



MATERIALS LIST

NO	PART NAME	SPECIFICATION
1	BODY	ASTM A351 GR.CF8M
2	END CAP	ASTM A351 GR.CF8M
3	BALL	ASTM A351 GR.CF8M
4	STEM	S.S.316
5	BALL SEATS	PTFE
6	END SEAL	PTFE
7	STEM PACKINGS	PTFE
8	HANDLE	S.S.304
9	HANDLE SLEEVE	VINYL GRIP
10	THRUST WASHER	PTFE
11	GLAND	S.S.304
12	HANDLE WASHER	S.S.304
13	HANDLE NUT	S.S.304
*14	LOCKING PLATE	S.S.304

\*optional

Size	A	B	C	C1	D	E	F	K	L	M	P
1/4"	2.14	0.46	1.97	0.551	3.94	0.500	1.122	0.433	0.925	0.197	0.315
3/8"	2.14	0.49	1.97	0.551	3.94	0.500	1.122	0.433	0.925	0.197	0.315
1/2"	2.35	0.59	2.20	0.669	4.72	0.500	1.122	0.492	1.063	0.256	0.374
3/4"	2.80	0.79	2.36	0.807	4.72	0.870	1.370	0.492	1.063	0.256	0.374
1"	3.26	0.98	2.76	0.945	5.83	0.870	1.370	0.709	1.437	0.315	0.472
1-1/4"	3.63	1.26	2.95	1.201	5.83	0.929	1.500	0.709	1.437	0.315	0.472
1-1/2"	4.37	1.50	3.31	1.398	6.46	0.929	1.500	0.846	1.614	0.394	0.630
2"	4.92	1.97	3.70	1.713	6.46	0.929	1.500	0.846	1.614	0.394	0.630
2-1/2"	6.38	2.56	5.12	2.283	9.76	1.378	2.165	1.043	1.988	0.472	0.748
3"	6.93	3.15	5.39	2.638	9.76	1.378	2.165	1.043	1.909	0.472	0.748
4"	9.17	3.94	7.09	3.307	11.42	1.969	2.441	1.339	2.598	0.591	0.874

FLOW-TEK, INC.

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TEL: 832-912-2300  
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SERIES #  
S80  
SIZE :  
1/4"-4"

DRAWING TITLE : S80 Assembly	
SCALE : NTS	DRAWN BY : MG
DATE : Jan. 29, 2004	APPROVED BY : WSB
CUSTOMER :	DRAWING NO. : S80-SD