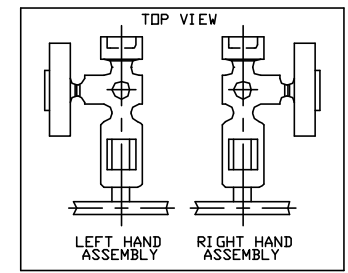


BILL OF MATERIAL - PER SET

ITEM	PART NO.	QUAN.	DESCRIPTION	MATERIAL	DWG NO.
1	SG777-1	1	VALVE BODY, LOWER(FORGED STL.)	ASTM A105	B-9197
2	SG777-1A	1	VALVE BODY, UPPER(FORGED STL.)	ASTM A105	B-9197
3	SG777-2	2	SOCKET WELD ADAPTOR	CARBON STEEL	B-9198
4	SG777-3	2	CONNECTOR	A106 GR. B	B-9197
5	SG777-4	2	SPROCKET CHAIN WHEEL	CAST IRON	
6	SG777-5	2	CHAIN GUIDE	CAST IRON	
7	SG777-6	2	SPIDER ADAPTOR	CAST IRON	B-8278
8	SG754-2	2	PACKING YOKE (DUCTILE IRON)	ASTM A395-55T	B-9198
9	SG754-3	2	PACKING WASHER	C1018 STEEL	B-9198
10	SG454-24	2	SEAT	420 STNLS. STL.	SG7017-A
11	XL72341	4	CAP SCREW, HEX 7/16-14x1 1/2	STEEL - GR. B7	
12	SG754-6	2	STEM BUSHING	416 STNLS. STL.	B-9198
13	SG754-7	2	STEM	303 STNLS. STL.	B-9198
14	XL74220	2	PLAIN WASHER, 17/32 ID, 11/16 OD	STEEL	
15	XL71480	2	SLOTTED HEX NUT, SEMI-FINISH, 1/2-13	STEEL	
16	XL71790	2	COTTER PIN, 1/8 x 1 1/4	STEEL	
17	XL71000	6	CARRIAGE BOLT, 5/16-18 x 1	STEEL	
18	XL71320	6	SQUARE NUT, 5/16-18	STEEL	
19	SG854-4	2	STEM PACKING CARTIDGE	GRAFOL	SG7021-A
20	XL74212	4	PLAIN WASHER, 15/32 ID, 59/64 OD	STEEL	
21	XL75500	2	VALVE SEAT GASKET	MONEL	A-5418
22	SG477-2	2	FLANGE 1/2-2500# R. T. J.	ASTM A105	A-5819
23	XL73120	2	ALLEN CUP POINT SET SCREW, 10-24x1/4	STEEL	

NOTE: ON UPPER VALVE, CHAIN WHEEL AND GUIDE ARE ASSEMBLED IN REVERSE POSITION.
DIMENSIONS IN () ARE IN MILLIMETERS



MAXIMUM PRESSURE RATING:
2500 P. S. I. @ 670°F

HYDROTEST AT 3750 P. S. I.

UNLESS OTHERWISE NOTED TOLERANCES (X)		
DECIMAL & FRACTION		
FIN. FRACTIONAL OF IN. UP TO 1" .001	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2" .002	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3" .003	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4" .004	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5" .005	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6" .006	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8" .008	1.4848	
FIN. FRACTIONAL OF IN. UP TO 10" .010	1.4848	
FIN. FRACTIONAL OF IN. UP TO 12" .012	1.4848	
FIN. FRACTIONAL OF IN. UP TO 14" .014	1.4848	
FIN. FRACTIONAL OF IN. UP TO 16" .016	1.4848	
FIN. FRACTIONAL OF IN. UP TO 18" .018	1.4848	
FIN. FRACTIONAL OF IN. UP TO 20" .020	1.4848	
FIN. FRACTIONAL OF IN. UP TO 24" .024	1.4848	
FIN. FRACTIONAL OF IN. UP TO 28" .028	1.4848	
FIN. FRACTIONAL OF IN. UP TO 32" .032	1.4848	
FIN. FRACTIONAL OF IN. UP TO 36" .036	1.4848	
FIN. FRACTIONAL OF IN. UP TO 40" .040	1.4848	
FIN. FRACTIONAL OF IN. UP TO 48" .048	1.4848	
FIN. FRACTIONAL OF IN. UP TO 56" .056	1.4848	
FIN. FRACTIONAL OF IN. UP TO 64" .064	1.4848	
FIN. FRACTIONAL OF IN. UP TO 72" .072	1.4848	
FIN. FRACTIONAL OF IN. UP TO 80" .080	1.4848	
FIN. FRACTIONAL OF IN. UP TO 96" .096	1.4848	
FIN. FRACTIONAL OF IN. UP TO 112" .112	1.4848	
FIN. FRACTIONAL OF IN. UP TO 128" .128	1.4848	
FIN. FRACTIONAL OF IN. UP TO 144" .144	1.4848	
FIN. FRACTIONAL OF IN. UP TO 160" .160	1.4848	
FIN. FRACTIONAL OF IN. UP TO 192" .192	1.4848	
FIN. FRACTIONAL OF IN. UP TO 224" .224	1.4848	
FIN. FRACTIONAL OF IN. UP TO 256" .256	1.4848	
FIN. FRACTIONAL OF IN. UP TO 288" .288	1.4848	
FIN. FRACTIONAL OF IN. UP TO 320" .320	1.4848	
FIN. FRACTIONAL OF IN. UP TO 384" .384	1.4848	
FIN. FRACTIONAL OF IN. UP TO 448" .448	1.4848	
FIN. FRACTIONAL OF IN. UP TO 512" .512	1.4848	
FIN. FRACTIONAL OF IN. UP TO 576" .576	1.4848	
FIN. FRACTIONAL OF IN. UP TO 640" .640	1.4848	
FIN. FRACTIONAL OF IN. UP TO 704" .704	1.4848	
FIN. FRACTIONAL OF IN. UP TO 768" .768	1.4848	
FIN. FRACTIONAL OF IN. UP TO 832" .832	1.4848	
FIN. FRACTIONAL OF IN. UP TO 896" .896	1.4848	
FIN. FRACTIONAL OF IN. UP TO 960" .960	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1024" 1.024	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1088" 1.088	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1152" 1.152	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1216" 1.216	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1280" 1.280	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1344" 1.344	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1408" 1.408	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1472" 1.472	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1536" 1.536	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1600" 1.600	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1664" 1.664	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1728" 1.728	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1792" 1.792	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1856" 1.856	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1920" 1.920	1.4848	
FIN. FRACTIONAL OF IN. UP TO 1984" 1.984	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2048" 2.048	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2112" 2.112	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2176" 2.176	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2240" 2.240	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2304" 2.304	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2368" 2.368	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2432" 2.432	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2496" 2.496	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2560" 2.560	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2624" 2.624	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2688" 2.688	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2752" 2.752	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2816" 2.816	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2880" 2.880	1.4848	
FIN. FRACTIONAL OF IN. UP TO 2944" 2.944	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3008" 3.008	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3072" 3.072	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3136" 3.136	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3200" 3.200	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3264" 3.264	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3328" 3.328	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3392" 3.392	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3456" 3.456	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3520" 3.520	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3584" 3.584	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3648" 3.648	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3712" 3.712	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3776" 3.776	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3840" 3.840	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3904" 3.904	1.4848	
FIN. FRACTIONAL OF IN. UP TO 3968" 3.968	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4032" 4.032	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4096" 4.096	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4160" 4.160	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4224" 4.224	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4288" 4.288	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4352" 4.352	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4416" 4.416	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4480" 4.480	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4544" 4.544	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4608" 4.608	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4672" 4.672	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4736" 4.736	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4800" 4.800	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4864" 4.864	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4928" 4.928	1.4848	
FIN. FRACTIONAL OF IN. UP TO 4992" 4.992	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5056" 5.056	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5120" 5.120	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5184" 5.184	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5248" 5.248	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5312" 5.312	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5376" 5.376	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5440" 5.440	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5504" 5.504	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5568" 5.568	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5632" 5.632	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5696" 5.696	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5760" 5.760	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5824" 5.824	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5888" 5.888	1.4848	
FIN. FRACTIONAL OF IN. UP TO 5952" 5.952	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6016" 6.016	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6080" 6.080	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6144" 6.144	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6208" 6.208	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6272" 6.272	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6336" 6.336	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6400" 6.400	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6464" 6.464	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6528" 6.528	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6592" 6.592	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6656" 6.656	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6720" 6.720	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6784" 6.784	1.4848	
FIN. FRACTIONAL OF IN. UP TO 6848" 6.848	1.4848	
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FIN. FRACTIONAL OF IN. UP TO 7488" 7.488	1.4848	
FIN. FRACTIONAL OF IN. UP TO 7552" 7.552	1.4848	
FIN. FRACTIONAL OF IN. UP TO 7616" 7.616	1.4848	
FIN. FRACTIONAL OF IN. UP TO 7680" 7.680	1.4848	
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FIN. FRACTIONAL OF IN. UP TO 7808" 7.808	1.4848	
FIN. FRACTIONAL OF IN. UP TO 7872" 7.872	1.4848	
FIN. FRACTIONAL OF IN. UP TO 7936" 7.936	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8000" 8.000	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8064" 8.064	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8128" 8.128	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8192" 8.192	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8256" 8.256	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8320" 8.320	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8384" 8.384	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8448" 8.448	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8512" 8.512	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8576" 8.576	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8640" 8.640	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8704" 8.704	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8768" 8.768	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8832" 8.832	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8896" 8.896	1.4848	
FIN. FRACTIONAL OF IN. UP TO 8960" 8.960	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9024" 9.024	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9088" 9.088	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9152" 9.152	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9216" 9.216	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9280" 9.280	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9344" 9.344	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9408" 9.408	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9472" 9.472	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9536" 9.536	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9600" 9.600	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9664" 9.664	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9728" 9.728	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9792" 9.792	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9856" 9.856	1.4848	
FIN. FRACTIONAL OF IN. UP TO 9920" 9.920	1.48	