check - reducing	.....1473
Q4R	Ninety degree with reverse flow check - reducing	.....1474
Q4S	Ninety degree with reverse flow check - reducing	.....1475
Q4W	Ninety degree with reverse flow check - reducing	.....1476
Q4X	Ninety degree with reverse flow check - reducing	.....1477
Q4Y	Ninety degree with reverse flow check - reducing	.....1478
QA5	Ninety degree with gauge port	.....1479
QA6	Ninety degree with gauge port	.....1480
QA8	Ninety degree with gauge port	.....1481
QAE	Ninety degree with gauge port	.....1482
QAF	Ninety degree with gauge port	.....1483
QAM	Ninety degree with gauge port	.....1484
QAN	Ninety degree with gauge port	.....1485
QAQ	Ninety degree with gauge port	.....1486
QAR	Ninety degree with gauge port	.....1487

QAS	Ninety degree with gauge port .....	1488
QAX	Ninety degree with gauge port .....	1489
QAY	Ninety degree with gauge port .....	1490
QC5	Ninety degree .....	1491
QC6	Ninety degree .....	1492
QC8	Ninety degree .....	1493
QCE	Ninety degree .....	1494
QCF	Ninety degree .....	1495
QCM	Ninety degree .....	1496
QCN	Ninety degree .....	1497
QCQ	Ninety degree .....	1498
QCR	Ninety degree .....	1499
QCS	Ninety degree .....	1500
QCX	Ninety degree .....	1501
QCY	Ninety degree .....	1502
QM4	Ninety degree .....	1503
QM5	Ninety degree .....	1505
QM6	Ninety degree .....	1506
QME	Ninety degree .....	1507
QMF	Ninety degree .....	1508
QMM	Ninety degree .....	1509



QMN	Ninety degree .....	1510
QMP	Ninety degree .....	1511
QMQ	Ninety degree .....	1512
QMR	Ninety degree .....	1513
QMX	Ninety degree .....	1514
QMY	Ninety degree .....	1515
QNE	Ninety degree .....	1516
QNF	Ninety degree .....	1517
QNM	Ninety degree .....	1518
QNN	Ninety degree .....	1519
QNX	Ninety degree .....	1520
QNY	Ninety degree .....	1521
QPE	Ninety degree .....	1522
QPF	Ninety degree .....	1523
QPM	Ninety degree .....	1524
QPN	Ninety degree .....	1525
QPX	Ninety degree .....	1526
QPY	Ninety degree .....	1527
U2D	Sandwich mount through port .....	1529
U2E	Sandwich mount through port .....	1531
U2G	Parallel cavities .....	1532

U2H	Parallel cavities .....	1533
U2J	Sandwich mount through port .....	1535
U2K	Sandwich mount through port .....	1536
U3D	Inline .....	1537
U3E	Flange mount through port .....	1539
U3F	Flange mount through port .....	1541
U3Q	Flange mount through port .....	1542
U4E	Sandwich mount through port .....	1543
U4U	Meter in with restrictive compensator .....	1544
U5R	Ninety degree, accepts standard and weatherized coils .....	1545
U5T	Ninety degree, accepts standard and weatherized coils .....	1546
U5U	Ninety degree, accepts standard and weatherized coils .....	1547
U5V	Ninety degree, accepts standard and weatherized coils .....	1548
U5Y	Ninety degree, accepts standard and weatherized coils .....	1549
U6A	Ninety degree .....	1550
U6B	Ninety degree .....	1551
U6C	Ninety degree .....	1552
U6D	Ninety degree .....	1553
U6E	Ninety degree .....	1554
U6F	Ninety degree .....	1555
U6G	Ninety degree .....	1556

U6H	Ninety degree .....	1557
U6J	Ninety degree .....	1558
U6U	Throttle, high capacity with bypass .....	1559
U6X	Throttle, low capacity .....	1560
U7A	Throttle, high capacity .....	1561
U7B	Throttle, low capacity with bypass .....	1562
U7E	Throttle, high capacity .....	1563
U7Y	Inline .....	1564
U7Z	Sandwich mount through port .....	1566
U8K	Ninety degree with high capacity port 3 and gauge port .....	1567
U8L	Ninety degree with high capacity port 3 and gauge port .....	1568
U8M	Ninety degree with high capacity port 3 and gauge port .....	1569
U8W	Common port 1 with coil clearance .....	1570
U8X	Common port 1 with coil clearance .....	1571
U9A	4 way, combined ports 1 to P, ports 2 to A and B, combined ports 3 to tank .....	1572
U9B	4 way, combined ports 1 to P, ports 2 to A and B, combined ports 3 to tank .....	1573
U9C	4 way, combined ports 1 to P, ports 2 to A and B, combined ports 3 to tank .....	1574
U9D	4 way, combined ports 1 to P, ports 2 to A and B, combined ports 3 to tank .....	1575
U9H	Ninety degree, accepts standard and weatherized coils .....	1576
U9J	Ninety degree, accepts standard and weatherized coils .....	1577
U9K	Ninety degree, accepts standard and weatherized coils .....	1578

U9L	Ninety degree, accepts standard and weatherized coils	.....1579
U9M	Ninety degree, accepts standard and weatherized coils	.....1580
U9N	Ninety degree, accepts standard and weatherized coils	.....1581
U9P	Ninety degree, accepts standard and weatherized coils	.....1582
U9Q	Ninety degree, accepts standard and weatherized coils	.....1583
U9R	Ninety degree, accepts standard and weatherized coils	.....1584
U9S	Ninety degree, accepts standard and weatherized coils	.....1585
U9T	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1586
U9U	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1587
U9V	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1588
U9W	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1589
U9X	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1590
U9Y	Ninety degree with reverse flow check, accepts standard and weatherized coils	.....1591
V2A	Direct mount	.....1592
V2Q	Four ports	.....1593
V2R	Four ports	.....1594
V3A	Direct mount	.....1595
VA4	Cross pilot with independent port 4s	.....1596
VA5	Cross pilot with independent port 4s	.....1597
VAD	Cross pilot with independent port 4s	.....1598
VAE	Cross pilot with independent port 4s	.....1599

VAF	Cross pilot with independent port 4s	.....	1600
VAL	Cross pilot with independent port 4s	.....	1601
VAM	Cross pilot with independent port 4s	.....	1602
VAN	Cross pilot with independent port 4s	.....	1603
VAP	Cross pilot with independent port 4s	.....	1604
VAQ	Cross pilot with independent port 4s	.....	1605
VAW	Cross pilot with independent port 4s	.....	1606
VAX	Cross pilot with independent port 4s	.....	1607
VAY	Cross pilot with independent port 4s	.....	1608
VCA	Cross port with gauge ports	.....	1609
VCB	Cross port with gauge ports	.....	1610
VCC	Cross port with gauge ports	.....	1611
VCD	Cross port with gauge ports	.....	1612
VCE	Cross port with gauge ports	.....	1613
VCI	Cross port with gauge ports	.....	1614
VCJ	Cross port with gauge ports	.....	1615
VCK	Cross port with gauge ports	.....	1616
VCL	Cross port with gauge ports	.....	1617
VCM	Cross port with gauge ports	.....	1618
VCT	Cross port with gauge ports	.....	1619
VCU	Cross port with gauge ports	.....	1620

VCV	Cross port with gauge ports	.....1621
VCW	Cross port with gauge ports	.....1622
VCX	Cross port with gauge ports	.....1623
VDA	Cross port with gauge ports	.....1624
VDB	Cross port with gauge ports	.....1625
VDC	Cross port with gauge ports	.....1626
VDI	Cross port with gauge ports	.....1627
VDJ	Cross port with gauge ports	.....1628
VDK	Cross port with gauge ports	.....1629
VDT	Cross port with gauge ports	.....1630
VDU	Cross port with gauge ports	.....1631
VDV	Cross port with gauge ports	.....1632
VEZ	Direct mount	.....1633
VFA	Direct mount, cross pilot	.....1634
VFD	Direct mount	.....1636
VFE	Direct mount	.....1638
VFG	Inline	.....1639
VFH	Inline	.....1640
VFJ	Inline	.....1641
VFK	Inline	.....1642
VFL	Inline	.....1643

VFM	Inline .....	1644
VFN	Inline .....	1645
VFP	Inline .....	1646
VFR	Inline .....	1647
VFT	Sandwich mount through port .....	1648
VFU	Through port with gauge port .....	1649
VFW	Through port with gauge port .....	1650
VGA	Series circuit, 2 to 2 .....	1651
VGB	Series circuit, 2 to 2 .....	1652
VGC	Series circuit, 2 to 2 .....	1653
VGD	Series circuit, 2 to 2 .....	1654
VGE	Series circuit, 2 to 2 .....	1655
VGJ	Series circuit, 2 to 2 .....	1656
VGH	Common port 1 .....	1657
VGI	Common port 1 .....	1658
VGJ	Common port 1 .....	1659
VGK	Common port 1 .....	1660
VGL	Common port 1 .....	1661
VGP	Common port 1 .....	1662
VGT	Inline .....	1663
VGJ	Ninety degree .....	1664

VGW	Ninety degree .....	1665
VGX	Ninety degree .....	1666
VGY	Ninety degree .....	1667
VGZ	Through port with gauge port .....	1668
VHA	Ninety degree .....	1669
VHB	Ninety degree .....	1670
VHC	Ninety degree .....	1671
VHD	Cross pilot .....	1672
VHE	Cross pilot .....	1673
VHF	Cross pilot .....	1674
VHG	Cross pilot .....	1675
VTD	Direct mount, parallel cavities .....	1676
VTH	Sandwich mount through port .....	1677
VTJ	2 cylinder sequence, direct acting .....	1678
VTK	2 cylinder sequence, direct acting .....	1679
VTL	2 cylinder sequence, direct acting .....	1680
VTN	Parallel cavities .....	1681
VTP	Parallel cavities .....	1682
VTX	Common port 1 .....	1683
VTY	Common port 1 .....	1684
VTZ	Common port 1 .....	1685



VVB	Common port 1 .....	1686
VVC	Common port 1 .....	1687
VVD	Common port 1 .....	1688
VVF	Common port 1 .....	1689
VVG	Common port 1 .....	1690
VVH	Common port 1 .....	1691
VVJ	5 signal load sense shuttle body .....	1692
VVK	5 signal load sense shuttle body .....	1693
VVL	5 signal load sense shuttle body .....	1694
VVM	6 signal load sense shuttle body .....	1695
VVN	6 signal load sense shuttle body .....	1696
VVP	6 signal load sense shuttle body .....	1697
VVQ	7 signal load sense shuttle body .....	1698
VVR	7 signal load sense shuttle body .....	1699
VVS	7 signal load sense shuttle body .....	1700
VVT	Inline, cross pilot .....	1701
VVU	Direct mount, cross port with make up checks .....	1702
VVV	3 cylinder sequence, direct acting .....	1703
VVW	3 cylinder sequence, direct acting .....	1704
VVX	3 cylinder sequence, direct acting .....	1705
VVY	3 cylinder sequence, direct acting .....	1706

VVZ	3 cylinder sequence, direct acting	.....1707
VWA	3 cylinder sequence, direct acting	.....1708
VWE	Cross pilot	.....1709
VWF	Inline, cross pilot	.....1710
VWG	Inline, cross pilot	.....1711
VWI	Inline, cross pilot	.....1712
VWL	Cross pilot, ninety degree	.....1713
VWM	Cross pilot, ninety degree	.....1714
VWN	Cross pilot, ninety degree	.....1715
VWP	Cross pilot, ninety degree	.....1716
VWQ	Cross pilot, ninety degree	.....1717
VWR	Cross pilot, ninety degree	.....1718
VWS	Cross pilot, ninety degree	.....1719
VWT	Cross pilot, ninety degree	.....1720
VWV	Cross pilot, ninety degree	.....1721
VXB	Dual bypass flow control	.....1722
VXC	Dual bypass flow control	.....1723
VXD	Dual bypass flow control	.....1724
VXF	Dual bypass flow control	.....1725
VXG	Dual bypass flow control	.....1726
VXH	Dual bypass flow control	.....1727

VXJ	Dual bypass flow control .....	1728
VXK	Dual bypass flow control .....	1729
VXL	Dual bypass flow control .....	1730
VXN	Dual bypass flow control .....	1731
VXP	Dual bypass flow control .....	1732
VXQ	Dual bypass flow control .....	1733
VXR	Dual bypass flow control .....	1734
VXS	Dual bypass flow control .....	1735
VXT	Dual bypass flow control .....	1736
VXU	Dual bypass flow control .....	1737
VXV	Dual bypass flow control .....	1738
VXW	Dual bypass flow control .....	1739
VZY	Cross pilot .....	1740
W2A	Ninety degree .....	1741
W2B	Ninety degree .....	1742
W2C	Ninety degree .....	1743
W2D	Ninety degree .....	1744
W2E	Ninety degree .....	1745
W2F	Ninety degree .....	1746
W2G	Ninety degree .....	1747
W2H	Ninety degree .....	1748

W2J	Ninety degree .....	1749
W2M	Dual with common ports 2 and 3 .....	1750
W2N	Through port with gauge port .....	1751
W2O	With bypass compensator .....	1752
W2P	With bypass compensator .....	1753
W2Q	With bypass compensator .....	1754
W2R	With bypass compensator .....	1755
W2S	With bypass compensator .....	1756
W2T	With bypass compensator .....	1757
W2U	With bypass compensator .....	1758
W2V	With bypass compensator .....	1759
W2W	With bypass compensator .....	1760
W2X	Direct mount .....	1761
W2Y	Direct mount .....	1763
W2Z	Sandwich mount through port .....	1765
W3C	Cross pilot .....	1766
W3D	Cross pilot .....	1767
W3E	Cross pilot .....	1768
W3F	Ninety degree with reverse flow check - reducing .....	1769
W3G	Ninety degree with reverse flow check - reducing .....	1770
W3H	Ninety degree with reverse flow check - reducing .....	1771

W3I	Ninety degree with reverse flow check - reducing	.....1772
W3J	Ninety degree with reverse flow check - reducing	.....1773
W3K	Ninety degree with reverse flow check - reducing	.....1774
W3L	Inline, cross pilot	.....1775
W3M	Inline, cross pilot	.....1776
W3N	Inline, cross pilot	.....1777
W3O	Inline, cross pilot	.....1778
W3P	Inline, cross pilot	.....1779
W3Q	Inline, cross pilot	.....1780
W3R	Inline, cross pilot	.....1781
W3S	Dual cavities with common ports 2, 3, and 4	.....1782
W3U	Ninety degree with high capacity port 3	.....1783
W3V	Ninety degree with high capacity port 3	.....1784
W3W	Ninety degree with high capacity port 3	.....1785
W3X	Ninety degree	.....1786
W3Y	Ninety degree	.....1787
W3Z	Ninety degree	.....1788
W4A	Sandwich mount through port	.....1789
W4B	Sandwich mount through port	.....1790
W4C	Sandwich mount through port	.....1791
W5X	Nipple mount	.....1792

W5Y	Rectifier circuit .....	1793
W5Z	Rectifier circuit .....	1794
W6A	Direct mount .....	1795
W6B	Direct mount .....	1796
W6C	Direct mount .....	1797
W6D	Direct mount .....	1798
W6E	Direct mount .....	1799
W6F	Direct mount .....	1801
W6G	Direct mount .....	1802
W6H	Direct mount .....	1803
W6K	Direct mount .....	1804
W6L	Direct mount .....	1805
W6M	Direct mount .....	1806
W6N	Direct mount .....	1808
W6O	Direct mount .....	1809
W6P	Direct mount .....	1811
W6Q	Direct mount .....	1812
W6R	Direct mount .....	1813
W6S	Direct mount .....	1815
W6T	Direct mount .....	1816
W6U	Direct mount .....	1818

W6V	Direct mount	.....	1819
W6W	Direct mount	.....	1821
W6X	Direct mount	.....	1823
W6Y	Direct mount	.....	1824
W6Z	Direct mount	.....	1825
W7A	Rectifier circuit	.....	1826
W7B	Rectifier circuit	.....	1827
W7C	Rectifier circuit	.....	1828
W7D	Rectifier circuit	.....	1829
W7E	Rectifier circuit	.....	1830
W7F	Rectifier circuit	.....	1831
W7G	Rectifier circuit	.....	1832
W7H	Rectifier circuit	.....	1833
W7I	Rectifier circuit	.....	1834
W7Q	Ninety degree, panel mount	.....	1835
W7R	Ninety degree, panel mount	.....	1836
W7S	Ninety degree, panel mount	.....	1837
W7T	Ninety degree, panel mount	.....	1838
W7U	Ninety degree, panel mount	.....	1839
W7V	Ninety degree, panel mount	.....	1840
W7W	Ninety degree, panel mount	.....	1841

W7X	Ninety degree, panel mount	.....	1842
W7Y	Ninety degree, panel mount	.....	1843
W7Z	Ninety degree, panel mount	.....	1844
W8A	Ninety degree, panel mount	.....	1845
W8B	Ninety degree, panel mount	.....	1846
W8C	Ninety degree, panel mount	.....	1847
W8D	Ninety degree, panel mount	.....	1848
W8E	Ninety degree, panel mount	.....	1849
W8F	Ninety degree, panel mount	.....	1850
W8G	Ninety degree, panel mount	.....	1851
W8H	Ninety degree, panel mount	.....	1852
W8I	Ninety degree, panel mount	.....	1853
W8J	Ninety degree, panel mount	.....	1854
W8K	Ninety degree, panel mount	.....	1855
W8L	Ninety degree, panel mount	.....	1856
W8M	Ninety degree, panel mount	.....	1857
W8N	Ninety degree	.....	1858
W8O	Ninety degree	.....	1859
W8P	Ninety degree with gauge port	.....	1860
W8Q	Inline	.....	1861
W8T	Nipple mount	.....	1862



W8U	Direct mount .....	1863
W8V	Direct mount .....	1864
W8W	Direct mount .....	1866
W8X	Direct mount .....	1868
W8Y	Direct mount .....	1870
W8Z	Direct mount .....	1871
W9A	Direct mount with gauge port .....	1872
W9E	Direct mount .....	1873
W9G	Inline .....	1874
W9H	Inline .....	1875
W9J	Nipple mount .....	1876
W9K	Ninety degree .....	1877
W9L	Ninety degree .....	1878
W9M	Ninety degree .....	1879
W9N	Direct mount, parallel cavities .....	1880
W9S	Parallel cavities .....	1881
WAI	Three ports, tee body .....	1882
WAK	Through port .....	1883
WAL	Through port .....	1884
WAM	Through port .....	1885
WAN	Nipple mount .....	1886

WBM	Direct mount with gauge port .....	1888
WBU	Sandwich mount through port .....	1889
WBV	Sandwich mount through port .....	1890
WBW	Sandwich mount through port .....	1891
WCB	Direct mount .....	1892
WCN	Direct mount .....	1894
WCP	Direct mount .....	1895
WCW	Direct mount .....	1896
WCX	Direct mount .....	1898
WDJ	Direct mount .....	1899
WFA	Direct mount, cross pilot .....	1900
WFE	Four port directional circuit using logic valves, NPT pilot ports .....	1901
WFF	Four port directional circuit using logic valves, SAE pilot ports .....	1902
WFG	Four port directional circuit using logic valves, BSP pilot ports .....	1903
WFK	Ninety degree with high capacity port 3 .....	1904
WFL	Ninety degree .....	1905
WFM	Ninety degree .....	1906
WFN	Ninety degree .....	1907
WFO	Ninety degree .....	1908
WFP	Ninety degree .....	1909
WFQ	Ninety degree .....	1910

WFR	Ninety degree .....	1911
WFS	Ninety degree .....	1912
WFT	Ninety degree .....	1913
WFU	Ninety degree .....	1914
WFO	Ninety degree .....	1915
WFW	Ninety degree .....	1916
WFX	Sandwich mount through port .....	1917
WFZ	Sandwich mount through port .....	1918
WGB	Ninety degree .....	1919
WGC	Sandwich/flange mount through port .....	1920
WGD	Sandwich mount through port .....	1921
WGF	Sandwich mount through port .....	1922
WGG	Sandwich mount through port .....	1923
WGH	Sandwich mount through port .....	1924
WGL	Direct mount .....	1925
WGT	Direct mount .....	1927
WGY	Direct mount .....	1928
WGZ	Direct mount .....	1929
WHA	Direct mount .....	1931
WHB	Ninety degree with gauge port .....	1932
WHT	Nipple mount .....	1933

WHV	Nipple mount .....	1934
WHW	Nipple mount .....	1935
WJM	Sandwich mount through port .....	1937
WJN	Ninety degree .....	1938
WNG	Direct mount .....	1939
WNI	With bypass compensator .....	1940
WNJ	With bypass compensator .....	1941
WNK	With bypass compensator .....	1942
WNL	With bypass compensator .....	1943
WNM	With bypass compensator .....	1944
WNN	With bypass compensator .....	1945
WNO	With bypass compensator .....	1946
WNP	With bypass compensator .....	1947
WNQ	With bypass compensator .....	1948
WNR	Dual through port .....	1949
WNS	Dual through port .....	1950
WNT	Dual through port .....	1951
WNU	Dual through port .....	1952
WNV	Dual through port .....	1953
WNW	Dual through port .....	1954
WNX	Dual through port .....	1955

WNY	Dual through port .....	1956
WNZ	Dual through port .....	1957
WPD	Direct mount, cross pilot .....	1958
WPE	Nipple mount .....	1959
WPF	Common port 1 .....	1960
WPH	Sandwich mount - special .....	1961
WPI	Ninety degree .....	1962
WPJ	Ninety degree .....	1963
WPK	Ninety degree .....	1964
WPL	Ninety degree .....	1965
WPM	Ninety degree .....	1966
WPN	Ninety degree .....	1967
WPO	Inline, cross pilot .....	1968
WPP	Inline, cross pilot .....	1969
WPQ	Inline, cross pilot .....	1970
WPR	Inline, cross pilot .....	1971
WPS	Inline, cross pilot .....	1972
WPT	Inline, cross pilot .....	1973
WPU	Inline, cross pilot .....	1974
WPV	Inline, cross pilot .....	1975
WPW	Inline, cross pilot .....	1976

WPX	Inline, cross pilot	.....	1977
WPY	Inline, cross pilot	.....	1978
WPZ	Inline, cross pilot	.....	1979
WQA	Direct mount	.....	1980
WQT	Direct mount	.....	1981
WQU	Direct mount	.....	1982
WQW	Direct mount	.....	1984
WRA	Direct mount, through port 2	.....	1985
WRB	Direct mount, through port 2	.....	1986
WRC	Direct mount, through port 2	.....	1987
WRD	Direct mount, through port 2	.....	1988
WRF	Direct mount, through port 2	.....	1990
WRG	Direct mount	.....	1991
WRH	Direct mount	.....	1992
WRI	Direct mount	.....	1993
WRM	Through port 2 with gauge port	.....	1994
WRN	Through port 2 with gauge port	.....	1995
WRO	Through port 2 with gauge port	.....	1996
WRP	Through port 2 with gauge port	.....	1997
WRQ	Through port 2 with gauge port	.....	1998
WRR	Through port 2 with gauge port	.....	1999

WRS	Through port 2 with gauge port	.....	2000
WRT	Through port 2 with gauge port	.....	2001
WRU	Through port 2 with gauge port	.....	2002
WRX	Through port 2 with gauge port	.....	2003
WRY	Through port 2 with gauge port	.....	2004
WRZ	Through port 2 with gauge port	.....	2005
WSB	Through port 2 with gauge port	.....	2006
WSC	Through port 2 with gauge port	.....	2007
WSD	Through port 2 with gauge port	.....	2008
WSE	Through port 2 with gauge port	.....	2009
WSF	Through port 2 with gauge port	.....	2010
WSG	Through port 2 with gauge port	.....	2011
WSH	Through port 2 with gauge port	.....	2012
WSI	Through port 2 with gauge port	.....	2013
WSJ	Through port 2 with gauge port	.....	2014
WSK	Through port 2 with gauge port	.....	2015
WSL	Through port 2 with gauge port	.....	2016
WSM	Through port 2 with gauge port	.....	2017
WSN	Through port 2 with high capacity port 3 and gauge port	.....	2018
WSO	Through port 2 with high capacity port 3 and gauge port	.....	2019
WSP	Through port 2 with high capacity port 3 and gauge port	.....	2020

WSQ	Through port 2 with high capacity port 3 and gauge port	.....2021
WSR	Through port 2 with high capacity port 3 and gauge port	.....2022
WSS	Through port 2 with high capacity port 3 and gauge port	.....2023
WST	Through port 2 with high capacity port 3 and gauge port	.....2024
WSU	Through port 2 with high capacity port 3 and gauge port	.....2025
WSV	Through port 2 with high capacity port 3 and gauge port	.....2026
WSW	Through port 2 with gauge port	.....2027
WSX	Through port 2 with gauge port	.....2028
WSY	Through port 2 with gauge port	.....2029
WSZ	Through port 2 with gauge port	.....2030
WTA	Through port 2 with gauge port	.....2031
WTB	Through port 2 with gauge port	.....2032
WTC	Through port 2 with gauge port	.....2033
WTD	Through port 2 with gauge port	.....2034
WTE	Through port 2 with gauge port	.....2035
WTF	Through port 2 with high capacity port 3 and gauge port	.....2036
WTG	Through port 2 with high capacity port 3 and gauge port	.....2037
WTH	Through port 2 with high capacity port 3 and gauge port	.....2038
WTI	Through port 2 with high capacity port 3 and gauge port	.....2039
WTJ	Through port 2 with high capacity port 3 and gauge port	.....2040
WTK	Through port 2 with high capacity port 3 and gauge port	.....2041



WTL	Through port 2 with high capacity port 3 and gauge port	.....2042
WTM	Through port 2 with high capacity port 3 and gauge port	.....2043
WTN	Through port 2 with high capacity port 3 and gauge port	.....2044
WTO	Through port 2 with gauge port	.....2045
WTP	Through port 2 with gauge port	.....2046
WTQ	Through port 2 with gauge port	.....2047
WTR	Through port 2 with gauge port	.....2048
WTS	Through port 2 with gauge port	.....2049
WTT	Through port 2 with gauge port	.....2050
WTU	Through port 2 with high capacity port 3 and gauge port	.....2051
WTV	Through port 2 with high capacity port 3 and gauge port	.....2052
WTW	Through port 2 with high capacity port 3 and gauge port	.....2053
WTX	Through port 2 with high capacity port 3 and gauge port	.....2054
WTY	Through port 2 with high capacity port 3 and gauge port	.....2055
WTZ	Through port 2 with high capacity port 3 and gauge port	.....2056
WVM	Through port	.....2057
WXN	Ninety degree with gauge port	.....2058
WXP	Flange mount through port	.....2059
WXQ	Flange mount through port	.....2060
WXS	Sandwich mount through port	.....2061
WXT	Sandwich mount through port	.....2062

WXV	Flange mount through port	.....	2063
WXW	Flange mount through port	.....	2064
WXY	Sandwich mount through port	.....	2065
WXZ	Sandwich mount through port	.....	2066
WYA	Sandwich mount through port	.....	2068
WYB	Sandwich mount through port	.....	2069
WYD	Flange mount through port	.....	2070
WYE	Flange mount through port	.....	2071
WYF	Sandwich mount through port	.....	2072
WYG	Sandwich mount through port	.....	2073
WYH	Sandwich mount through port	.....	2074
WYJ	Flange mount through port	.....	2075
WYK	Flange mount through port	.....	2076
WYM	Sandwich mount through port	.....	2077
WYN	Sandwich mount through port	.....	2078
WYP	Flange mount through port	.....	2079
WYQ	Flange mount through port	.....	2080
WYR	Sandwich mount through port	.....	2081
WYS	Sandwich mount through port	.....	2082
WYT	Sandwich mount through port	.....	2083
WYV	Flange mount through port	.....	2084

WYW	Flange mount through port .....	2085
WYY	Flange mount through port .....	2086
WYZ	Flange mount through port .....	2087
X2G	Dual cavity .....	2088
X2H	Dual cavity .....	2089
X2I	Dual cavity .....	2090
X2J	Dual cavity .....	2091
X2K	Dual cavity .....	2092
X2L	Dual cavity .....	2093
X2M	Dual cavity .....	2094
X3G	Ninety degree with gauge port .....	2095
X3S	Direct mount .....	2096
X3T	Through port 3 .....	2097
X3U	Through port 3 .....	2098
X3V	Through port 3 .....	2099
X3W	Through port 3 .....	2100
X3X	Cross pilot .....	2101
X3Y	Cross pilot .....	2102
X3Z	Cross pilot .....	2103
X4A	Through port 3 .....	2104
X4B	Through port 3 .....	2105

X4C	Through port 3 .....	2106
X4D	Through port 3 .....	2107
X4E	Direct mount .....	2108
X4F	Direct mount .....	2109
X4G	Direct mount .....	2110
X4H	Direct mount .....	2111
X4I	Through port 2 with gauge port .....	2112
X4J	Through port 2 with gauge port .....	2113
X4K	Through port 2 with gauge port .....	2114
X4L	Direct mount .....	2115
X4M	Direct mount .....	2116
X4N	Direct mount .....	2117
X5G	Ninety degree with reverse flow check .....	2118
X5H	Ninety degree with reverse flow check .....	2119
X5J	Ninety degree with reverse flow check .....	2120
X5K	Ninety degree with reverse flow check .....	2121
X5L	Ninety degree with reverse flow check .....	2122
X5M	Ninety degree with reverse flow check .....	2123
X5N	Ninety degree with reverse flow check .....	2124
X5P	Ninety degree with reverse flow check .....	2125
X5Q	Ninety degree with reverse flow check .....	2126

X5Y	Through port 2 with gauge port .....	2127
X5Z	Through port 2 with gauge port .....	2128
X6A	Through port 2 with gauge port .....	2129
X6N	Nipple mount .....	2130
X7T	Cross pilot with shuttle .....	2131
X8C	Through port 3 .....	2132
X8F	Sandwich mount through port .....	2133
X8Y	Ninety degree .....	2134
X8Z	Ninety degree .....	2135
X9A	Ninety degree .....	2136
X9B	Ninety degree .....	2137
X9J	Direct mount, cross pilot .....	2139
X9X	Sandwich mount through port .....	2141
XAA	Inline, cross pilot .....	2142
XAB	Inline, cross pilot .....	2143
XAC	Inline, cross pilot .....	2144
XAD	Inline, cross pilot .....	2145
XAI	Inline, cross pilot .....	2146
XAJ	Inline, cross pilot .....	2147
XAK	Inline, cross pilot .....	2148
XAL	Inline, cross pilot .....	2149

XAT	Inline, cross pilot .....	2150
XAU	Inline, cross pilot .....	2151
XAV	Inline, cross pilot .....	2152
XAW	Inline, cross pilot .....	2153
XBB	Cross port with shuttle on port 3s .....	2154
XBC	Cross port with shuttle on port 3s .....	2155
XBD	Cross port with shuttle on port 3s .....	2156
XBE	Cross port with shuttle on port 3s .....	2157
XBI	Cross port with shuttle on port 3s .....	2158
XBJ	Cross port with shuttle on port 3s .....	2159
XBK	Cross port with shuttle on port 3s .....	2160
XBL	Cross port with shuttle on port 3s .....	2161
XBM	Cross port with shuttle on port 3s .....	2162
XBU	Cross port with shuttle on port 3s .....	2163
XBV	Cross port with shuttle on port 3s .....	2164
XBW	Cross port with shuttle on port 3s .....	2165
XBX	Cross port with shuttle on port 3s .....	2166
XC4	Cross port with shuttle on port 3s .....	2168
XC5	Cross port with shuttle on port 3s .....	2169
XCA	Ninety degree .....	2170
XCB	Ninety degree .....	2171

XCC	Ninety degree .....	2172
XCD	Cross port with shuttle on port 3s .....	2173
XCE	Cross port with shuttle on port 3s .....	2174
XCF	Cross port with shuttle on port 3s .....	2175
XCL	Cross port with shuttle on port 3s .....	2176
XCM	Cross port with shuttle on port 3s .....	2177
XCN	Cross port with shuttle on port 3s .....	2178
XCP	Cross port with shuttle on port 3s .....	2179
XCQ	Cross port with shuttle on port 3s .....	2180
XCW	Cross port with shuttle on port 3s .....	2181
XCX	Cross port with shuttle on port 3s .....	2182
XCY	Cross port with shuttle on port 3s .....	2183
XDB	Ninety degree .....	2184
XDC	Ninety degree .....	2185
XDD	Four ports .....	2186
XDE	Six ports .....	2187
XDG	Ninety degree .....	2188
XDH	Ninety degree .....	2189
XDI	Four ports .....	2190
XDJ	Six ports .....	2191
XEA	Inline, cross pilot .....	2192

XEB	Inline, cross pilot	.....2193
XEI	Inline, cross pilot	.....2194
XEJ	Inline, cross pilot	.....2195
XET	Inline, cross pilot	.....2196
XEU	Inline, cross pilot	.....2197
XEV	Inline, cross pilot	.....2198
XFA	Cross pilot with independent port 4s	.....2199
XFB	Cross pilot with independent port 4s	.....2200
XFC	Cross pilot with independent port 4s	.....2201
XFI	Cross pilot with independent port 4s	.....2202
XFJ	Cross pilot with independent port 4s	.....2203
XFK	Cross pilot with independent port 4s	.....2204
XFT	Cross pilot with independent port 4s	.....2205
XFU	Cross pilot with independent port 4s	.....2206
XFV	Cross pilot with independent port 4s	.....2207
XGA	Inline, cross pilot with shuttle	.....2208
XGB	Inline, cross pilot with shuttle	.....2209
XGI	Inline, cross pilot with shuttle	.....2210
XGJ	Inline, cross pilot with shuttle	.....2211
XGT	Inline, cross pilot with shuttle	.....2212
XGU	Inline, cross pilot with shuttle	.....2213



XHA	Inline, cross pilot with shuttle	.....2214
XHB	Inline, cross pilot with shuttle	.....2215
XHC	Inline, cross pilot with shuttle	.....2216
XHD	Inline, cross pilot with shuttle	.....2217
XHI	Inline, cross pilot with shuttle	.....2218
XHJ	Inline, cross pilot with shuttle	.....2219
XHK	Inline, cross pilot with shuttle	.....2220
XHL	Inline, cross pilot with shuttle	.....2221
XHT	Inline, cross pilot with shuttle	.....2222
XHU	Inline, cross pilot with shuttle	.....2223
XHV	Inline, cross pilot with shuttle	.....2224
XHW	Inline, cross pilot with shuttle	.....2225
XIA	Cross pilot with common port 4s	.....2226
XIB	Cross pilot with common port 4s	.....2227
XIC	Cross pilot with common port 4s	.....2228
XID	Cross pilot with common port 4s	.....2229
XII	Cross pilot with common port 4s	.....2230
XIJ	Cross pilot with common port 4s	.....2231
XIK	Cross pilot with common port 4s	.....2232
XIL	Cross pilot with common port 4s	.....2233
XIT	Cross pilot with common port 4s	.....2234

XIU	Cross pilot with common port 4s	.....	2235
XIV	Cross pilot with common port 4s	.....	2236
XIW	Cross pilot with common port 4s	.....	2237
XJD	Inline, cross pilot	.....	2238
XJE	Inline, cross pilot	.....	2239
XJL	Inline, cross pilot	.....	2240
XJM	Inline, cross pilot	.....	2241
XJP	Inline, cross pilot	.....	2242
XJW	Inline, cross pilot	.....	2243
XJX	Inline, cross pilot	.....	2244
XKD	Inline, cross pilot with shuttle	.....	2245
XKE	Inline, cross pilot with shuttle	.....	2246
XKL	Inline, cross pilot with shuttle	.....	2247
XKM	Inline, cross pilot with shuttle	.....	2248
XKP	Inline, cross pilot with shuttle	.....	2249
XKW	Inline, cross pilot with shuttle	.....	2250
XKX	Inline, cross pilot with shuttle	.....	2251
XL6	Cross pilot with common port 4s	.....	2252
XL8	Cross pilot with common port 4s	.....	2253
XLE	Cross pilot with common port 4s	.....	2254
XLF	Cross pilot with common port 4s	.....	2255

XML	Cross pilot with common port 4s	.....2256
XLN	Cross pilot with common port 4s	.....2257
XLR	Cross pilot with common port 4s	.....2258
XLS	Cross pilot with common port 4s	.....2259
XLX	Cross pilot with common port 4s	.....2260
XLY	Cross pilot with common port 4s	.....2261
XM4	Cross pilot with common port 4s	.....2262
XM5	Cross pilot with common port 4s	.....2263
XME	Cross pilot with common port 4s	.....2264
XMF	Cross pilot with common port 4s	.....2265
XML	Cross pilot with common port 4s	.....2266
XMM	Cross pilot with common port 4s	.....2267
XMN	Cross pilot with common port 4s	.....2268
XMP	Cross pilot with common port 4s	.....2269
XMQ	Cross pilot with common port 4s	.....2270
XMW	Cross pilot with common port 4s	.....2271
XX	Cross pilot with common port 4s	.....2272
XMY	Cross pilot with common port 4s	.....2273
XNA	Cross port with shuttle on port 3s	.....2274
XOA	Cross port with shuttle on port 3s	.....2275
XOB	Cross port with shuttle on port 3s	.....2276

XOC	Cross port with shuttle on port 3s	.....2277
XOD	Cross port with shuttle on port 3s	.....2278
XOI	Cross port with shuttle on port 3s	.....2279
XOJ	Cross port with shuttle on port 3s	.....2280
XOK	Cross port with shuttle on port 3s	.....2281
XOL	Cross port with shuttle on port 3s	.....2282
XOT	Cross port with shuttle on port 3s	.....2283
XOU	Cross port with shuttle on port 3s	.....2284
XOV	Cross port with shuttle on port 3s	.....2285
XOW	Cross port with shuttle on port 3s	.....2286
XPA	Cross pilot with common port 4s	.....2287
XPB	Cross pilot with common port 4s	.....2288
XPC	Cross pilot with common port 4s	.....2289
XPI	Cross pilot with common port 4s	.....2290
XPJ	Cross pilot with common port 4s	.....2291
XPK	Cross pilot with common port 4s	.....2292
XPT	Cross pilot with common port 4s	.....2293
XPU	Cross pilot with common port 4s	.....2294
XPV	Cross pilot with common port 4s	.....2295
XRA	Cross pilot with independent port 4s	.....2296
XRB	Cross pilot with independent port 4s	.....2297

XRC	Cross pilot with independent port 4s	.....2298
XRD	Cross pilot with independent port 4s	.....2299
XRI	Cross pilot with independent port 4s	.....2300
XRJ	Cross pilot with independent port 4s	.....2301
XRK	Cross pilot with independent port 4s	.....2302
XRL	Cross pilot with independent port 4s	.....2303
XRT	Cross pilot with independent port 4s	.....2304
XRU	Cross pilot with independent port 4s	.....2305
XRV	Cross pilot with independent port 4s	.....2306
XRW	Cross pilot with independent port 4s	.....2307
XS6	Cross pilot with independent port 4s	.....2308
XS8	Cross pilot with independent port 4s	.....2309
XSE	Cross pilot with independent port 4s	.....2310
XSF	Cross pilot with independent port 4s	.....2311
XSM	Cross pilot with independent port 4s	.....2312
XSN	Cross pilot with independent port 4s	.....2313
XSR	Cross pilot with independent port 4s	.....2314
XSS	Cross pilot with independent port 4s	.....2315
XSX	Cross pilot with independent port 4s	.....2316
XSY	Cross pilot with independent port 4s	.....2317
XTG	Direct mount	.....2318

XTH	Direct mount .....	2320
XTP	Dual bypass flow control .....	2321
XTQ	Direct mount, cross pilot, 2 gasket ports .....	2322
XVD	Direct mount, parallel cavities .....	2323
XVF	Inline, cross pilot .....	2324
XVG	Inline, cross pilot .....	2325
XVH	Inline, cross pilot .....	2326
XVI	Inline, cross pilot .....	2327
XVJ	Inline, cross pilot .....	2328
XVK	Inline, cross pilot .....	2329
XVR	4 signal load sense shuttle body .....	2330
XVS	4 signal load sense shuttle body .....	2331
XVT	4 signal load sense shuttle body .....	2332
XVV	3 signal load sense shuttle body .....	2333
XVW	3 signal load sense shuttle body .....	2334
XVX	3 signal load sense shuttle body .....	2335
XVY	Nipple mount .....	2336
XVZ	Nipple mount .....	2337
XWA	Bidirectional .....	2338
XWB	Bidirectional .....	2339
XWC	Bidirectional .....	2340

XWD	Bidirectional .....	2341
XWF	Bidirectional .....	2342
XWG	Bidirectional .....	2343
XWH	Bidirectional .....	2344
XWJ	Bidirectional .....	2345
XWK	Bidirectional .....	2346
XWL	Bidirectional .....	2347
XWM	Bidirectional .....	2348
XWN	Bidirectional .....	2349
XWP	Bidirectional .....	2350
XWQ	Bidirectional .....	2351
XWR	Bidirectional .....	2352
XZM	Dual bypass flow control .....	2353
XZP	Inline, cross pilot .....	2354
XZQ	Inline, cross pilot with shuttle .....	2356
XZR	Inline, cross pilot .....	2357
XZS	Inline, cross pilot with shuttle .....	2358
XZV	Direct mount, cross pilot, 2 gasket ports .....	2359
XZY	Parallel cavities .....	2360
XZZ	Parallel cavities .....	2361
Y2K	Cross pilot .....	2362

Y6B	Cross pilot with shuttle	.....2363
Y6C	Cross pilot on B with shuttle	.....2364
Y6D	Cross pilot with shuttle	.....2365
Y6J	Cross pilot with shuttle	.....2366
Y6K	Cross pilot with shuttle	.....2367
Y6L	Cross pilot with shuttle	.....2368
Y6U	Cross pilot with shuttle	.....2369
Y6V	Cross pilot with shuttle	.....2370
YAA	Cross pilot	.....2371
YAB	Cross pilot	.....2372
YAC	Cross pilot	.....2373
YAD	Cross pilot	.....2374
YAI	Cross pilot	.....2375
YAJ	Cross pilot	.....2376
YAK	Cross pilot	.....2377
YAL	Cross pilot	.....2378
YAO	Direct mount, cross pilot	.....2379
YAT	Cross pilot	.....2380
YAU	Cross pilot	.....2381
YAV	Cross pilot	.....2382
YAW	Cross pilot	.....2383



YBA	Cross port .....	2384
YBB	Cross port .....	2385
YBC	Cross port .....	2386
YBD	Cross port .....	2387
YBE	Cross port with gauge ports .....	2388
YBI	Cross port .....	2389
YBJ	Cross port .....	2390
YBK	Cross port .....	2391
YBM	Cross port with gauge ports .....	2392
YBO	Cross port .....	2393
YBT	Cross port .....	2394
YBU	Cross port .....	2395
YBV	Cross port .....	2396
YBW	Cross port with gauge ports .....	2397
YBX	Cross port with gauge ports .....	2398
YBZ	Cross port .....	2399
YC4	Cross port with gauge ports .....	2400
YC5	Cross port with gauge ports .....	2401
YCD	Cross port with gauge ports .....	2402
YCE	Cross port with gauge ports .....	2403
YCL	Cross port with gauge ports .....	2404

YCM	Cross port with gauge ports	.....2405
YCP	Cross port with gauge ports	.....2406
YCQ	Cross port with gauge ports	.....2407
YCW	Cross port with gauge ports	.....2408
YCX	Cross port with gauge ports	.....2409
YEA	Cross pilot	.....2410
YEB	Cross pilot	.....2411
YEC	Cross pilot	.....2412
YEI	Cross pilot	.....2413
YEJ	Cross pilot	.....2414
YEK	Cross pilot	.....2415
YET	Cross pilot	.....2416
YEU	Cross pilot	.....2417
YEV	Cross pilot	.....2418
YF3	Cross port with gauge ports	.....2419
YF4	Cross port with gauge ports	.....2420
YFA	Cross port	.....2421
YFB	Cross port	.....2422
YFC	Cross port	.....2423
YFD	Cross port	.....2424
YFE	Cross port	.....2425

YFH	Cross port .....	2426
YFI	Cross port .....	2427
YFJ	Cross port .....	2428
YFK	Cross port .....	2429
YFL	Cross port .....	2430
YFM	Cross port .....	2431
YFO	Cross port with gauge ports .....	2432
YFP	Cross port with gauge ports .....	2433
YFT	Cross port .....	2434
YFU	Cross port .....	2435
YFV	Cross port .....	2436
YFW	Cross port .....	2437
YFX	Cross port .....	2438
YGA	Cross pilot with shuttle .....	2439
YGB	Cross pilot with shuttle .....	2440
YGC	Cross pilot with shuttle .....	2441
YGI	Cross pilot with shuttle .....	2442
YGJ	Cross pilot with shuttle .....	2443
YGK	Cross pilot with shuttle .....	2444
YGT	Cross pilot with shuttle .....	2445
YGU	Cross pilot with shuttle .....	2446

YGV	Cross pilot with shuttle	.....2447
YHC	Cross pilot with shuttle	.....2448
YHD	Cross pilot with shuttle	.....2449
YHK	Cross pilot with shuttle	.....2450
YHL	Cross pilot with shuttle	.....2451
YHV	Cross pilot with shuttle	.....2452
YHW	Cross pilot with shuttle	.....2453
YI6	Cross port with gauge ports	.....2454
YI8	Cross port with gauge ports	.....2455
YIF	Cross port with gauge ports	.....2456
YIN	Cross port with gauge ports	.....2457
YIR	Cross port with gauge ports	.....2458
YIS	Cross port with gauge ports	.....2459
YIY	Cross port with gauge ports	.....2460
YJ4	Cross pilot	.....2461
YJ5	Cross pilot	.....2462
YJD	Cross pilot	.....2463
YJE	Cross pilot	.....2464
YJF	Cross pilot	.....2465
YJJ	Cross pilot	.....2466
YJL	Cross pilot	.....2467

YJM	Cross pilot	.....	2468
YJN	Cross pilot	.....	2469
YJP	Cross pilot	.....	2470
YJQ	Cross pilot	.....	2471
YJW	Cross pilot	.....	2472
YJX	Cross pilot	.....	2473
YJY	Cross pilot	.....	2474
YK4	Cross pilot with shuttle	.....	2476
YK5	Cross pilot with shuttle	.....	2477
YKD	Cross pilot with shuttle	.....	2478
YKE	Cross pilot with shuttle	.....	2479
YKF	Cross pilot with shuttle	.....	2480
YKL	Cross pilot with shuttle	.....	2481
YKM	Cross pilot with shuttle	.....	2482
YKN	Cross pilot with shuttle	.....	2483
YKP	Cross port with shuttle	.....	2484
YKQ	Cross pilot with shuttle	.....	2485
YKW	Cross pilot with shuttle	.....	2486
YKX	Cross pilot with shuttle	.....	2487
YKY	Cross pilot with shuttle	.....	2488
YL6	Cross port with gauge ports	.....	2489

YL8	Cross port with gauge ports	.....	2490
YLR	Cross port with gauge ports	.....	2491
YLS	Cross port with gauge ports	.....	2492
YM6	Cross pilot	.....	2493
YME	Cross pilot	.....	2494
YMF	Cross pilot	.....	2495
YMM	Cross pilot	.....	2496
YMN	Cross pilot	.....	2497
YMR	Cross pilot	.....	2498
YMS	Cross pilot	.....	2499
YMX	Cross pilot	.....	2500
YMY	Cross pilot	.....	2501
YN6	Cross pilot with shuttle	.....	2502
YNE	Cross pilot with shuttle	.....	2503
YNF	Cross pilot with shuttle	.....	2504
YNM	Cross pilot with shuttle	.....	2505
YNN	Cross pilot with shuttle	.....	2506
YNR	Cross pilot with shuttle	.....	2508
YNS	Cross pilot with shuttle	.....	2509
YNX	Cross pilot with shuttle	.....	2510
YNY	Cross pilot with shuttle	.....	2511

YPF	Four port directional circuit using logic valves, BSP pilot ports	.....2512
YPG	Four port directional circuit using logic valves, BSP pilot ports	.....2513
YPH	Four port directional circuit using logic valves, BSP pilot ports	.....2514
YPJ	Four port directional circuit using logic valves, SAE pilot ports	.....2515
YPK	Four port directional circuit using logic valves, SAE pilot ports	.....2516
YPL	Four port directional circuit using logic valves, SAE pilot ports	.....2517
YPM	Four port directional circuit using logic valves, BSP pilot ports	.....2518
YPN	Four port directional circuit using logic valves, NPT pilot ports	.....2519
YPO	Four port directional circuit using logic valves, NPT pilot ports	.....2520
YPP	Four port directional circuit using logic valves, BSP pilot ports	.....2521
YPQ	Four port directional circuit using logic valves, BSP pilot ports	.....2522
YPS	Four port directional circuit using logic valves, NPT pilot ports	.....2523
YPT	Four port directional circuit using logic valves, SAE pilot ports	.....2524
YPV	Four port directional circuit using logic valves, SAE pilot ports	.....2525
YPW	Four port directional circuit using logic valves, SAE pilot ports	.....2526
YPX	Four port directional circuit using logic valves, NPT pilot ports	.....2527
YPY	Four port directional circuit using logic valves, NPT pilot ports	.....2528
YPZ	Four port directional circuit using logic valves, NPT pilot ports	.....2529
YQB	Four port directional circuit using logic valves, NPT pilot ports	.....2530
YQC	Four port directional circuit using logic valves, SAE pilot ports	.....2531
YQD	Four port directional circuit using logic valves, BSP pilot ports	.....2532

YQF	Four port directional circuit using logic valves, SAE pilot ports	.....2533
YQG	Four port directional circuit using logic valves, BSP pilot ports	.....2534
YQH	Four port directional circuit using logic valves, SAE pilot ports	.....2535
YQJ	Four port directional circuit using logic valves, BSP pilot ports	.....2536
YQK	Four port directional circuit using logic valves, BSP pilot ports	.....2537
YQL	Four port directional circuit using logic valves, SAE pilot ports	.....2538
YQM	Four port directional circuit using logic valves, BSP pilot ports	.....2539
YQN	Four port directional circuit using logic valves, SAE pilot ports	.....2540
YQO	Four port directional circuit using logic valves, NPT pilot ports	.....2541
YQP	Four port directional circuit using logic valves, BSP pilot ports	.....2542
YQQ	Four port directional circuit using logic valves, BSP pilot ports	.....2543
YQR	Four port directional circuit using logic valves, SAE pilot ports	.....2544
YQS	Four port directional circuit using logic valves, NPT pilot ports	.....2545
YQT	Four port directional circuit using logic valves, SAE pilot ports	.....2546
YQV	Four port directional circuit using logic valves, SAE pilot ports	.....2547
YQW	Four port directional circuit using logic valves, SAE pilot ports	.....2548
YQX	Four port directional circuit using logic valves, NPT pilot ports	.....2549
YQY	Four port directional circuit using logic valves, NPT pilot ports	.....2550
YQZ	Four port directional circuit using logic valves, NPT pilot ports	.....2551
YRB	Four port directional circuit using logic valves, NPT pilot ports	.....2552
YRC	Four port directional circuit using logic valves, SAE pilot ports	.....2553



YRD	Four port directional circuit using logic valves, SAE pilot ports	.....2554
YRF	Four port directional circuit using logic valves, SAE pilot ports	.....2555
YRG	Four port directional circuit using logic valves, BSP pilot ports	.....2556
YRH	Four port directional circuit using logic valves, SAE pilot ports	.....2557
YRJ	Four port directional circuit using logic valves, BSP pilot ports	.....2558
YRK	Four port directional circuit using logic valves, BSP pilot ports	.....2559
YRL	Four port directional circuit using logic valves, SAE pilot ports	.....2560
YRM	Four port directional circuit using logic valves, BSP pilot ports	.....2561
YRN	Four port directional circuit using logic valves, SAE pilot ports	.....2562
YRO	Four port directional circuit using logic valves, NPT pilot ports	.....2563
YRP	Four port directional circuit using logic valves, BSP pilot ports	.....2564
YRQ	Four port directional circuit using logic valves, BSP pilot ports	.....2565
YRR	Four port directional circuit using logic valves, SAE pilot ports	.....2566
YRS	Four port directional circuit using logic valves, NPT pilot ports	.....2567
YRT	Four port directional circuit using logic valves, SAE pilot ports	.....2568
YRV	Four port directional circuit using logic valves, SAE pilot ports	.....2569
YRW	Four port directional circuit using logic valves, SAE pilot ports	.....2570
YRX	Four port directional circuit using logic valves, NPT pilot ports	.....2571
YRY	Four port directional circuit using logic valves, NPT pilot ports	.....2572
YRZ	Four port directional circuit using logic valves, NPT pilot ports	.....2573
YSC	Rectifier circuit	.....2574

YSD	Rectifier circuit .....	2575
YSE	Rectifier circuit .....	2576
YSF	Rectifier circuit .....	2577
YSG	Rectifier circuit .....	2578
YSH	Rectifier circuit .....	2579
YSI	Rectifier circuit .....	2580
YSJ	Rectifier circuit .....	2581
YSK	Rectifier circuit .....	2582
YSL	Rectifier circuit .....	2583
YSM	Rectifier circuit .....	2584
YSN	Rectifier circuit .....	2585
YSO	Rectifier circuit .....	2586
YSP	Rectifier circuit .....	2587
YSQ	Rectifier circuit .....	2588
YSR	Rectifier circuit .....	2589
YSS	Rectifier circuit .....	2590
YST	Rectifier circuit .....	2591
YSU	Rectifier circuit .....	2592
YSV	Rectifier circuit .....	2593
YSW	Rectifier circuit .....	2594
YSX	Rectifier circuit .....	2595

YSY	Rectifier circuit .....	2596
YSZ	Rectifier circuit .....	2597
YTO	Direct mount, cross pilot, 2 gasket ports .....	2598
YVC	Cross pilot .....	2599
YVD	Cross pilot .....	2600
YVF	Cross pilot .....	2601
YVG	Cross pilot .....	2602
YVH	Cross pilot .....	2603
YVI	Direct mount, cross pilot, 2 gasket ports .....	2604
YVJ	Direct mount, cross pilot, 2 gasket ports .....	2605
YVZ	Direct mount, cross port, 2 gasket ports .....	2606
YWE	Dual bypass flow control .....	2607
YWF	Direct mount, cross pilot .....	2608
YWG	P to T .....	2609
YWK	Direct mount, cross pilot, 2 gasket ports .....	2610
YWO	Direct mount, cross pilot, 2 gasket ports .....	2611
YWX	Direct mount, cross pilot, 2 gasket ports .....	2612
YWZ	Parallel cavities .....	2613
YXA	Parallel cavities .....	2614
YXI	Parallel cavities .....	2615
YXN	Parallel cavities .....	2616

YXP	Common port 1 .....	2617
YYN	Direct mount, parallel cavities .....	2618
YYS	Direct mount, parallel cavities .....	2619
YYT	Common port 2 .....	2620
YYY	Cross port with gauge ports .....	2621
YYZ	Rectifier circuit .....	2622
YZC	Parallel cavities .....	2623
YZU	Parallel cavities .....	2624
Z2A	Nipple mount .....	2625
Z2B	Nipple mount .....	2626
Z2C	Nipple mount .....	2627
Z2M	With bypass compensator .....	2628
Z2N	With bypass compensator .....	2629
Z2O	With bypass compensator .....	2630
Z2P	With bypass compensator .....	2631
Z2Q	With bypass compensator .....	2632
Z2R	With bypass compensator .....	2633
Z2S	With bypass compensator .....	2634
Z2T	With bypass compensator .....	2635
Z2U	With bypass compensator .....	2636
Z2V	With bypass compensator .....	2637

Z2W	With bypass compensator .....	2639
Z2X	With bypass compensator .....	2641
Z2Y	With bypass compensator .....	2642
Z2Z	With bypass compensator .....	2643
Z3C	Direct mount .....	2644
Z3E	Ninety degree .....	2645
Z3H	Direct mount .....	2647
Z3J	Direct mount .....	2648
Z3K	Direct mount .....	2649
Z3T	Ninety degree with reverse flow check - reducing .....	2650
Z3V	Ninety degree with reverse flow check - reducing .....	2651
Z3W	Direct mount .....	2652
Z3X	Direct mount .....	2653
Z4G	Ninety degree .....	2654
Z4H	Ninety degree .....	2655
Z4J	Ninety degree .....	2656
Z4K	Ninety degree .....	2657
Z4L	Cross pilot .....	2658
Z4M	Cross pilot .....	2659
Z4N	Cross pilot .....	2660
Z4P	Cross pilot .....	2661

Z4Q	Ninety degree .....	2662
Z4R	Ninety degree .....	2663
Z4S	Ninety degree .....	2664
Z4T	Ninety degree .....	2665
Z4U	Cross pilot .....	2666
Z4V	Cross pilot .....	2667
Z4W	Cross pilot .....	2668
Z4X	Through port 1 with gauge port .....	2669
Z4Y	Through port 1 with gauge port .....	2670
Z4Z	Through port 1 with gauge port .....	2671
Z5A	Through port 1 with gauge port .....	2672
Z5B	Through port 1 with gauge port .....	2673
Z5C	Through port 1 with gauge port .....	2674
Z5F	Through port 1 with gauge port .....	2675
Z5G	Through port 1 with gauge port .....	2676
Z5H	Through port 1 with gauge port .....	2677
Z5J	Through port 1 with gauge port .....	2678
Z5R	Common port 2 .....	2679
Z5S	Common port 2 .....	2680
Z5T	Common port 2 .....	2681
Z5U	Common port 2 .....	2682

Z5V	Common port 2 .....	2683
Z5W	Common port 2 .....	2684
Z5X	Common port 1 .....	2685
Z5Y	Common port 1 .....	2686
Z5Z	Common port 1 .....	2687
Z62	Flange mount, cross pilot .....	2688
Z6A	Common port 1 .....	2689
Z6B	Common port 1 .....	2690
Z6C	Common port 1 .....	2691
Z6H	Direct mount .....	2692
Z6J	Direct mount .....	2693
Z6K	Direct mount .....	2694
Z6L	Direct mount .....	2696
Z6Z	Ninety degree .....	2697
Z7C	Direct mount, through port 2 .....	2698
Z7D	Direct mount, through port 2 .....	2699
Z7F	Direct mount, through port 2 .....	2700
Z7X	Cross port with shuttle .....	2701
Z7Y	Cross port with shuttle .....	2702
Z7Z	Cross port with shuttle .....	2703
Z8A	Cross port with shuttle .....	2704

Z8B	Cross port with shuttle .....	2705
Z8C	Cross port with shuttle .....	2706
Z8D	Ninety degree .....	2707
Z8E	Ninety degree .....	2708
Z8F	Ninety degree .....	2709
Z8G	Ninety degree .....	2710
Z8U	Ninety degree .....	2711
Z8V	Cross pilot .....	2712
Z8Z	Parallel cavities .....	2713
Z9Q	Through port 2 with gauge port .....	2714
Z9R	Through port 2 with gauge port .....	2715
Z9S	Through port 2 with gauge port .....	2716
Z9T	Parallel cavities .....	2717
Z9U	Direct mount .....	2718
Z9V	Direct mount .....	2719
Z9W	Direct mount .....	2720
ZAD	Direct mount .....	2721
ZAE	Cross pilot with shuttle .....	2722
ZAF	Cross pilot with shuttle .....	2723
ZAG	Cross pilot with shuttle .....	2724
ZAH	Direct mount .....	2726



ZAJ	Direct mount	.....	2728
ZAL	Direct mount	.....	2729
ZAM	Direct mount	.....	2730
ZAN	Direct mount	.....	2731
ZAP	Direct mount	.....	2732
ZAQ	Direct mount	.....	2733
ZBA	Direct mount	.....	2735
ZBB	Direct mount	.....	2736
ZBE	Sandwich mount through port	.....	2737
ZBF	Sandwich mount through port	.....	2739
ZBG	Sandwich mount through port	.....	2740
ZBH	Sandwich mount through port	.....	2741
ZBJ	Sandwich mount through port	.....	2742
ZBL	Sandwich mount through port	.....	2743
ZBM	Sandwich mount through port	.....	2744
ZBP	Sandwich mount through port	.....	2745
ZBQ	Sandwich mount through port	.....	2746
ZBS	Flange mount through port	.....	2747
ZBT	Flange mount through port	.....	2748
ZBV	Sandwich mount through port	.....	2750
ZBW	Sandwich mount through port	.....	2752

ZBX	Sandwich mount through port	.....2753
ZBZ	Flange mount through port	.....2754
ZCC	Flange mount through port	.....2755
ZCD	Flange mount through port	.....2756
ZCE	Direct mount	.....2758
ZCF	Sandwich mount through port	.....2759
ZCG	Sandwich mount through port	.....2760
ZCH	Sandwich mount through port	.....2761
ZCK	Flange mount through port	.....2762
ZCL	Flange mount through port	.....2763
ZCP	Flange mount through port	.....2764
ZCQ	Flange mount through port	.....2765
ZCR	Flange mount through port	.....2766
ZCS	Flange mount through port	.....2767
ZCW	Sandwich mount through port	.....2768
ZCX	Sandwich mount through port	.....2769
ZCY	Sandwich mount through port	.....2770
ZCZ	Sandwich mount through port	.....2771
ZDA	Direct mount	.....2772
ZDB	Sandwich mount through port	.....2774
ZDC	Flange mount through port	.....2776

ZDD	Flange mount through port .....	2777
ZDE	Flange mount through port .....	2778
ZDF	Flange mount through port .....	2780
ZDG	Flange mount through port .....	2781
ZDH	Flange mount through port .....	2782
ZDJ	Flange mount through port .....	2783
ZDK	Inline .....	2784
ZDQ	Direct mount .....	2786
ZDR	Direct mount .....	2788
ZDS	Direct mount .....	2790
ZEA	Ninety degree with gauge port .....	2791
ZEB	Ninety degree .....	2792
ZEC	Ninety degree .....	2793
ZED	Through port with gauge port .....	2794
ZEG	Direct mount .....	2796
ZEJ	Ninety degree .....	2797
ZEK	Ninety degree .....	2798
ZEL	Ninety degree .....	2799
ZEM	Ninety degree .....	2800
ZEN	Ninety degree .....	2801
ZEO	Ninety degree .....	2802

ZEP	Ninety degree .....	2803
ZEQ	Ninety degree .....	2804
ZES	Ninety degree .....	2805
ZET	Ninety degree .....	2806
ZEV	Direct mount .....	2808
ZEW	Direct mount .....	2810
ZEX	Direct mount .....	2811
ZEY	Direct mount .....	2812
ZEZ	Direct mount .....	2813
ZFD	Direct mount .....	2814
ZFM	Ninety degree .....	2815
ZFN	Inline .....	2816
ZFP	Ninety degree .....	2817
ZFQ	Ninety degree .....	2818
ZFR	Ninety degree .....	2819
ZFT	Sandwich mount through port .....	2820
ZFV	Sandwich mount through port .....	2821
ZGF	Direct mount .....	2822
ZGT	Direct mount .....	2823
ZGV	Direct mount .....	2825
ZGY	Flange mount through port .....	2826

ZHB	Sandwich mount through port	.....2827
ZHC	Sandwich mount through port	.....2828
ZHF	Direct mount	.....2830
ZHG	Direct mount	.....2831
ZHY	Direct mount	.....2833
ZJC	Direct mount, cross pilot	.....2834
ZJD	Direct mount, cross pilot	.....2835
ZJG	Through port 1 with gauge port	.....2836
ZJH	Direct mount	.....2837
ZJY	Direct mount	.....2838
ZJZ	Sandwich mount through port	.....2839
ZKA	Flange mount through port	.....2840
ZKC	Sandwich mount through port	.....2841
ZKD	Sandwich mount through port	.....2842
ZKE	Flange mount through port	.....2843
ZKF	Flange mount through port	.....2844
ZKG	Through port 1 with gauge port	.....2845
ZKH	Flange mount through port	.....2846
ZKI	Flange mount through port	.....2847
ZKQ	Direct mount	.....2848
ZKS	Direct mount	.....2849

ZKV	Sandwich mount through port	.....2850
ZKW	Sandwich mount through port	.....2851
ZKY	Direct mount, parallel cavities	.....2852
ZLA	Direct mount	.....2853
ZLB	Ninety degree	.....2854
ZLD	Through port 1 with gauge port	.....2855
ZLJ	Direct mount	.....2856
ZLK	Nipple mount	.....2857
ZLL	Ninety degree	.....2858
ZLP	Inline	.....2859
ZLQ	Inline	.....2860
ZLR	Inline	.....2861
ZLS	Inline	.....2862
ZLT	Direct mount	.....2863
ZLU	Inline	.....2864
ZLV	Direct mount	.....2865
ZLY	Direct mount, parallel cavities	.....2867
ZMA	Direct mount	.....2868
ZMB	Direct mount	.....2870
ZMD	Sandwich mount through port	.....2871
ZME	Sandwich mount through port	.....2872

ZMF	Sandwich mount through port .....	2873
ZMG	Four ports .....	2874
ZMH	Through port with gauge port .....	2875
ZMJ	Dual through port .....	2876
ZML	Sandwich mount through port .....	2877
ZMM	Sandwich mount through port .....	2878
ZMN	Sandwich mount through port .....	2879
ZMP	Sandwich mount through port .....	2880
ZMR	Sandwich mount through port .....	2881
ZMS	Sandwich mount through port .....	2882
ZMV	Sandwich mount through port .....	2884
ZMW	Sandwich mount through port .....	2885
ZMX	Sandwich mount through port .....	2886
ZMZ	Sandwich mount through port .....	2887
ZNB	Direct mount .....	2888
ZNC	Direct mount .....	2890
ZNH	Sandwich mount through port .....	2891
ZNJ	Sandwich mount through port .....	2892
ZNP	Sandwich/flange mount through port .....	2893
ZNS	Sandwich mount through port .....	2894
ZNV	Direct mount .....	2895

ZNW	Direct mount	.....	2896
ZNX	Direct mount	.....	2898
ZNY	Direct mount	.....	2900
ZNZ	Sandwich mount through port	.....	2901
ZPK	Ninety degree with gauge port	.....	2902
ZPW	Re-orienting flange by 90 degrees	.....	2903
ZPX	Re-orienting flange by 90 degrees	.....	2904
ZPY	Re-orienting flange by 90 degrees	.....	2905
ZPZ	Re-orienting flange by 90 degrees	.....	2906
ZQA	Sandwich mount through port	.....	2907
ZQB	Sandwich mount through port	.....	2908
ZQC	Sandwich mount through port	.....	2909
ZQD	Sandwich mount through port	.....	2910
ZQE	Sandwich mount through port	.....	2912
ZQF	Sandwich mount through port	.....	2913
ZQG	Sandwich mount through port	.....	2914
ZQH	Sandwich mount through port	.....	2915
ZQJ	Sandwich mount through port	.....	2916
ZQK	Sandwich mount through port	.....	2917
ZQL	Sandwich mount through port	.....	2918
ZQN	Sandwich mount through port	.....	2919



ZQP	Sandwich/flange mount through port	.....2920
ZQR	Sandwich mount through port	.....2921
ZQW	Direct mount	.....2922
ZQZ	Nipple mount	.....2923
ZRB	Nipple mount	.....2924
ZRC	Through port with gauge port	.....2925
ZRD	Through port 1 with gauge port	.....2926
ZRE	Through port 1 with gauge port	.....2927
ZRK	Nipple mount	.....2928
ZRL	Nipple mount	.....2929
ZRM	Nipple mount	.....2930
ZRN	Direct mount, cross pilot	.....2931
ZRR	Inline, cross pilot	.....2932
ZSA	Flange mount through port	.....2933
ZSD	Direct mount	.....2934
ZSF	Direct mount	.....2935
ZSG	Sandwich mount - special	.....2936
ZSH	Through port	.....2937
ZSJ	Nipple mount	.....2938
ZTS	Nipple mount	.....2939
ZTV	Direct mount	.....2941

ZTW	Direct mount, cross pilot	.....2942
ZTX	Nipple mount	.....2943
ZTY	Nipple mount	.....2944
ZTZ	Nipple mount	.....2945
ZUA	Direct mount	.....2947
ZUL	Direct mount	.....2948
ZUM	Ninety degree with gauge port	.....2949
ZUN	Sandwich mount through port	.....2950
ZVI	Inline	.....2951
ZVL	Direct mount	.....2952
ZVN	Direct mount	.....2953
ZWA	Direct mount	.....2954
ZWB	Through port	.....2955
ZWK	Direct mount	.....2956
ZWL	Ninety degree with gauge port	.....2957
ZWN	Ninety degree	.....2958
ZWO	Ninety degree	.....2959
ZWP	Ninety degree	.....2960
ZWT	Through port with gauge port	.....2961
ZWX	Direct mount	.....2962
ZXL	Four port body, orifice in line P	.....2963

ZXM	Direct mount	.....	2964
ZXN	Ninety degree with gauge port	.....	2965
ZXT	Direct mount	.....	2966
ZXW	Direct mount	.....	2967
ZYB	Direct mount	.....	2968
ZYG	Direct mount	.....	2969
ZYX	Direct mount	.....	2970
ZZI	Four port body, orifice in line P	.....	2971
ZZN	Dual through port	.....	2972
ZZY	Direct mount	.....	2973

Series	Ports	Cavities
<b>Series Z Cartridges</b> 3/8-24 UNF Cartridge Thread 5 mm Valve Hex Size 11 - 14 Nm Valve Installation Torque	3-Port	T-382A
<b>Series P Cartridges</b> M16 Cartridge Thread 22,2 mm Valve Hex Size 27 - 33 Nm Valve Installation Torque	2-Port 2-Port (Deep) 3-Port	T-8A T-8DP T-9A
<b>Series O Cartridges</b> M16 Cartridge Thread 19,1 mm Valve Hex Size 25,4 mm Valve Hex Size 27 - 33 Nm Valve Installation Torque	2-Port 2-Port (Deep) 3-Port 3-Port 4-Port	T-162A T-162DP T-150A T-163A T-30A
<b>Series OC Cartridges</b> 3/4-16 UNF Cartridge Thread 22,2 mm Valve Hex Size 19-22 lbf ft Valve Installation Torque	4-Port (Common)	SC-08-04
<b>Series 1 Cartridges</b> M20 Cartridge Thread 22,2 mm Valve Hex Size 41 - 47 Nm Valve Installation Torque	2-Port 2-Port 3-Port 4-Port 4-Port 6-Port	T-10A T-13A T-11A T-21A T-31A T-61A
<b>Series 1C Cartridges</b> 7/8-14 UNF Cartridge Thread 25,4 mm Valve Hex Size 23-26 lbf ft Valve Installation Torque	2-Port (Common) 4-Port (Common)	SC-10-02 SC-10-04
<b>Series 2 Cartridges</b> 1"-14 UNS Cartridge Thread 28,6 mm Valve Hex Size 61 - 68 Nm Valve Installation Torque	2-Port 2-Port 3-Port 4-Port 4-Port 4-Port (Dual path) 6-Port 6-Port	T-3A T-5A T-2A T-22A T-32A T-52AD T-52A T-62A
<b>Series 3 Cartridges</b> M36 Cartridge Thread 31,8 mm Valve Hex Size 203 - 217 Nm Valve Installation Torque	2-Port 3-Port 4-Port 4-Port 4-Port (Dual path) 6-Port 6-Port	T-16A T-17A T-23A T-33A T-53AD T-53A T-63A
<b>Series 4 Cartridges</b> M48 Cartridge Thread	2-Port 2-Port (Undercut)	T-18A T-18AU

41,3 mm Valve Hex Size  
474 - 508 Nm Valve Installation Torque

3-Port	T-19A
3-Port (Undercut)	T-19AU
4-Port	T-24A
4-Port (Undercut)	T-24AU
4-Port	T-34A
4-Port (Dual path)	T-54AD
6-Port	T-54A
6-Port	T-64A