

SCV-85 Parts

DWG NO. CD-952816	ISSUE 01.01	ISS 01.01	CHANGE SO 457632	BY DGD	DATE 03-05-02	UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR REFERENCE ONLY LENGTH UNITS ARE INCHES	ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER SHOWN ON THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF BADGER METER INCORPORATED.
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PARTS & MATERIAL LIST				
QUANTITIES ARE FOR ONE (1) UNIT ONLY				
ITEM NO.	PART NO.	QTY	DESCRIPTION	MATERIAL
1	525269-00	1	BODY	
2	525267-00	1	BONNET	
3a	490001-00	1	O-RING	
3b	SEE NOTE 1	1	INNERVALVE	
4	501094-00	1	GASKET	
5	501099-0002	1	CLAMP	316 SST
6	520749	1	LOCK NUT	303 SST
7	520391	1	CONNECTOR	303 SST
8	510157	1	TRAVEL POINTER	300 SER SST
9	410011	1	STEM NUT	300 SER SST
10	520985-0002	1	TRAVEL SCALE	300 SER SST
11	400001-0072	1	SCREW	300 SER SST
12	430002-0022	1	FLAT WASHER	300 SER SST
13	525025-0001	1	O-RING GLAND	316 SST
14	522768	1	O-RING FOLLOWER	TFE
15	490002-0001	1	O-RING	SILICONE RUBBER
16	520987-0002	1	PRESS. CASE & YOKE	ALUMINUM
17	510154-0003	1	DIAPHRAGM	BUNA/ NYLON
18	520386-0002	1	DIAPHRAGM PLATE	STEEL/ ZINC PL
19	400029-0001	6	HEX HD. RIM SCREW	300 SER SST
20	520988-0002	1	SPRING CASE	ALUMINUM
21	510031-0107	1	SPRING	STEEL
22	520390-0003	1	SPRING ADJUSTOR	300 SER SST
23	430002-0020	2	WASHER	300 SER SST
24	512416-0002	1	NAMEPLATE	300 SER SST
25	400018-0012	2	DRIVE SCREW	300 SER SST
26	520388-0001	1	SPRING SEAT	ALUMINUM
27	520993	1	TOPWORKS STEM	316 SST
28	410030-0002	2	LOCKNUT	300 SER SST

NOTES:

- 1.) TRIM MUST COMPLY WITH 3A SANITARY CRITERIA PER SPECIFICATION 941266.
TRIM ASSEMBLY NUMBER: _____
ITEMS 3a & 3b SOLD AS A SINGLE TRIM SET (OPTIONAL SPARE PART).
INNERVALVE DESCRIPTION
SIZE: _____ Cv: _____
CHARACTERISTIC: _____
- 2.) INSTRUMENT SIGNAL RANGE: _____
- 3.) NOMINAL STROKE: .562
- 4.) RECOMMENDED SPARE PARTS ARE ITEMS 3a, 4, 15, 17, & 21
- 5.) WHEN ORDERING SPARE OR REPLACEMENT PARTS, PROVIDE FACTORY THE VALVE SERIAL NUMBER FROM THE NAMEPLATE ON THE ACTUATOR.
- 6.) SUPPLIED WITH CONOFLOW CT-210 1/P TRANSDUCER BRACKET MOUNTED WITH BRASS FITTINGS.

2X 1/2" CLAMP-TYPE CONNECTIONS

CERTIFIED FOR: _____ P.O.: _____ LOCATION: _____ SERIAL NO.: _____ TAG NUMBER: _____ PREPARED BY: _____ DATE: _____	APPROVALS DRAWN: D. DOSSER CHECKED: W. HALL ENGINEER: M.A. LOBO	DATE 03-05-02 03-11-02 03-26-02	BADGER METER RESEARCH CONTROL® VALVES 1/2" ANGLE BODY - 3A SANITARY CLAMP-TYPE CONNECTIONS, SANITARY BONNET, 1/2" ATO ACTUATOR REF: CD-950903 & CD-950754 SIZE: A SCALE: 1/2 DWG. NO.: CD-952816 ISSUE: 01.01
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