



T= METRIC KEY SIZE
 BOTTOM OF ACTUATOR IN FULL CLOCKWISE POSITION WHEN VIEWED FROM ACCESSORY SIDE

DIMENSIONS SHOWN ARE ACCURATE AT TIME OF PRINTING. DUE TO CONTINUOUS PRODUCT IMPROVEMENT, PLEASE CONTACT A-T CONTROLS FOR CURRENT DIMENSIONS.

* "DH" SPRING IS Ø17.00 AND 5.70" LONGER

ACTUATOR MODEL	A	B	C	DA	SR	D	E *	F	G	H	J	K	L	M	N	P	R	S	B.C.D	T	U
S16DA / SR 485	3/4" NPT	27.32	45.67	68.74	106.90	22.76	16.00	5.51	5.87	6.30	8.27	25.94	4.33	7.87	1.26	4.62	M30	1.42	14.02	32 X 18	14.25
S16DA / SR 535	3/4" NPT	27.32	45.67	68.74	106.90	24.80	16.00	5.51	6.89	6.30	8.27	26.97	4.33	7.87	1.26	4.62	M30	1.42	14.02	32 X 18	15.53
S16DA / SR 585	1" NPT	27.32	45.98	69.06	106.90	27.17	16.00	5.51	8.07	6.30	8.27	28.15	4.33	7.87	1.26	4.62	M30	1.42	14.02	32 X 18	17.09
S16DA / SR 635	1" NPT	27.32	45.98	69.06	106.90	29.13	16.00	5.51	9.06	6.30	8.27	29.13	4.33	7.87	1.26	4.62	M30	1.42	14.02	32 X 18	18.04
S16DA / SR 685	1" NPT	27.32	45.98	69.06	106.90	31.30	16.00	5.51	10.14	6.30	8.27	30.22	4.33	7.87	1.26	4.62	M30	1.42	14.02	32 X 18	19.18
S20DA / SR 585	1" NPT	32.91	53.35	79.17	134.77	27.56	18.00	6.26	7.52	7.87	9.45	31.10	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S20DA / SR 635	1" NPT	32.91	53.35	79.17	134.77	29.92	18.00	6.26	0.00	7.87	9.45	0.00	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S20DA / SR 685	1" NPT	32.91	53.54	79.37	134.96	32.36	18.00	6.26	9.92	7.87	9.45	33.50	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S20DA / SR 735	1" NPT	32.91	53.54	79.37	134.96	34.33	18.00	6.26	10.91	7.87	9.45	34.49	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S20DA / SR 785	1" NPT	32.91	53.62	79.61	135.04	36.34	18.00	6.26	11.89	7.87	9.45	35.51	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S20DA / SR 835	1" NPT	32.91	53.62	79.61	135.04	38.58	18.00	6.26	13.03	7.87	9.45	36.61	5.12	9.06	1.26	5.41	M36	1.69	15.98	32 X 18	
S27DA / SR 735	1" NPT	46.34	72.28	107.36	174.19	34.33	20.00	7.28	9.88	10.63	10.63	38.43	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR 785	1" NPT	46.34	72.28	107.36	174.19	36.34	20.00	7.28	10.91	10.63	10.63	39.45	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR 835	1" NPT	46.34	72.44	107.48	174.35	38.58	22.00	7.28	12.01	10.63	10.63	40.55	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR 885	1" NPT	46.34	72.44	107.48	174.35	40.75	22.00	7.28	13.11	10.63	10.63	41.65	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR 935	1" NPT	46.34	72.64	107.68	174.55	42.72	22.00	7.28	14.09	10.63	10.63	42.60	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR 985	1" NPT	46.34	72.64	107.68	174.55	44.69	22.00	7.28	15.08	10.63	10.63	43.62	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	
S27DA / SR1020	1" NPT	46.34	72.83	107.87	174.74	46.06	22.00	7.28	15.75	10.63	10.63	44.29	5.91	10.24	1.42	6.24	M36	2.13	19.02	36 X 20	

1363	10/25/2012	CHS
1324	08/01/2012	CHS
1089	04/27/2011	CHS
854	10/13/2009	CHS
839	08/28/2009	CHS
828	08/05/2009	CHS
783	04/28/2009	CHS
ECN#	DATE	BY

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Division of A-T Controls, Inc.
 9955 International Blvd
 Cincinnati, Ohio 45246
 Phone: (513) 247-5465
 Fax: (513) 247-5462

DRAWN CHS	CHECKED BY DWW	APPROVED
DATE 03/23/2009	DATE 03/23/2009	DATE
TITLE S16 / S20 / S27 DIMENSIONAL DRAWING DOUBLE ACTING AND SPRING RETURN		

TOLERANCE UNLESS OTHERWISE SPECIFIED:
 TWO PLACE DECIMAL
 DIM. ±0.02
 THREE PLACE DECIMAL
 DIM. ±0.010
 ANGULAR DIM. ±30°
 DO NOT SCALE DRAWINGS