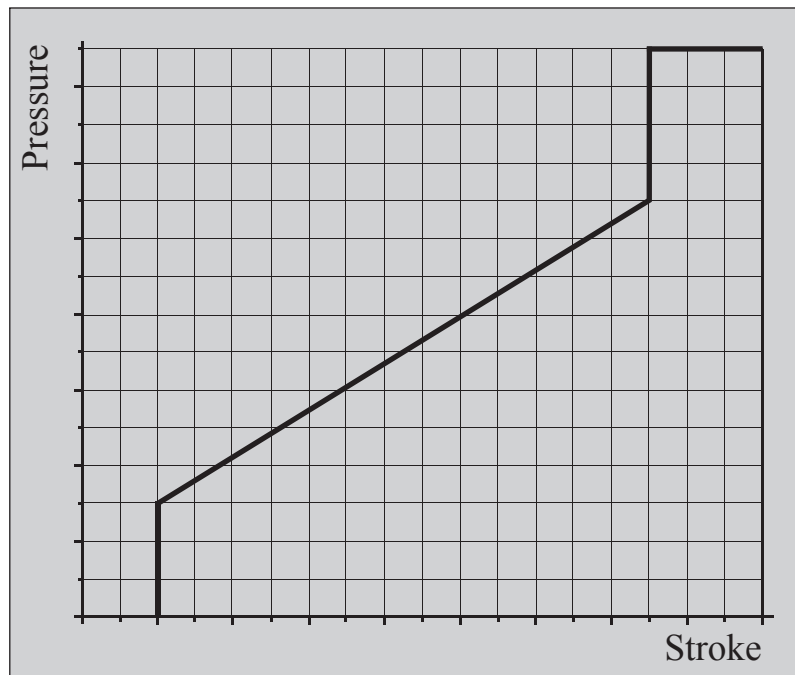
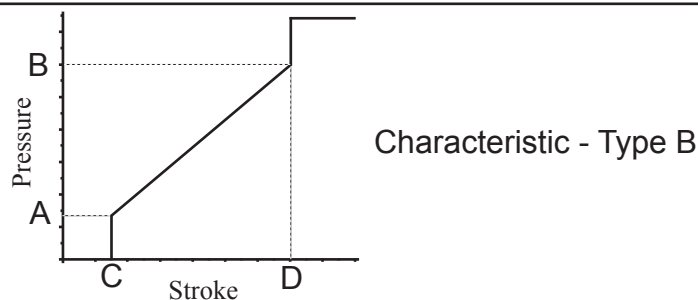


CHARACTERISTIC OPTIONS

HYDRAULIC PILOT CONTROLS



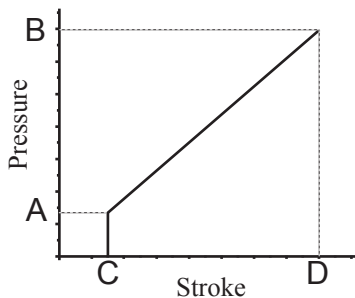
PILOT VALVE CHARACTERISTICS



PRESSURE (bar)		STROKE (mm)		ID No.
A	B	C	D	
0.0	13.0	0.5	8.5	CR027
0.5	4.0	1.8	8.5	CR009
0.5	6.5	2.0	8.5	CR010
0.5	11.4	1.8	8.5	CR047
0.5	18.4	1.0	8.5	CR076
0.8	29.0	1.4	3.5	CR097
1.0	8.0	1.0	8.5	CR011
1.0	12.0	1.0	8.5	CR034
1.5	8.5	1.0	8.5	CR069
2.0	11.5	1.0	8.5	CR012
2.0	11.5	2.0	8.5	CR025
2.0	8.0	0.5	6.5	CR042
2.0	13.0	1.0	8.5	CR045
2.0	20.5	0.9	8.5	CR077
2.0	27.5	1.0	8.5	CR080
2.0	14.2	1.0	8.5	CR163
2.4	16.4	1.0	8.5	CR078
2.8	14.9	1.0	8.5	CR123
2.8	4.7	1.0	8.5	CR129
3.0	9.0	2.0	8.5	CR021
3.0	10.0	1.0	8.5	CR051
3.0	8.0	1.0	8.5	CR125
3.0	21.7	0.9	8.5	CR121
3.2	11.7	1.8	8.5	CR048
3.2	17.2	1.0	8.5	CR062
3.2	15.4	1.0	8.5	CR041
3.4	29.4	1.0	8.5	CR030
3.5	13.0	1.0	8.5	CR101
3.7	29.2	1.0	8.5	CR104
4.0	21.5	0.9	8.5	CR090
4.3	15.2	1.0	8.5	CR049
4.3	13.8	1.0	8.5	CR122
4.4	17.0	1.8	8.5	CR107
4.4	30.4	1.0	8.5	CR138
4.5	18.0	0.9	8.5	CR095
4.5	27.0	1.0	8.5	CR108
4.9	18.9	1.0	8.5	CR018
4.9	17.5	1.0	8.0	CR117
5.0	14.5	1.0	8.5	CR019
5.0	12.0	1.0	8.5	CR023
5.0	21.0	1.2	6.5	CR038

PRESSURE (bar)		STROKE (mm)		ID No.
A	B	C	D	
5.0	21.5	1.8	7.3	CR099
5.0	24.5	1.8	8.5	CR109
5.0	23.0	1.0	8.5	CR116
5.0	15.9	1.0	8.5	CR026
5.1	19.1	1.2	8.5	CR112
5.5	24.2	0.9	8.5	CR028
5.5	25.0	1.0	8.9	CR139
5.7	17.8	1.0	8.5	CR137
5.8	22.0	1.8	8.5	CR015
5.8	19.0	1.8	7.3	CR016
5.8	19.0	0.9	6.5	CR017
5.8	19.0	1.6	7.3	CR029
5.8	22.4	0.9	8.5	CR082
5.8	22.0	0.9	8.5	CR088
5.8	19.8	1.0	8.5	CR106
5.8	26.0	1.0	8.5	CR115
5.9	12.9	1.0	8.5	CR065
6.0	22.5	2.0	6.5	CR002
6.0	25.0	2.0	7.3	CR006
6.0	21.7	2.0	6.5	CR007
6.0	16.3	1.6	7.3	CR008
6.0	17.4	1.0	7.3	CR050
6.0	28.7	1.0	8.5	CR150
6.5	14.0	1.0	8.5	CR020
6.5	28.0	1.0	8.5	CR063
6.6	20.7	1.0	8.5	CR043
6.7	16.2	1.0	8.5	CR127
7.0	21.0	1.5	7.3	CR081
7.0	26.7	0.5	8.5	CR135
7.2	15.3	1.0	8.9	CR100
7.6	24.6	0.5	8.5	CR136
8.0	24.2	0.9	8.5	CR024
8.0	20.7	1.8	8.5	CR044
8.2	24.4	1.8	8.5	CR013
8.2	24.5	1.0	8.5	CR014
8.4	50.0	1.0	8.5	CR073
8.4	21.1	3.2	8.5	CR098
8.4	27.9	1.8	8.5	CR120
9.0	15.5	2.0	8.5	CR084
9.8	26.0	1.8	8.5	CR032
14.0	29.0	1.0	8.5	CR031

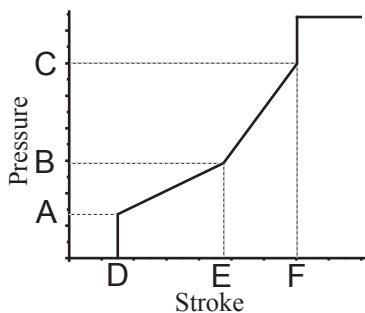
PILOT VALVE CHARACTERISTICS



Characteristic - Type A

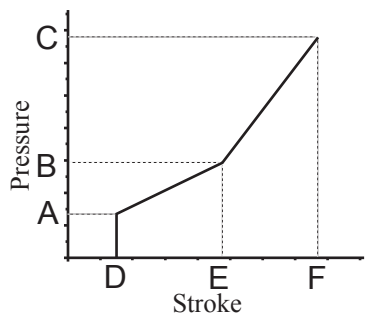
PRESSURE (bar)		STROKE (mm)		ID No.
A	B	C	D	
0.0	64.0	2.0	9.0	CR022
0.0	115.0	2.0	9.0	CR033
0.0	38.0	0.9	9.0	CR061
0.0	130.0	1.0	9.0	CR143
0.5	12.2	1.8	9.0	CR087
0.7	30.0	1.0	9.0	CR071
1.4	11.5	1.0	9.0	CR072
1.4	12.2	1.0	9.0	CR155
1.5	9.0	1.0	9.0	CR086
1.5	39.5	0.9	9.0	CR093
2.0	8.0	2.0	9.0	CR004
2.0	15.0	0.9	9.0	CR060
2.0	52.5	1.0	9.0	CR092
2.8	5.9	1.0	9.0	CR157
3.0	10.0	0.8	9.0	CR165
3.0	23.0	0.9	9.0	CR058
3.0	14.0	1.0	9.0	CR162
3.2	18.0	1.0	9.0	CR053
3.2	20.0	0.0	9.0	CR096
3.2	16.2	1.0	9.0	CR153
3.8	23.7	0.9	9.0	CR074
4.0	10.0	2.0	9.0	CR005
4.0	8.0	1.0	9.0	CR054
4.0	16.0	1.0	9.0	CR057
4.3	10.0	1.0	9.0	CR158
4.4	21.6	0.9	9.0	CR126
4.7	27.6	0.8	9.5	CR132
5.0	10.5	1.0	9.0	CR066
5.0	18.0	2.0	9.0	CR079

PRESSURE (bar)		STROKE (mm)		ID No.
A	B	C	D	
5.0	33.0	1.0	9.0	CR085
5.0	20.0	1.0	9.0	CR089
5.0	19.9	0.9	9.0	CR094
5.5	26.7	1.1	9.0	CR067
5.5	25.5	0.9	9.0	CR075
5.5	50.0	2.0	9.0	CR145
5.7	18.7	0.9	9.0	CR055
5.8	23.0	1.6	9.0	CR035
5.8	23.0	0.9	9.0	CR036
5.8	23.0	1.8	9.0	CR037
5.8	30.0	0.8	9.5	CR133
6.0	30.0	2.0	9.0	CR001
6.0	37.0	1.0	8.5	CR040
6.0	40.0	0.9	9.0	CR046
6.0	25.8	0.9	9.0	CR083
6.0	30.0	1.0	9.0	CR091
6.0	30.0	1.0	5.5	CR097
6.0	16.0	1.0	9.0	CR146
6.0	27.0	1.0	9.5	CR149
7.0	28.2	1.1	9.0	CR068
7.0	14.5	1.0	9.0	CR152
7.0	23.0	1.0	9.0	CR159
8.0	15.0	2.0	9.0	CR056
8.1	20.1	3.2	9.0	CR105
8.3	22.5	1.0	9.0	CR059
8.6	25.8	0.9	9.0	CR039
9.1	26.8	0.9	9.0	CR003
11.5	25.5	1.0	9.0	CR160



Characteristic - Type D

PRESSURE (bar)			STROKE (mm)			ID No.
A	B	C	D	E	F	
0.2	2.8	8.4	0.5	5.7	8.5	CR102
1.0	4.5	9.0	1.0	7.5	8.5	CR114
1.0	8.3	14.0	1.1	7.0	8.5	CR118
1.1	4.0	11.0	0.6	5.4	8.5	CR111
1.5	8.0	15.0	2.0	7.0	8.5	CR103
2.0	5.0	8.0	1.0	7.0	8.5	CR164
2.0	7.0	20.0	1.0	5.0	8.5	CR174
2.0	10.0	13.5	1.0	7.5	8.5	CR110
5.0	9.5	21.5	1.3	5.0	8.5	CR154
6.0	15.0	28.0	1.0	6.0	8.5	CR156
7.5	15.0	28.0	1.8	6.0	8.5	CR134
7.5	15.0	32.0	1.0	6.0	8.5	CR151
7.5	15.0	20.7	1.2	5.4	6.5	CR184
7.5	12.0	24.2	1.0	5.2	8.5	CR161
8.5	12.5	32.0	1.0	3.0	8.5	CR144



Characteristic - Type C

PRESSURE (bar)			STROKE (mm)			ID No.
A	B	C	D	E	F	
0.0	20.0	90.0	0.8	6.0	9.3	CR130
1.5	8.0	17.3	2.0	7.0	9.0	CR124
2.0	8.0	28.0	1.0	5.0	9.0	CR194
3.5	6.2	11.5	1.0	6.5	9.0	CR166
5.5	20.0	33.0	0.8	6.5	9.0	CR141
7.0	20.0	32.5	0.8	6.5	9.0	CR142
8.0	16.3	30.0	1.4	6.0	9.0	CR119

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