


KEY	QTY	DESCRIPTION	PART NO
1	2	1" NPT ELL SCH 80 PVC	TU-
2	3	1/4-20 UNC X 3 1/2" SS ROUND HEAD MACHINED	AV-105
3	1	VALVE COVER	AV-001
4	1	VALVE ORIFICE (SEE NOTE)	AV-003*
5	1	VALVE BODY	AV-002
6	3	SPRING-ACTIVATED PTFE SEAL (3/8" I.D.)	AV-030
6A	1	VALVE BODY O-RING SEAL	OR-115
7	1	VALVE BODY MOUNTING PLATE	AV-014
8	1	VALVE PLUG ASSEMBLY TO 1000PPD (20 KG/HR)	AV-200-1000*
	1	VALVE PLUG ASSEMBLY TO 2000PPD (40 GR/HR)	AV-200-2000*
9	9	4-40 UNC X 1/8" SS SET SCREW	AV-104
9A	1	4-40 UNC X 3/16" TITANIUM SET SCREW	AV-104T
10	8	10-24 UNC X 1 1/4" SS FLAT HD MACHINED SCREW	AV-101
11	1	HAND WHEEL	AV-008
12	1	SPRING-ACTIVATED PTFE SEAT (1/4" ID)	AV-031
13	1	PTFE FRICTION WASHER	SP-160
14	1	6-32 UNC SS HEX NUT	AV-120
15	1	LEAD SCREW	AV-007
16	1	VALVE SUPPORT PLATE, RIGHT SIDE	AV-016
17	1	VALVE SUPPORT PLATE, LEFT SIDE	AV-017
18	4	SEAL, SUPPORT PLATE TO HOUSING BOX	OR-114
19	1	GUIDE PLATE	AV-009
20	1	INDICATOR SHOULDER SCREW (6-32 UNC)	AV-010
21	1	MOTOR MOUNTING PLATE	AV-015
22	1	LINEAR ACTUATOR MOTOR	AV-100
23	6	SS LOCK WASHER	AV-130
24	6	SS PAN HEAD MACHINE SCREW	AV-102

KEY	QTY	DESCRIPTION	PART NO
25	1	FEEDBACK PINION GEAR	AV-012
26	1	FEEDBACK SPUR GEAR	AV-013
27	2	HEX STANDOFF	AV-060
28	1	FEEDBACK POTENTIOMETER MNTNG PLATE	AV-011
29	1	FEEDBACK POTENTIOMETER	AV-050
30	2	SS FLAT WASHER	AV-131
31	2	SS SET SCREW	AV-103
32	1	TERMINAL STRIP (7-POSITION)	AV-045
33	1	MOTOR HOUSING BOX	AV-040
34	1	1/2" STRAIN RELIEF LIQUID-TIGHT	STC-EL-112
35	2	1/2" X CLOSE SCH 80 PVC NIPPLE	PF-111
36	2	1" MPT X 1/2" FPT PVC REDUCING BUSHING	TU-911
37	2	1" NPT X 2" SCH 80 PVC PIPE NIPPLE	TU-913
38	2	1" NPT SCH 80 PVC UNION	TU-950

*NOTE: KEY NO. 4 & 8 (AV-003 & AV-200) **MUST** BE ORDERED AS A MATCHED SET TO ASSURE PROPER TOLERANCE.



CHEMICAL INJECTION TECHNOLOGIES

SUPERIOR AUTOVALVE- 1000 & 2000PPD (10 & 20 KG/HR) VALVE ACTUATOR ASSEMBLY

BY: CDT	DATE: 14 JUNE '06
SCALE: NTS	DWG NO: AVVL- 10/20