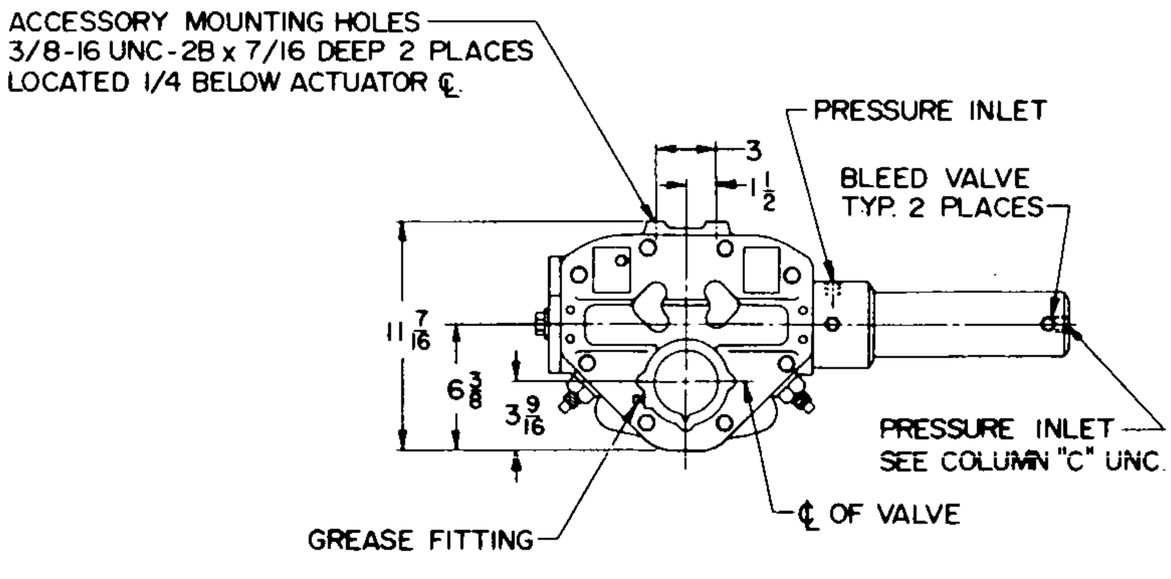
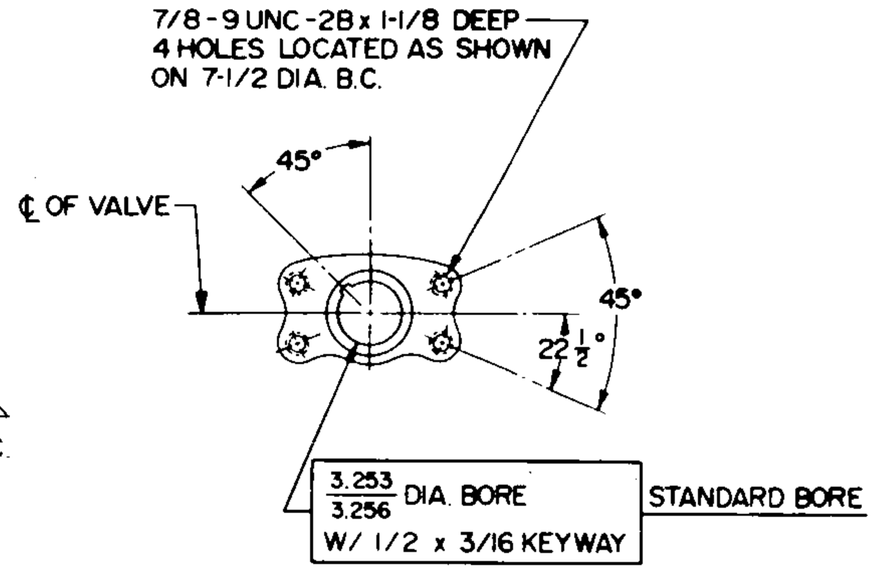
T-30B DOUBLE ACTING

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS

NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C
T-302.2B	2 7/8	25 5/8	9/16
T-302.7B	3 1/2		
T-303.5B	4		

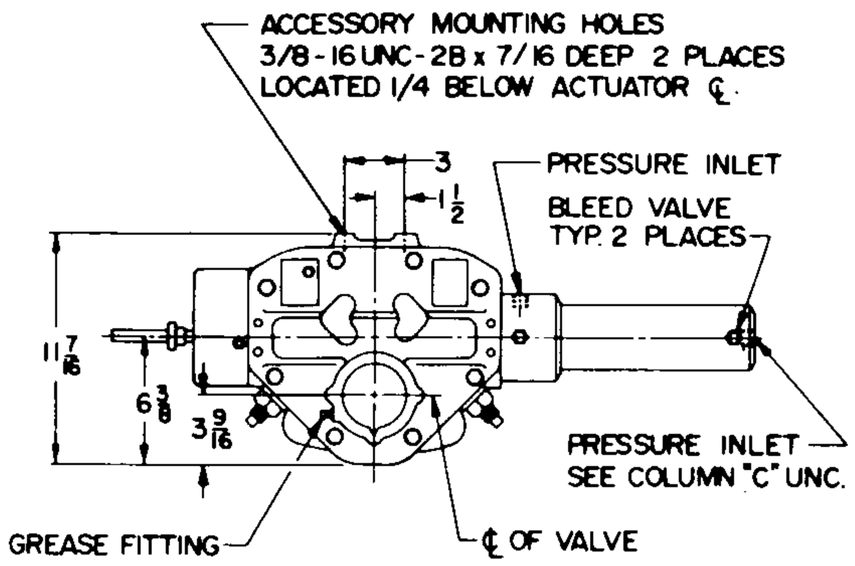
ACTUATOR MODEL	TORQUE (INCH LBS)	OPERATING PRESSURE LBS/SQ INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-302.2 B	BREAK	5580	8370	11160	13400	14500	15625	16740	17850	20100	21200	22300	27900	33500
	RUN	3100	4650	6200	7440	8060	8680	9300	9920	11160	11800	12400	14500	15400
T-302.7 B	BREAK	10000	15000	20000	24000	26000	28000	30000	32000	36000	38000	40000	49900	
	RUN	5550	8315	11090	13300	14415	15525	16630	17740	19960	21060	22175	27725	
T-303.5 B	BREAK	18225	27340	36450	43750	47400	51000	54700	58325					
	RUN	10125	15200	20250	24300	26325	28350	30375	32400					

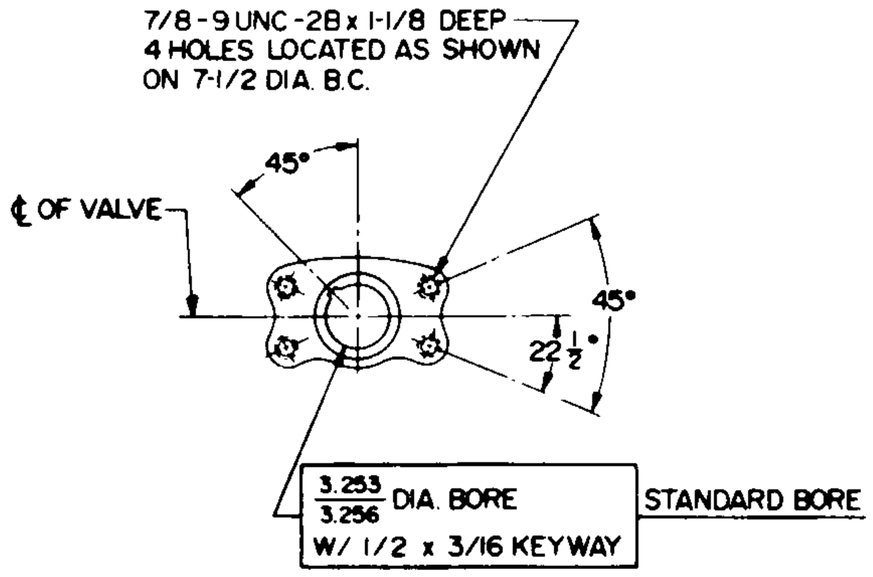
Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

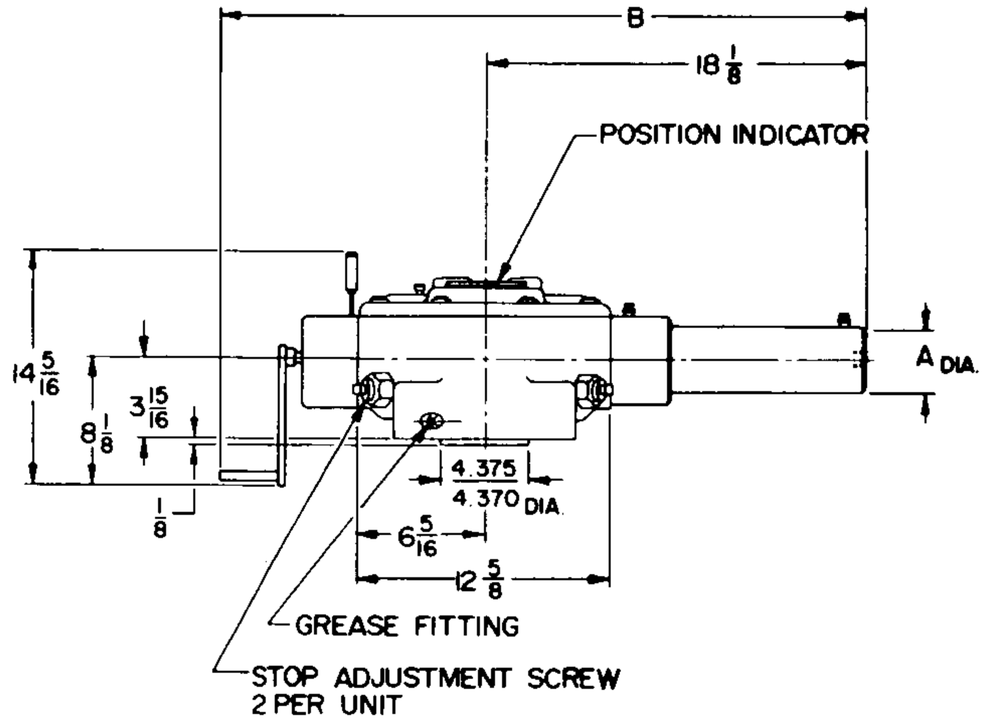
ACTUATOR MODEL	DISPLACEMENT PER STROKE (CU. IN.) CW	CCW	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-302.2B	14.1	22.4	44600	4000	4000	105
T-302.7B	25.2	33.4	55350	2775	2775	112
T-303.5B	45.9	54.1	58800	1615	1750	120

T-30B MANUAL





BOTTOM MOUNTING DIMENSIONS



NOTE
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C
T-302.2B-M	2 7/8	31 15/16	9/16
T-302.7B-M	3 1/2		
T-303.5B-M	4		

ACTUATOR MODEL	TORQUE (INCH LBS)	OPERATING PRESSURE LBS/SQ INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-302.2B-M	BREAK	5580	8370	11160	13400	14500	15625	16740	17850	20100	21200	22300	27900	33500
	RUN	3100	4650	6200	7440	8060	8680	9300	9920	11160	11800	12400	14500	15400
T-302.7B-M	BREAK	10000	15000	20000	24000	26000	28000	30000	32000	36000	38000	40000	49900	
	RUN	5550	8315	11090	13300	14415	15525	16630	17740	19960	21060	22175	27725	
T-303.5B-M	BREAK	18225	27340	36450	43750	47400	51000	54700	58325					
	RUN	10125	15200	20250	24300	26325	28350	30375	32400					

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE (CU. IN.) CW	CCW	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-302.2B-M	14.1	22.4	44600	4000	4000	121
T-302.7B-M	25.2	33.4	55350	2775	2775	128
T-303.5B-M	45.9	54.1	58800	1615	1750	136

T-30B SPRING RETURN

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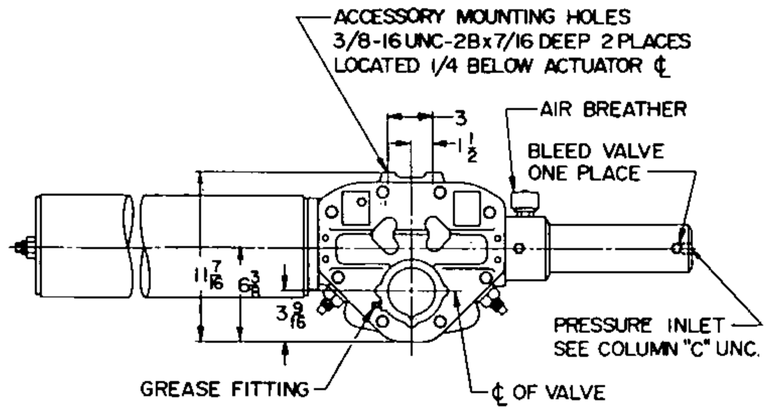
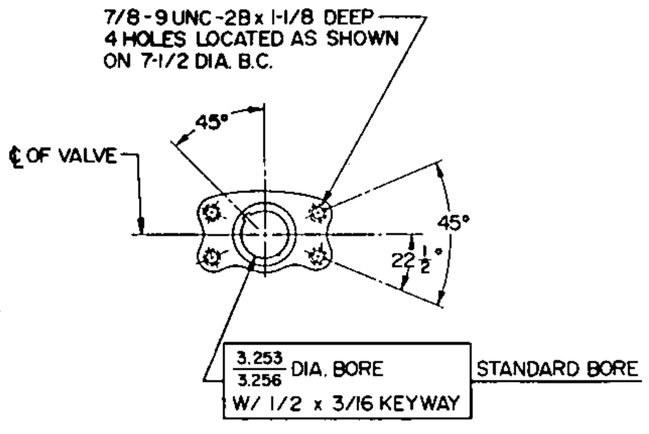
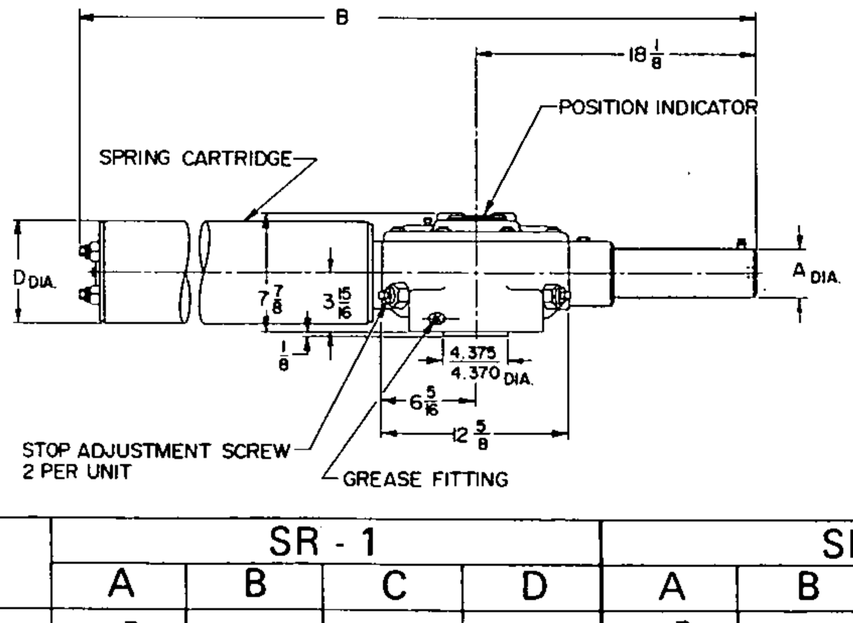




BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	SR - 1				SR - 2				SR - 3			
	A	B	C	D	A	B	C	D	A	B	C	D
T-302.2B-SR	2 7/8	63 7/16	9/16	11 3/8	2 7/8	54 5/16	9/16	10 3/4	2 7/8	56 9/16	9/16	7
T-302.7B-SR	3 1/2				3 1/2				3 1/2			
T-303.5B-SR	4				4				4			
MODEL	SR - 4				SR - 5							
	A	B	C	D	A	B	C	D	A	B	C	D
T-302.2B-SR	2 7/8	56 9/16	9/16	7	2 7/8	59 7/16	9/16	7				
T-302.7B-SR	3 1/2				3 1/2							
T-303.5B-SR	4				4							

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-302.2B-SR	ENDING							5	5	4	4	4	3	2
								4300	5510	6480	9570	9570	13400	19460
T-302.7B-SR	ENDING				5	5	5	4	4	3	2	2	2	1
					4230	5510	5510	9570	9570	13400	13910	19240	20200	27370
T-303.5B-SR	ENDING	5	5	4	4	3	3	2	2	2	1	1		
		4490	5510	8140	9570	10800	13400	17720	20200	20200	25130	28100		

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.

Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**

Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-302.2B-SR	22.4	.013	28400	SR-1			
				SR-2	3500	4000	290
				SR-3	3500	4000	223
				SR-4	3500	3500	210
				SR-5	3500	3500	230
T-302.7B-SR	33.4	.019	30000	SR-1	3100	3100	382
				SR-2	3000	3100	292
				SR-3	2700	3100	225
				SR-4	2700	3000	212
				SR-5	2700	3000	231
T-303.5B-SR	54.1	.031	29450	SR-1	2000	2000	387
				SR-2	1800	1900	297
				SR-3	1700	1900	230
				SR-4	1600	1700	217
				SR-5	1500	1700	237

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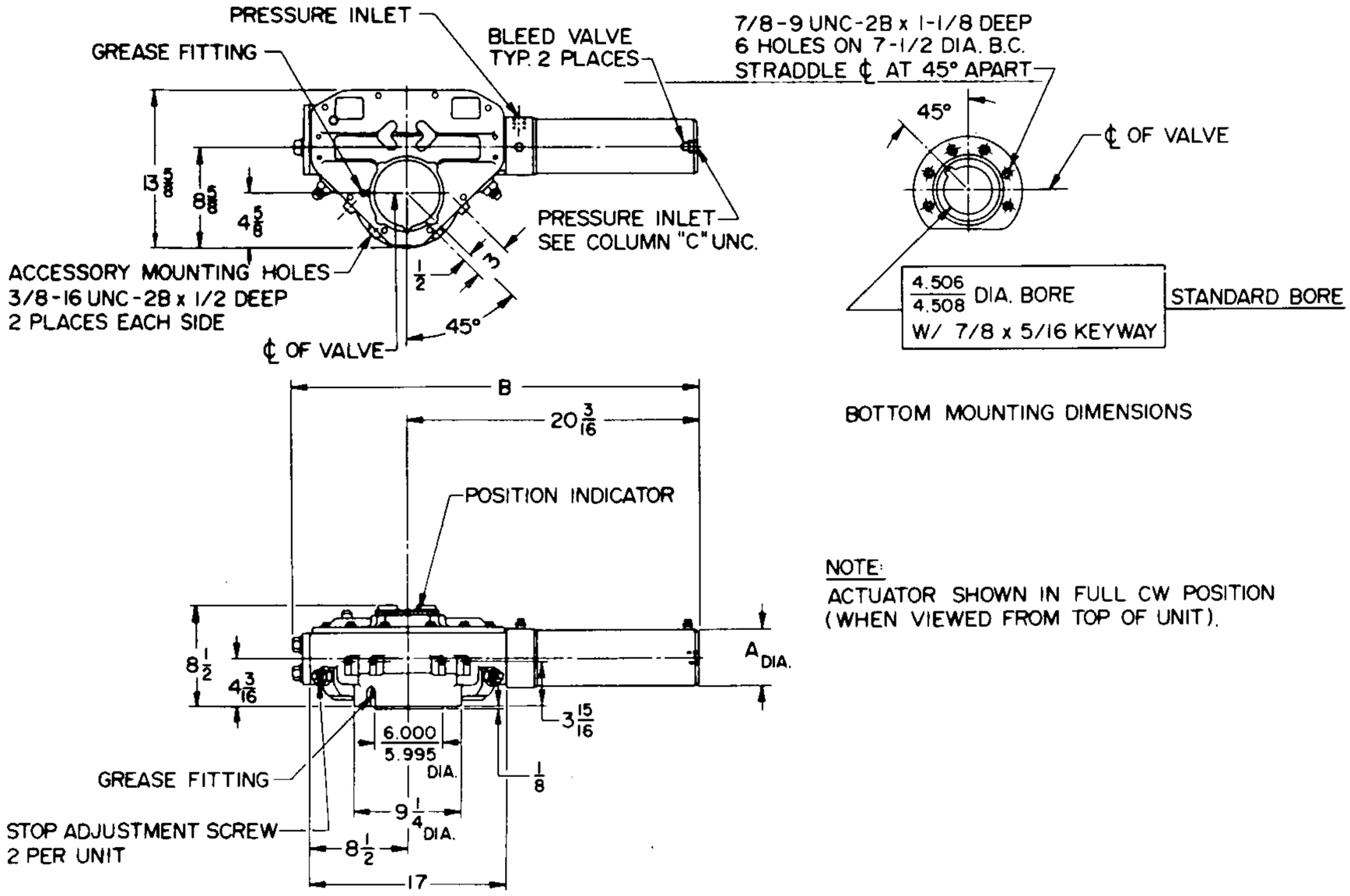
OCT. 2, 1976

T-40B DOUBLE ACTING



BOTTOM MOUNTING DIMENSIONS

NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C
T-402.7B	3 1/2	29 7/8	9/16
T-403.5B	4		
T-404.0B	4 1/2		

ACTUATOR MODEL	TORQUE (IN. LBS.)	OPERATING PRESSURE LBS/SQ. INCH 500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-402.7B	BREAK	14200	21300	28375	34050	36900	39750	42575	45405	51100	53925	56775	70975	85150
	RUN	7885	11825	15775	18925	20500	22075	23650	25225	28375	29950	31550	39425	47300
T-403.5B	BREAK	25925	38875	51850	62225	67400	72575	77775	82950	93325	98500	103700		
	RUN	14400	21600	28800	34575	37450	40325	43200	46075	57850	54725	57600		
T-404.0B	BREAK	35300	52450	70600	84750	91800	98850	105900	113000					
	RUN	19615	29425	39225	47075	51000	54925	58850	62775					

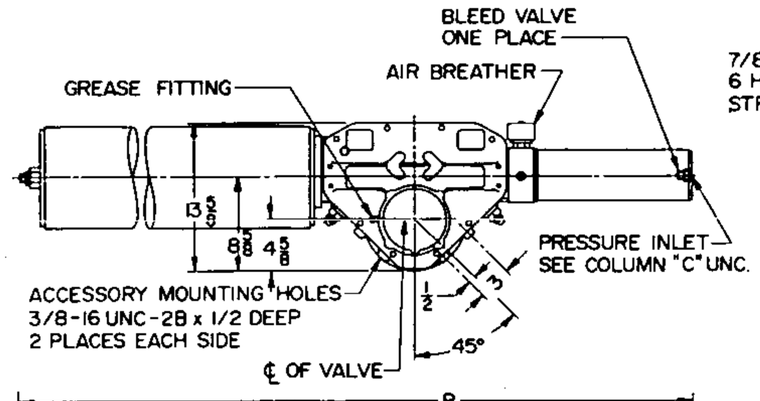
Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

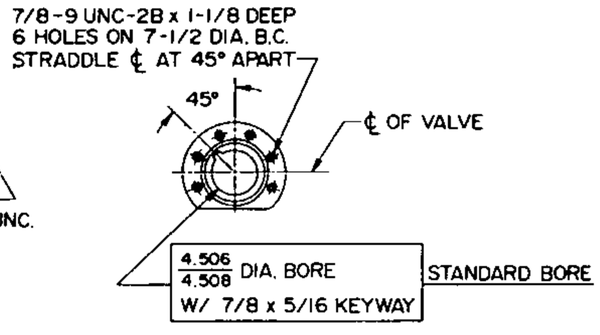
NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE (CU. IN.) CW	CCW	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-402.7B	35.8	47.5	106400	3750	3750	180
T-403.5B	65.3	77.0	114000	2200	2600	190
T-404.0B	89.9	100.5	114350	1620	2000	198

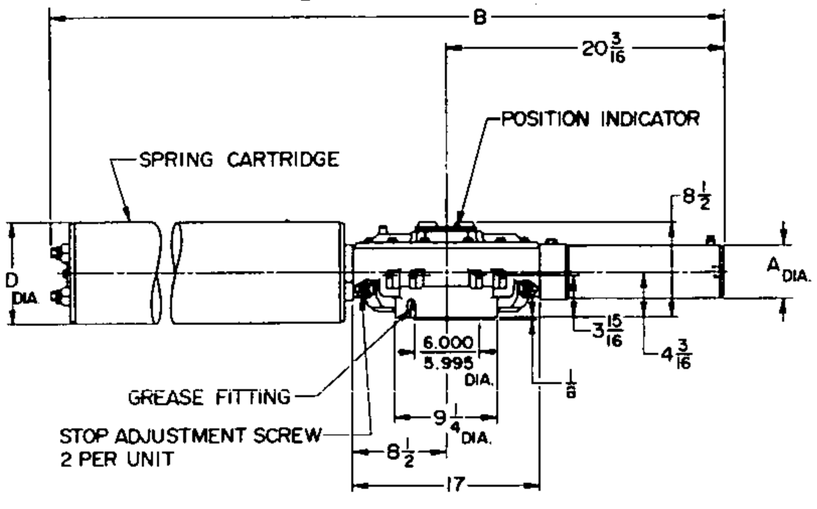
T-40B SPRING RETURN

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION (WHEN VIEWED FROM TOP OF UNIT).

MODEL	SR - 1				SR - 2				SR - 3			
	A	B	C	D	A	B	C	D	A	B	C	D
T-402.7B-SR	3 1/2	64 11/16	9/16	11 3/8	3 1/2	67 11/16	9/16	10 3/4	3 1/2	58 9/16	9/16	10 3/4
T-403.5B-SR	4				4				4			
T-404.0B-SR	4 1/2				4 1/2				4 1/2			
MODEL	SR - 4				SR - 5							
	A	B	C	D	A	B	C	D	A	B	C	D
T-402.7B-SR	3 1/2	60 13/16	9/16	7	3 1/2	63 11/16	9/16	7				
T-403.5B-SR	4				4							
T-404.0B-SR	4 1/2				4 1/2							

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-402.7B-SR	ENDING								5 13300	5 13300	4 19900	4 19900	3 29400	3 29400
T-403.5B-SR	ENDING				5 9610	5 13300	5 13300	4 19900	3 29400	3 29400	3 29400	2 35855		
T-404.0B-SR	ENDING		5 8590	5 13300	4 16500	4 19900	3 25470	3 29400	3 29400	2 41300	2 41300			

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
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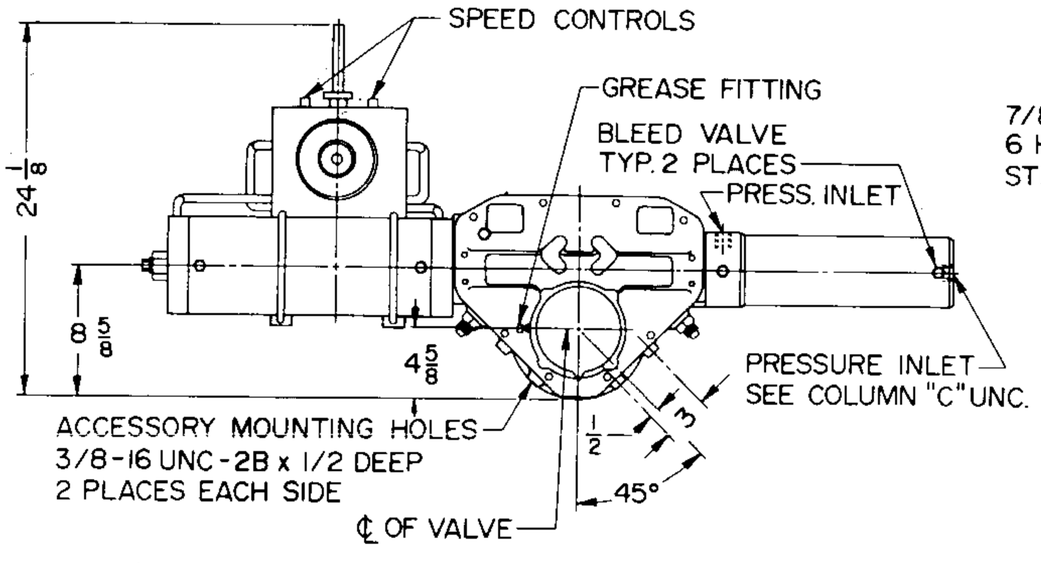
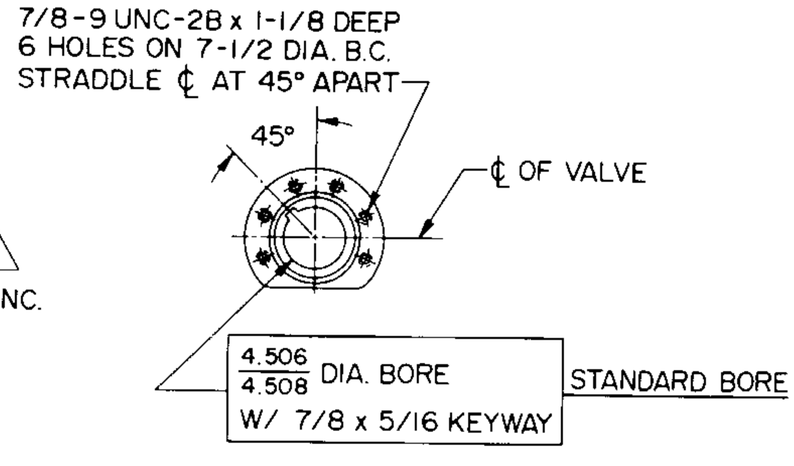
ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-402.7B-SR	47.5	.027	59200	SR-1			
				SR-2			
				SR-3	3000	3100	353
				SR-4	2800	3100	286
				SR-5	2800	3100	287
T-403.5B-SR	77.0	.045	66950	SR-1			
				SR-2	2500	2500	450
				SR-3	2400	2500	373
				SR-4	2300	2500	306
				SR-5	2300	2500	307
T-404.0B-SR	101.5	.058	89800	SR-1			
				SR-2	2200	2300	472
				SR-3	2000	2175	395
				SR-4	1900	2050	328
				SR-5	1800	1975	329

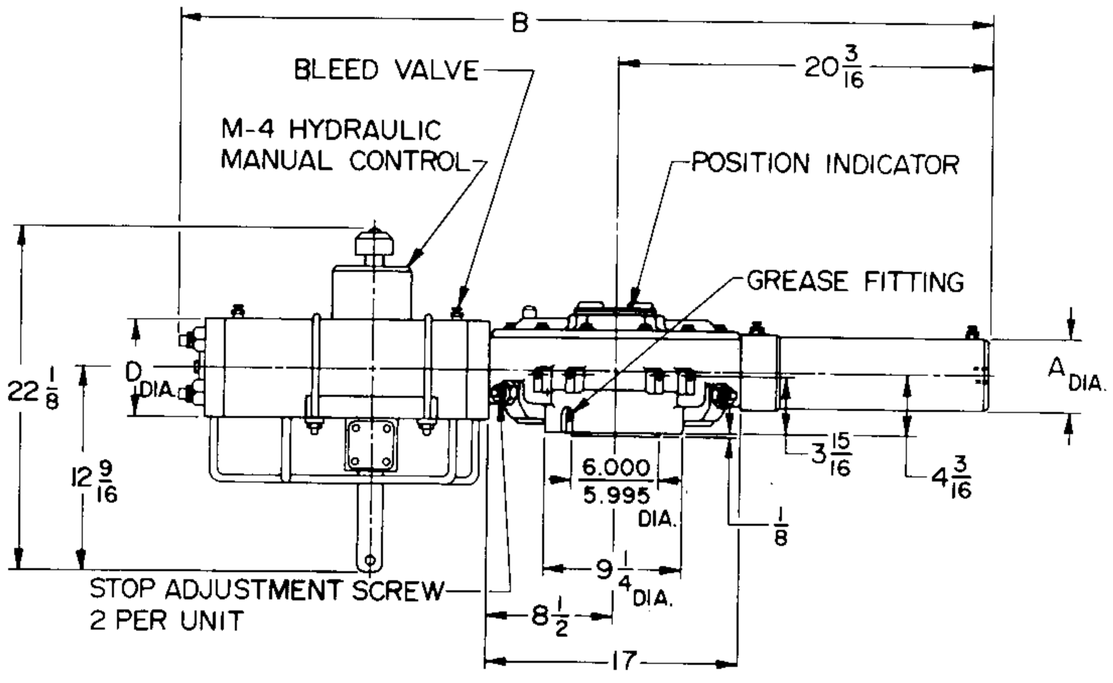
T-40B-H W/M4 HYDRAULIC MANUAL CONTROL

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C	D
T-402.7B-H	3 1/2	45 11/16	9/16	5 3/4
T-403.5B-H	4			
T-404.0B-H	4 1/2			

ACTUATOR MODEL	TORQUE (IN. LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-402.7B-H	BREAK	14200	21300	28375	34050	36900	39750	42575	45405	51100	53925	56775	70975	85150
	RUN	7885	11825	15775	18925	20500	22075	23650	25225	28375	29950	31550	39425	47300
T-403.5B-H	BREAK	25925	38875	51850	62225	67400	72575	77775	82950	93325	98500	103700		
	RUN	14400	21600	28800	34575	37450	40325	43200	46075	57850	54725	57600		
T-404.0B-H	BREAK	35300	52950	70600	84750	91800	98850	105900	113000					
	RUN	19615	29425	39225	47075	51000	54925	58850	62775					

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
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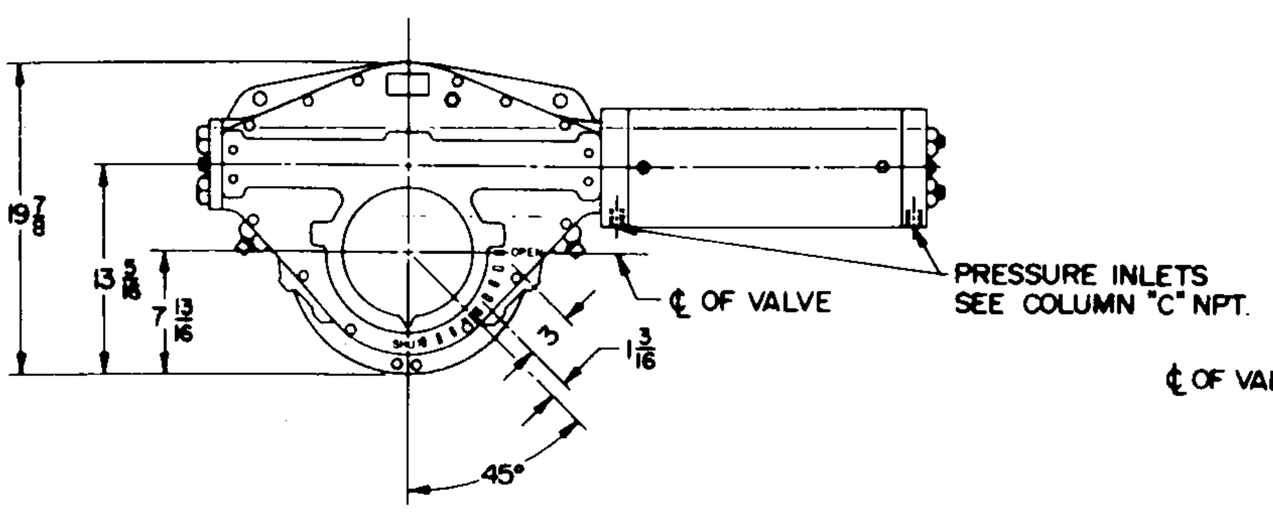
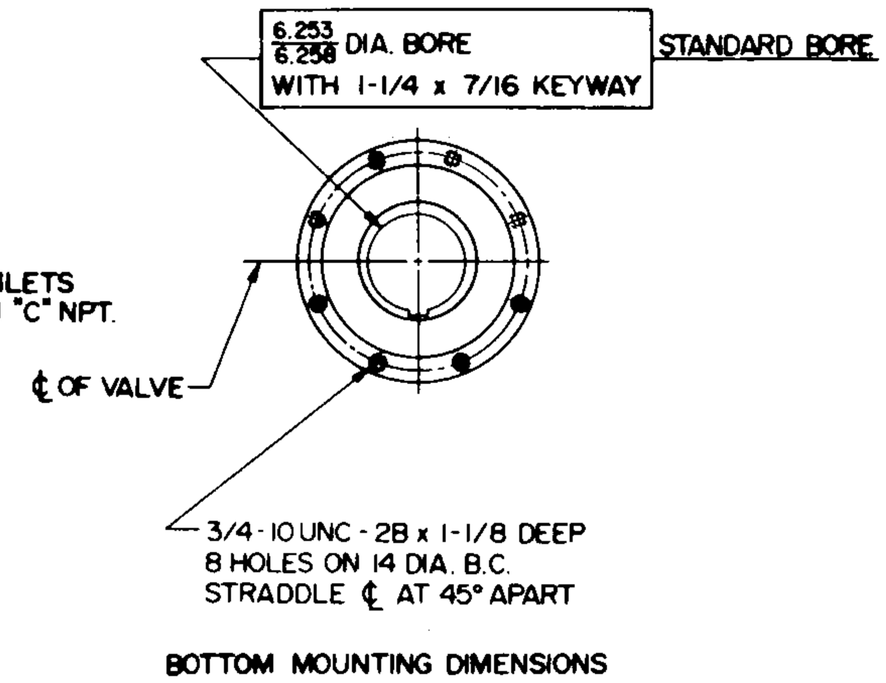
ACTUATOR MODEL	DISPLACEMENT PER STROKE (CU. IN.) CW	CCW	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-402.7B-H	35.8	47.5	106400	3750	3750	196
T-403.5B-H	65.3	77.0	114000	2200	2600	206
T-404.0B-H	88.9	100.5	114350	1620	2000	214

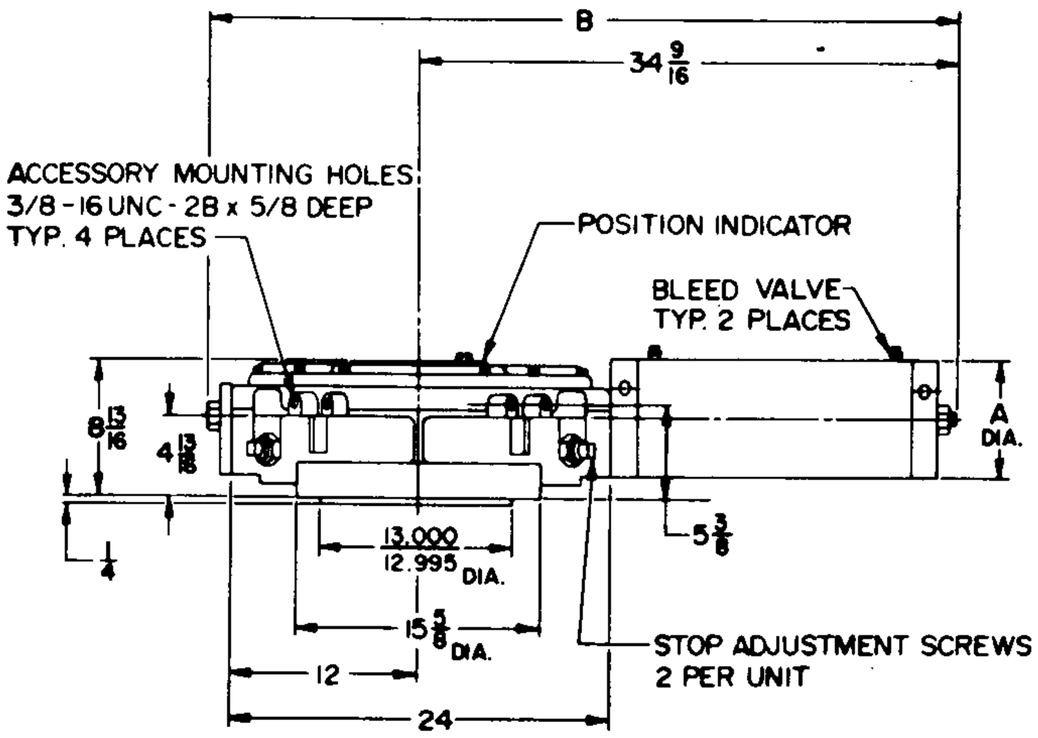
T-50B DOUBLE ACTING

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C
T-505B	5 3/4	47 3/4	3/8
T-507B	8		

ACTUATOR MODEL	TORQUE (IN-LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-505B	BREAK	66000	99000	132000	158000	171000	184000	198000	211000					
	RUN	36700	50000	73400	88000	95340	102000	110000	117500					
T-507B	BREAK	145000												
	RUN	80700												

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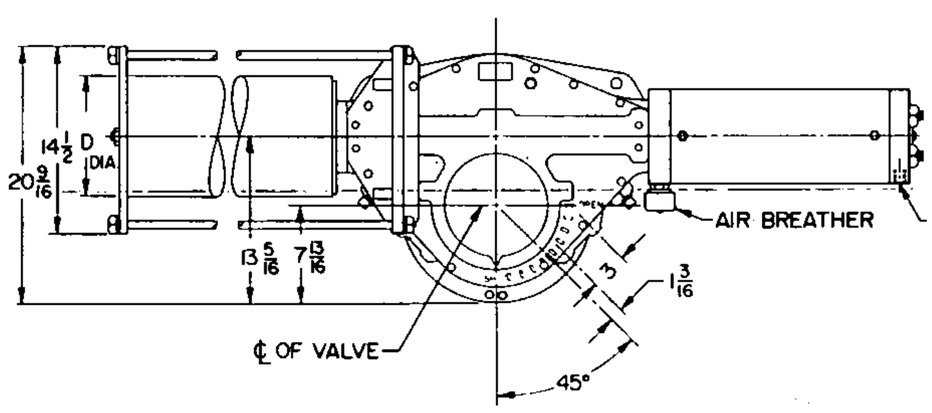
NOTE: Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.

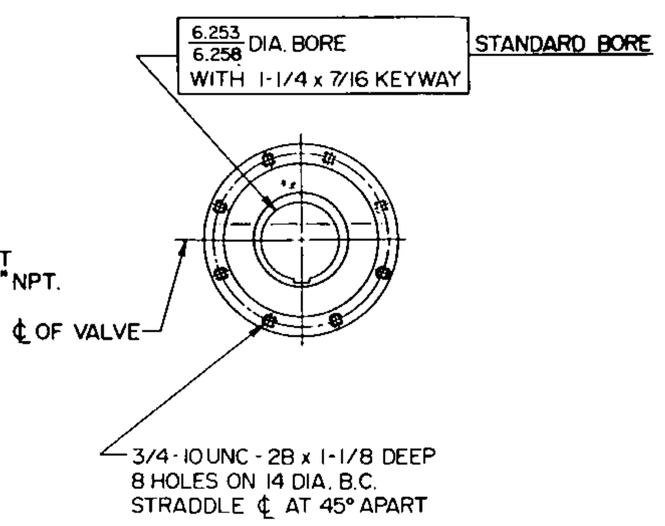
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-505B	216	.125	225,000	1700	1800	410
T-507B	423	.244	220,200	725	850	450

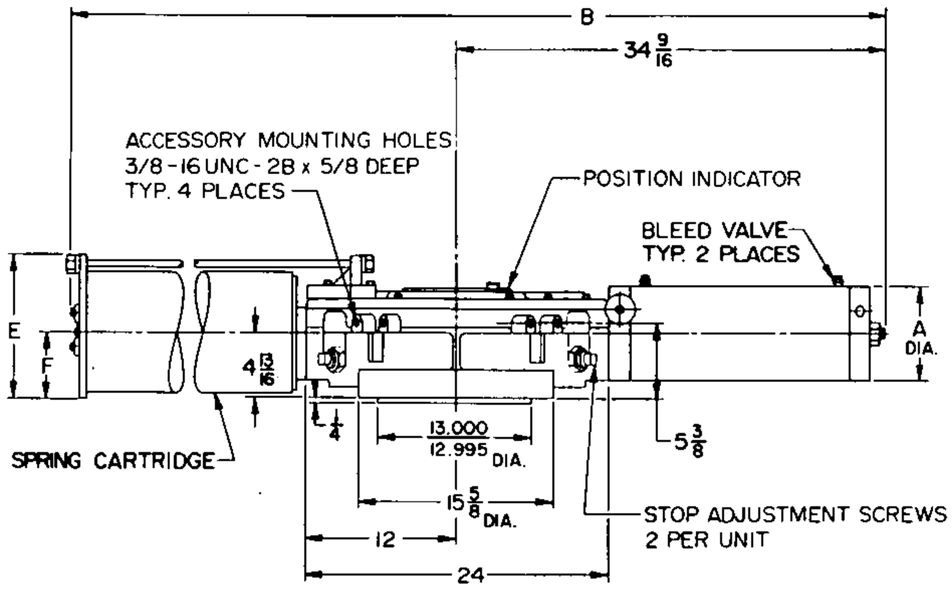
T-50B SPRING RETURN

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	SR - 1						SR - 2						SR - 3					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-505B-SR	5 3/4	121 3/16	3/8	12 1/8	13 9/16	6 5/16	5 3/4	111 3/16	3/8	11 3/8	13 3/16	5 15/16	5 3/4	96 13/16	3/8	10 5/8	12 13/16	5 9/16
T-507B-SR	8						8						8					
MODEL	SR - 4																	
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-505B-SR	5 3/4	103 7/16	3/8	10 5/8	12 13/16	5 9/16												
T-507B-SR	8																	

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-507.0B-SR	ENDING			4 39900	3 46000	3 48000	3 48000	3 48000	2 80100	2 81500				
T-507.0B-SR	ENDING	3 48000	2 53600	2 81500	2 81500	1 93400	1 111000	1 111000						

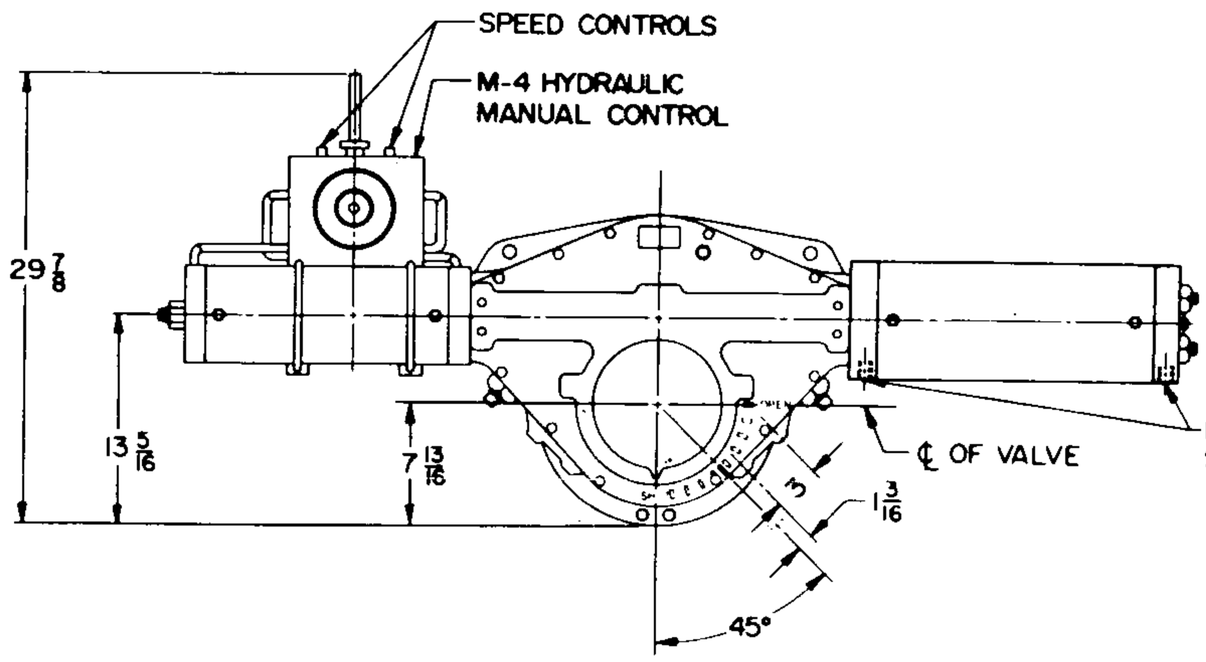
Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

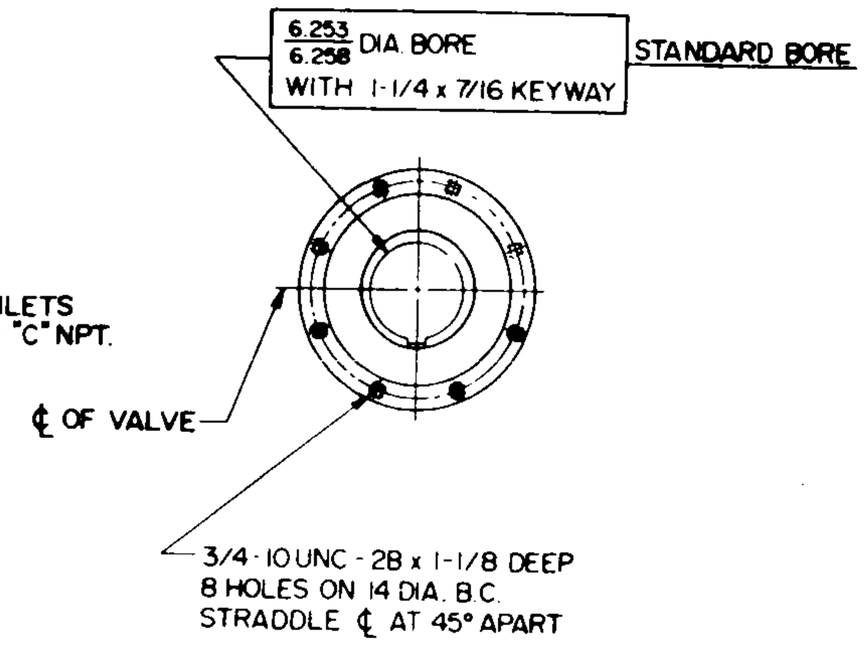
NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN LBS.)	MAX. OPERATING PRESS. (PSIG)		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-505.0B-SR	216	.125	210700	SR-1			
				SR-2	2075	2075	900
				SR-3	2075	2075	784
				SR-4	2075	2075	784
				SR-5			
T-507.0B-SR	423	.244	219800	SR-1	1250	1250	1010
				SR-2	1100	1225	915
				SR-3	920	1100	800
				SR-4			
				SR-5			

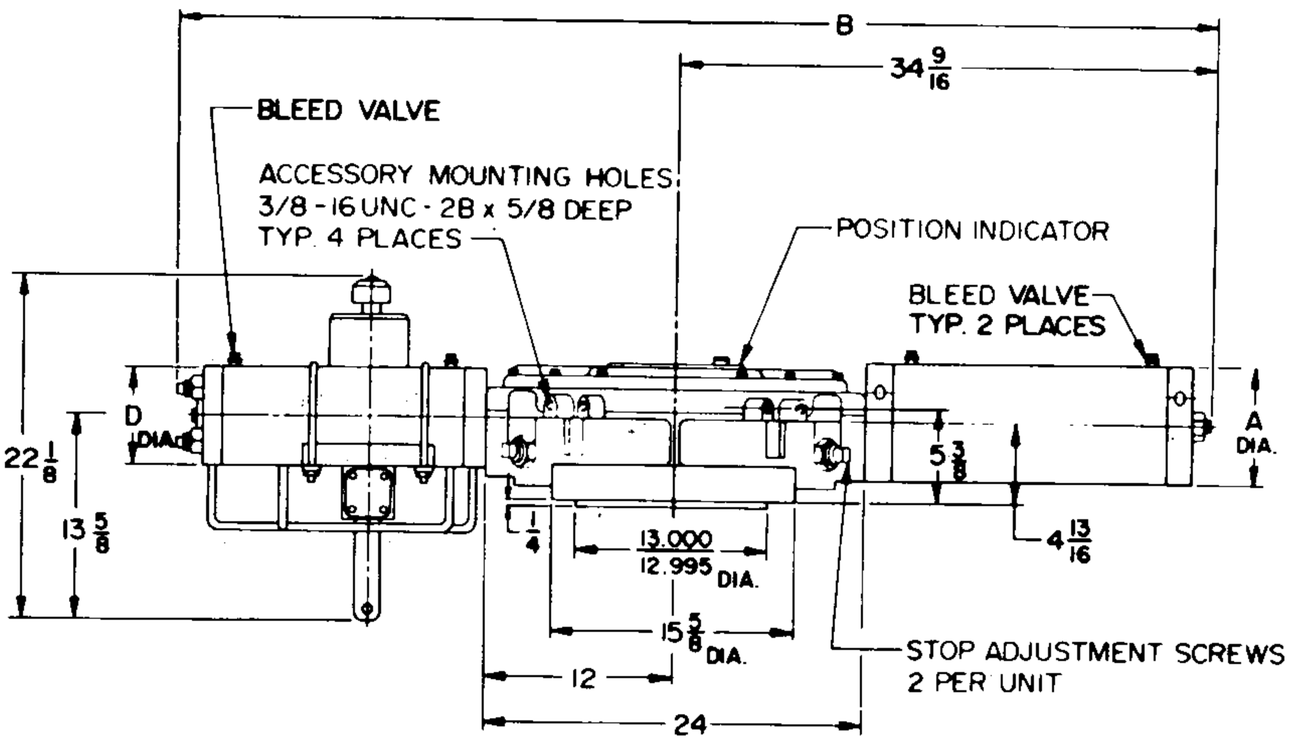
T-50B-H W/M4 HYDRAULIC MANUAL CONTROL

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION (WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C	D
T-505B-H	5 3/4	69 1/8	3/8	8
T-507B-H	8			

ACTUATOR MODEL	TORQUE (IN-LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-505B-H	BREAK	66000	99000	132000	158000	171000	184000	198000	211000					
	RUN	36700	50000	50000	88000	95340	102000	110000	117500					
T-507B-H	BREAK	145000												
	RUN	80700												

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

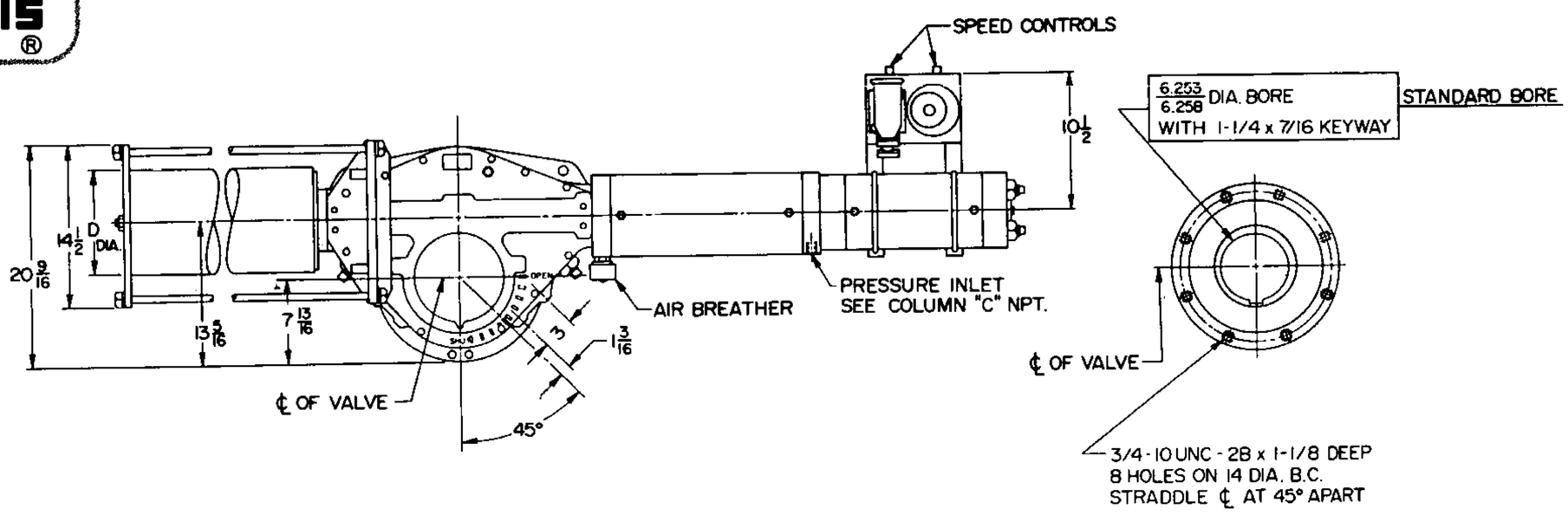
NOTE: Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.

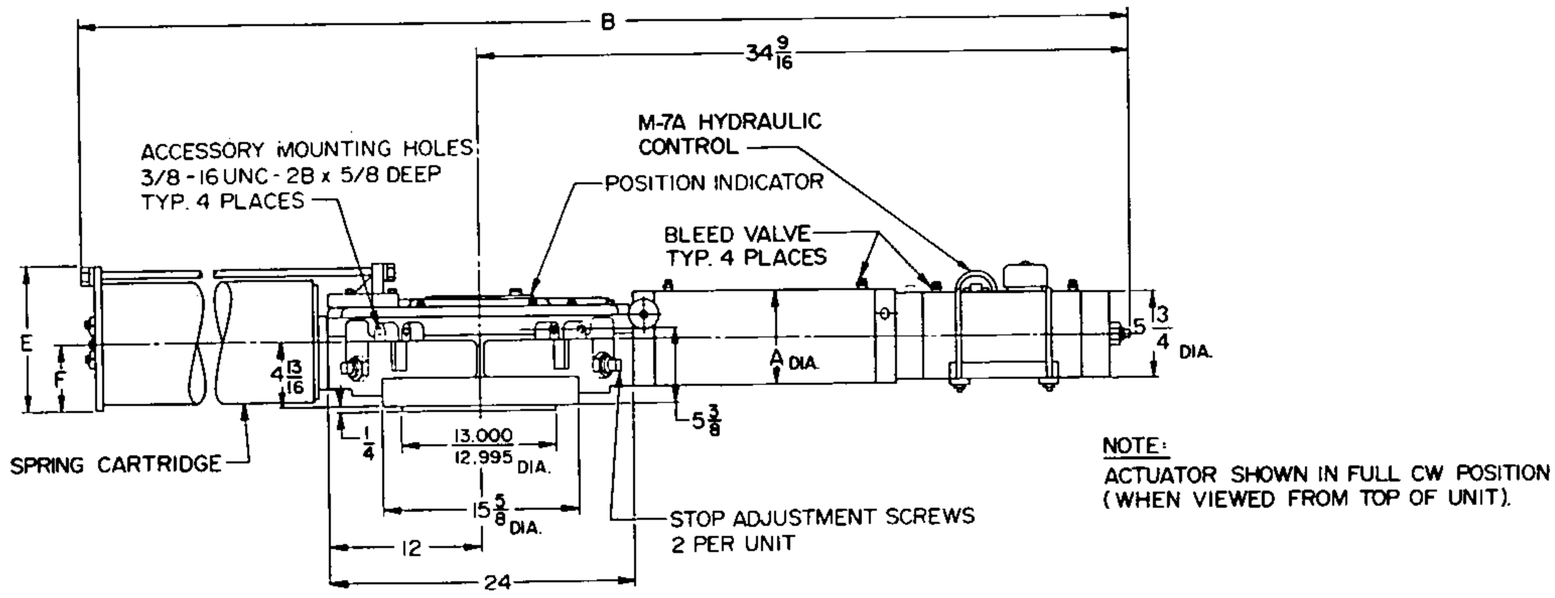
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-505 B-H	216	.125	225,000	1700	1800	426
T-507 B-H	423	.244	220,200	725	850	466

T-50B-SR-H W/M7A
HYDRAULIC CONTROL

BULLETIN HPT-3458
OCT. 2, 1976





NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	SR - 1						SR - 2						SR - 3					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-505B-SR-H	5 3/4	141 3/4	3/8	12 1/8	13 9/16	6 5/16	5 3/4	131 3/4	3/8	11 3/8	13 3/16	5 15/16	5 3/4	117 3/8	3/8	10 3/4	12 13/16	5 9/16
T-507B-SR-H	8						8						8					
MODEL	SR - 4																	
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-505B-SR-H	5 3/4	124	3/8	10 3/4	12 13/16	5 9/16												
T-507B-SR-H	8																	

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-505.0B-SR-H	ENDING			4 39900	3 46000	3 48000	3 48000	3 48000	2 80100	2 81500				
T-507.0B-SR-H	ENDING	3 48000	2 53600	2 81500	2 81500	1 93400	1 111000	1 111000						

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN LBS.)	MAX. OPERATING PRESS. (PSIG)		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-505.0B-SR-H	216	.125	210700	SR-1			
				SR-2	2075	2075	910
				SR-3	2075	2075	794
				SR-4	2075	2075	794
				SR-5			
T-507.0B-SR-H	423	.244	219800	SR-1	1250	1250	1020
				SR-2	1100	1225	925
				SR-3	920	1100	810
				SR-4			
				SR-5			

T-80B DOUBLE ACTING

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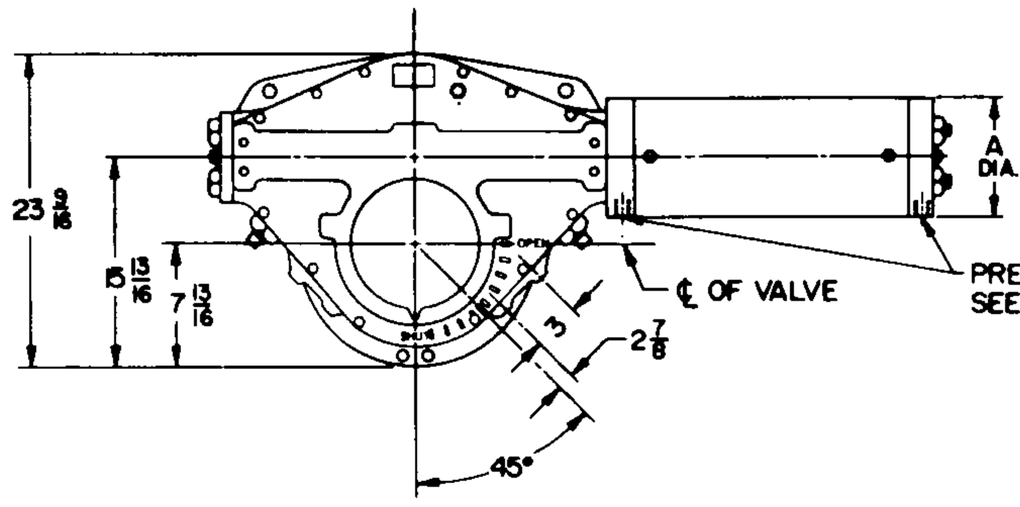
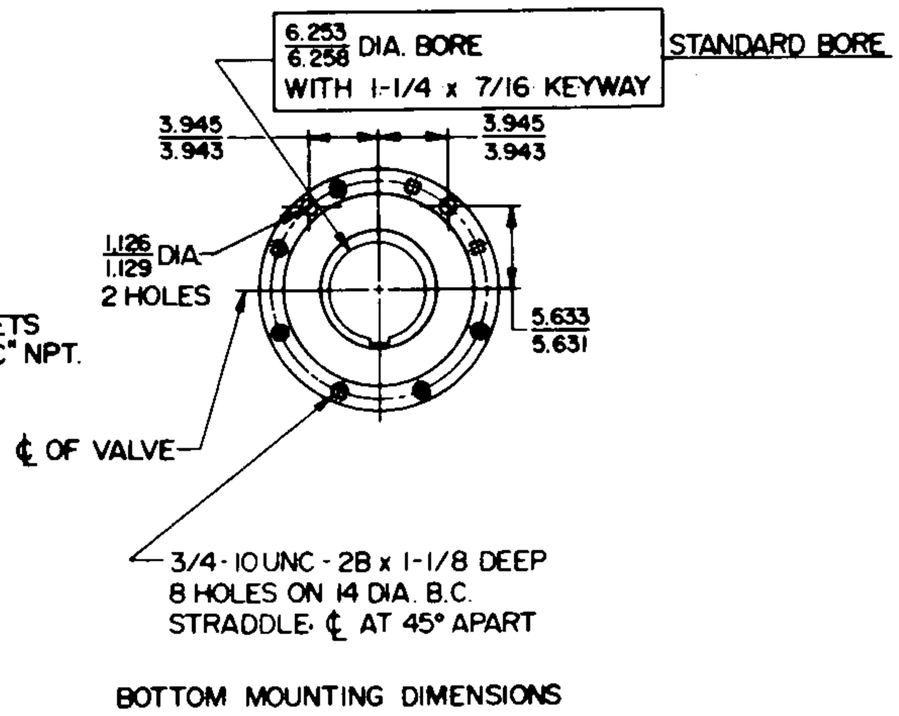
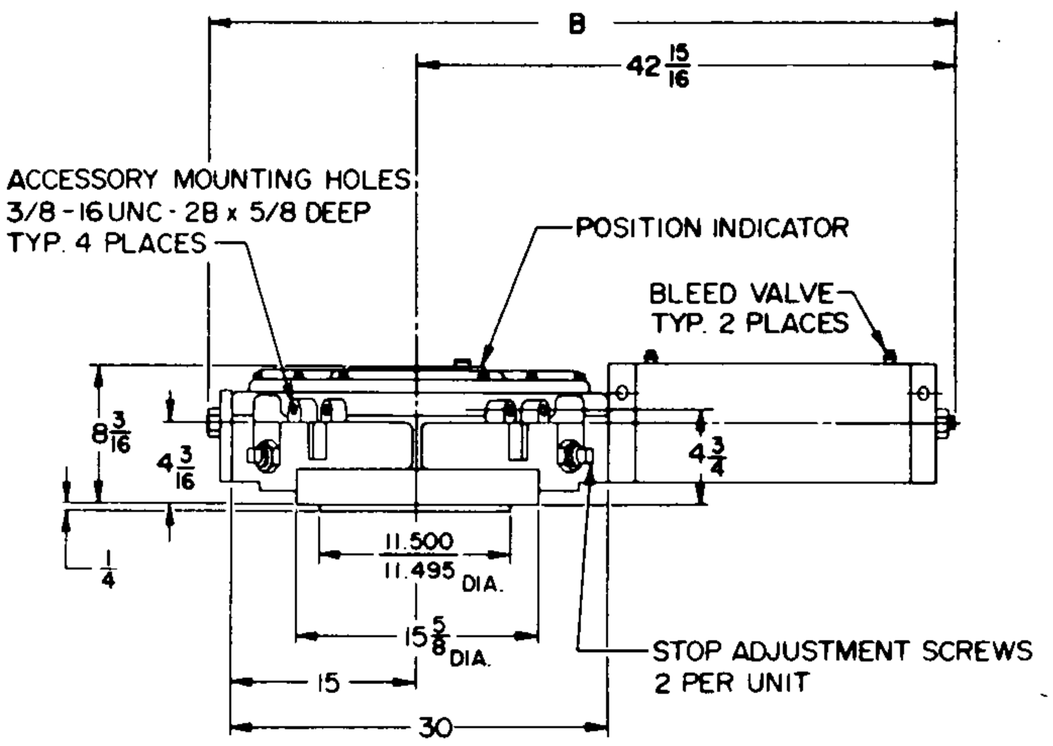
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C
T-805B	5 3/4	60	3/8
T-807B	8		

ACTUATOR MODEL	TORQUE (IN. LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-805B	BREAK	103000	156000	208000	250000	270400	291000	312000	332000	374000	395200	416000		
	RUN	57700	85830	115500	138000	148772	161000	171660	185000	208000	217430	231000		
T-807B	BREAK	228000	342000											
	RUN	127100	190000											

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
Maximum allowable working pressure is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

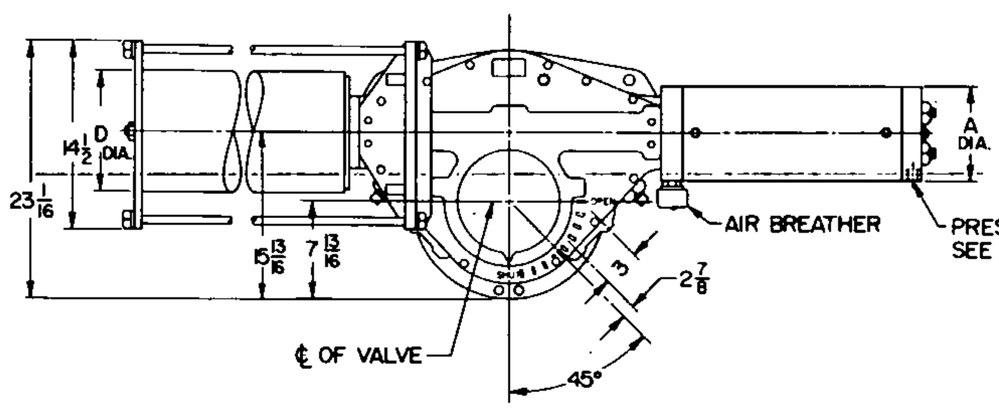
NOTE: Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.

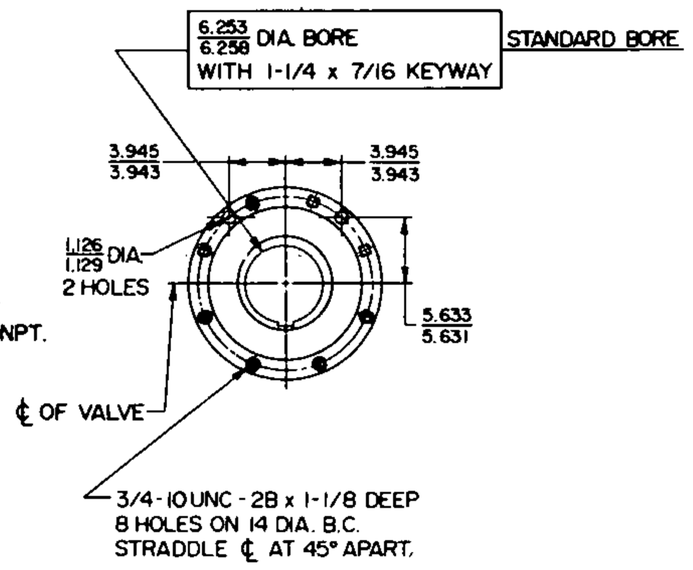
Test pressure is 1.25 times the maximum allowable working pressure when applied to both sides of the cylinder simultaneously.

ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRESS. (PSIG)	MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-805B	314	.182	450000	2075	2075	465
T-807B	615.8	.356	439450	920	1200	496

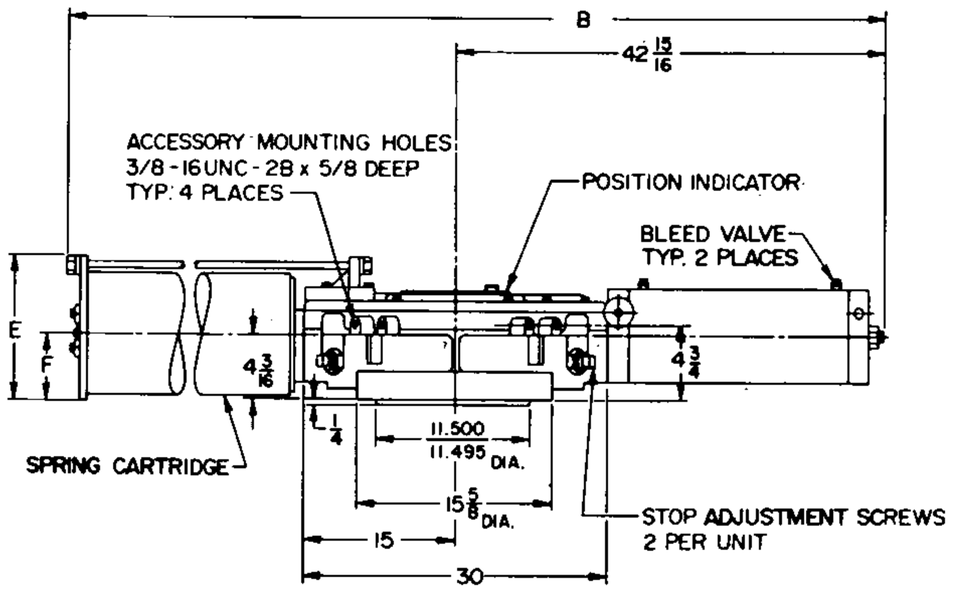
T-80B SPRING RETURN

BULLETIN HPT-3458
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION
(WHEN VIEWED FROM TOP OF UNIT).

MODEL							SR - 2						SR - 3					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-805B-SR							5 3/4	159 5/8	3/8	12 1/8	13 9/16	6 5/16	5 3/4	149 5/8	3/8	11 3/8	13 3/16	5 15/16
T-807B-SR							8						8					
MODEL	SR - 4						SR - 5											
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
T-805B-SR	5 3/4	158 5/8	3/8	11 3/8	13 3/16	5 15/16	5 3/4	141 7/8	3/8	10 5/8	12 13/16	5 9/16						
T-807B-SR	8						8											

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-805.0B-SR	ENDING								3 101800	3 129000				
T-807.0B-SR	ENDING	5 63300	4 95600	3 109100	3 129000	3 129000	2 159500	2 177000						

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
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NOTE: **Pressures applied to only one end of the cylinder in excess of the maximum allowable working pressure may result in permanent deformation of the torque producing mechanism of the actuator.**
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ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	CU. FT.	MAX. TORQUE (IN LBS.)	MAX. OPERATING PRESS. (PSIG).		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-805B-SR	314	.182	313750	SR-1			
				SR-2			
				SR-3	2100	2100	1160
				SR-4			
				SR-5			
T-807.0B-SR	615.8	.356	296650	SR-1			
				SR-2	1225	1225	1250
				SR-3	1225	1225	1181
				SR-4	1225	1225	1205
				SR-5	1100	1225	1150

T-80B-H W/M4 HYDRAULIC MANUAL CONTROL

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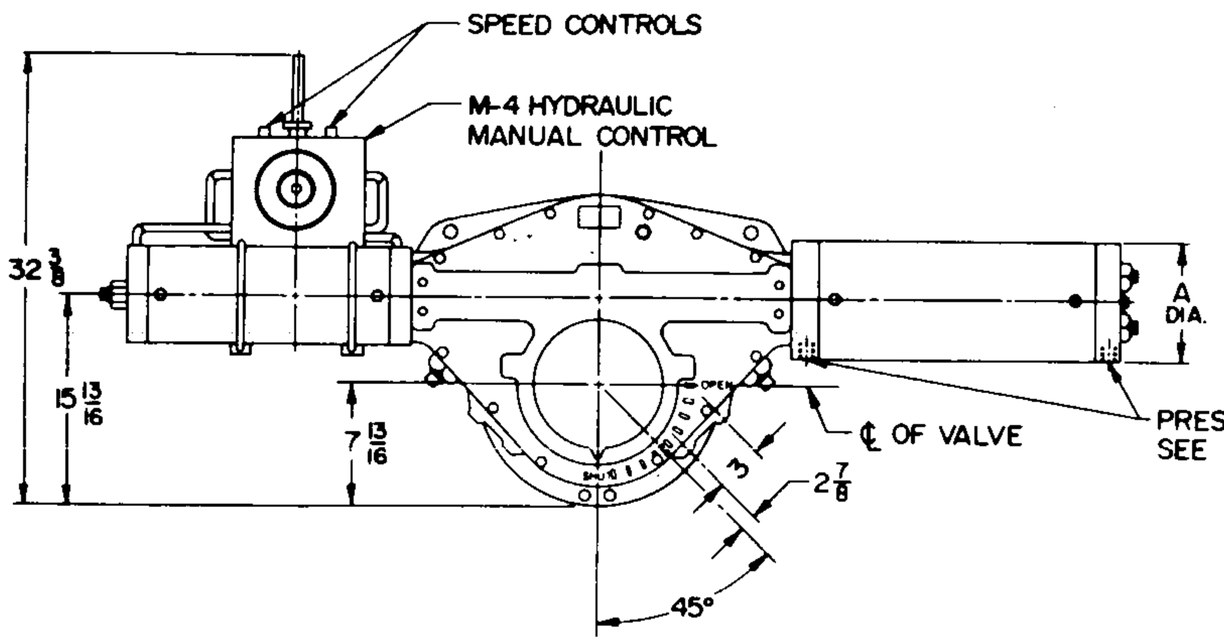
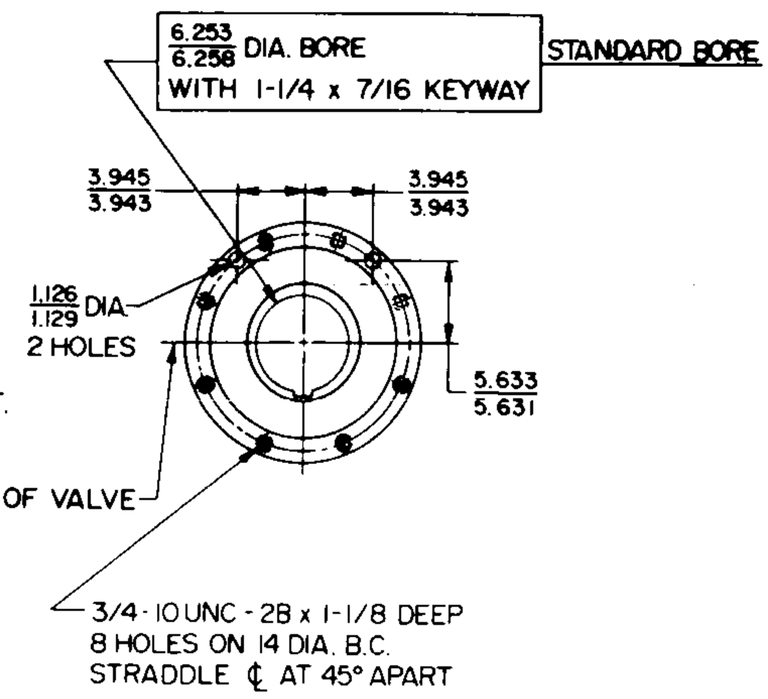
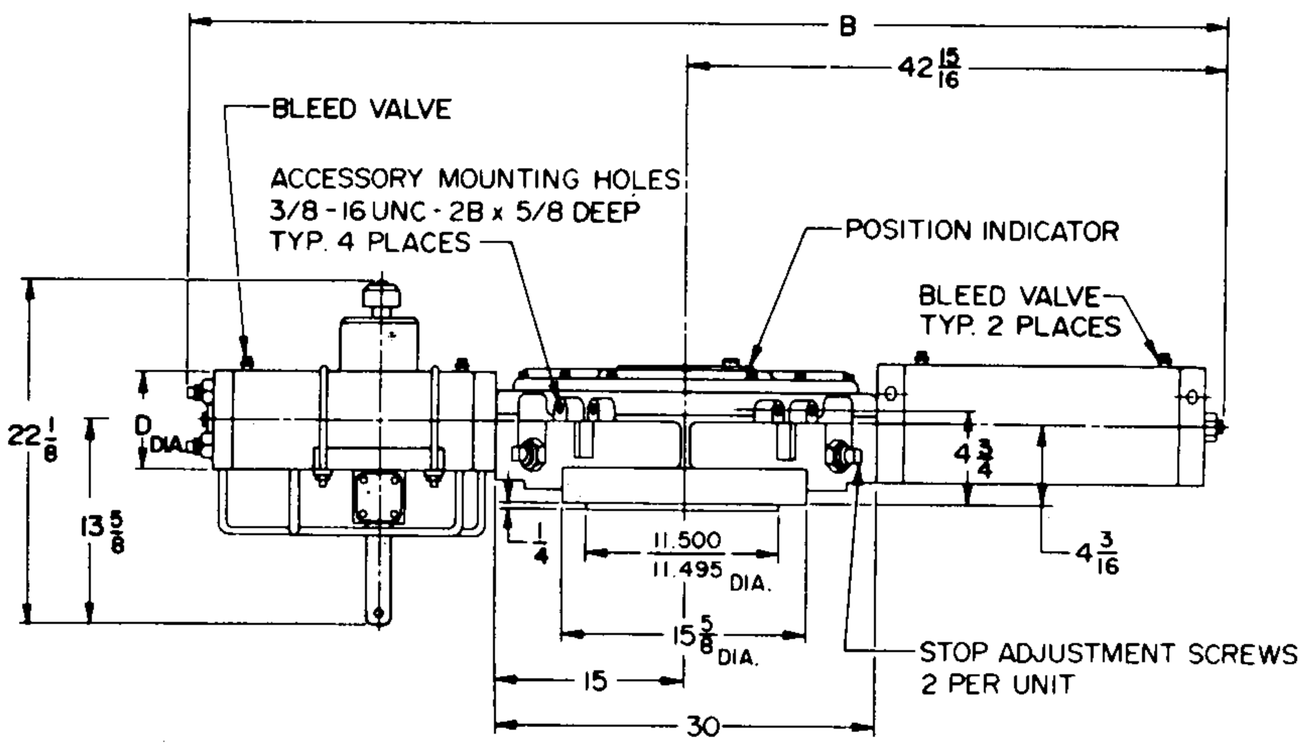
OCT. 2, 1976





BOTTOM MOUNTING DIMENSIONS



NOTE:
ACTUATOR SHOWN IN FULL CW POSITION (WHEN VIEWED FROM TOP OF UNIT).

MODEL	A	B	C	D
T-805B-H	5 3/4	85 13/16	3/8	8
T-807B-H	8			

ACTUATOR MODEL	TORQUE (IN. LBS.)	OPERATING PRESSURE LBS/SQ. INCH												
		500	750	1000	1200	1300	1400	1500	1600	1800	1900	2000	2500	3000
T-805B-H	BREAK	103000	156000	208000	250000	270400	291000	312000	332000	374000	395200	416000		
	RUN	57700	85830	115500	138000	148772	161000	171660	185000	208000	217430	231000		
T-807B-H	BREAK	228000	342000											
	RUN	127100	190000											

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
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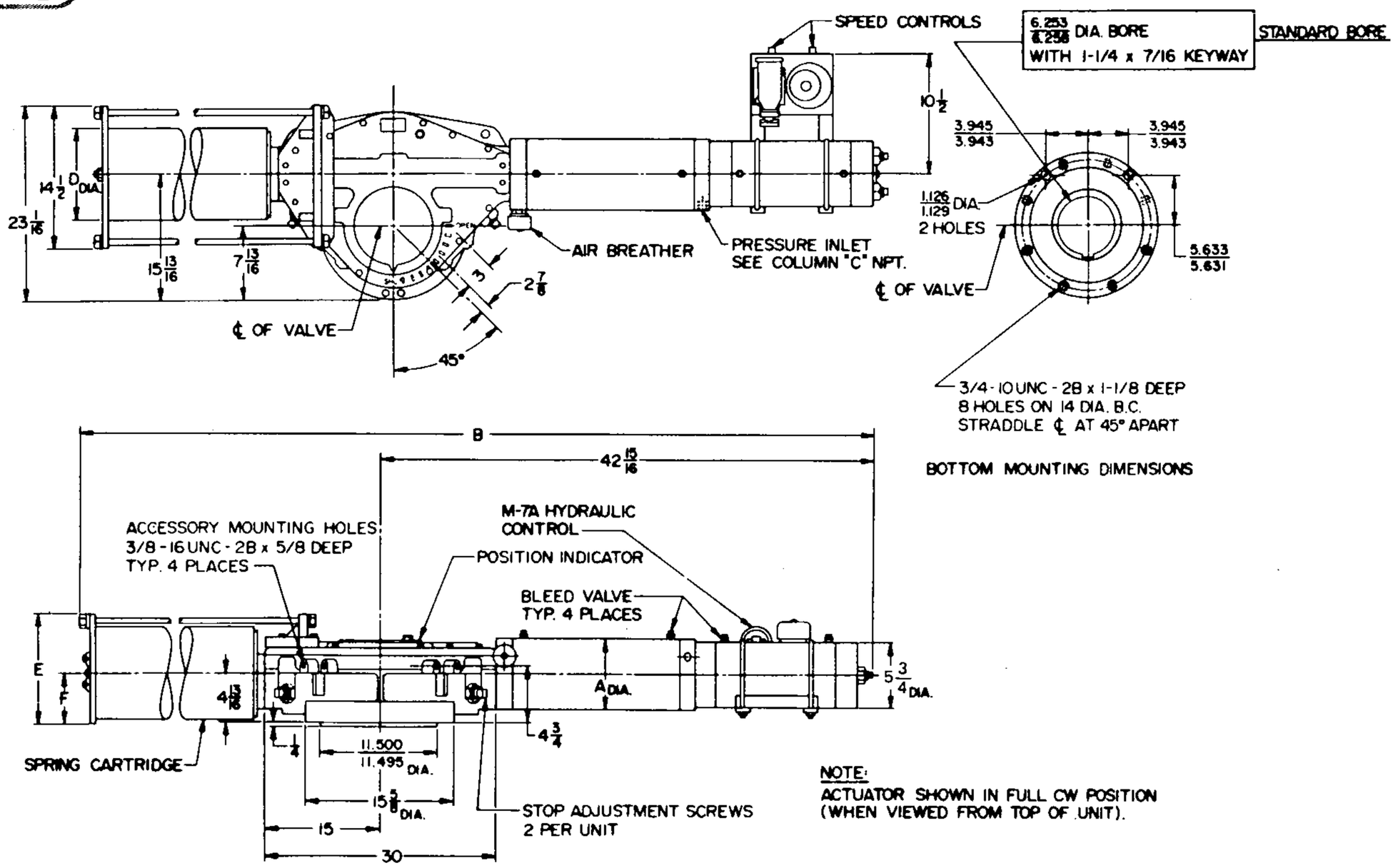
ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	DISPLACEMENT PER STROKE CU. FT.	MAX. TORQUE (IN. LBS.)	MAX. OPER. PRES (PSIG)	MAX. ALLOWABLE WORK. PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-805B-H	314	.182	450000	2075	2075	481
T-807B-H	615.8	.356	439450	920	1200	512

T-80B-SR-H W/M7A HYDRAULIC CONTROL

BULLETIN HPT-3458
OCT. 2, 1976



MODEL	SR - 2						SR - 3					
	A	B	C	D	E	F	A	B	C	D	E	F
T-805B-SR-H	5 3/4	159 5/8	3/8	12 1/8	13 9/16	6 5/16	5 3/4	149 5/8	3/8	11 3/8	13 3/16	5 15/16
T-807B-SR-H	8						8					
MODEL	A	B	C	D	E	F	A	B	C	D	E	F
T-805B-SR-H	5 3/4	158 5/8	3/8	11 3/8	13 3/16	5 15/16	5 3/4	141 7/8	3/8	10 5/8	12 13/16	5 9/16						
T-807B-SR-H	8						8											

ACTUATOR MODEL	TORQUE (INCH LBS.)	OPERATING PRESSURE LBS/SQ. INCH											
		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
T-805.0B-SR-H	ENDING								3 101800	3 129000				
T-807.0B-SR-H	ENDING	5 63300	4 95600	3 109100	3 129000	3 129000	2 159500	2 177000						

Maximum operating pressure is the pressure required to produce the maximum rated torque of a double acting actuator.
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ACTUATOR MODEL	DISPLACEMENT PER STROKE CU. IN.	CU. FT.	MAX. TORQUE (IN LBS.)	MAX. OPERATING PRESS. (PSIG)		MAX. ALLOWABLE WORK PRESS. (PSIG)	APPROXIMATE WEIGHT (LBS.)
T-805.0B-SR-H	314	.182	313750	SR-1			
				SR-2			
				SR-3	2100	2100	1170
				SR-4			
				SR-5			
T-807.0B-SR-H	615.8	.356	296650	SR-1			
				SR-2	1225	1225	1260
				SR-3	1225	1225	1191
				SR-4	1225	1225	1215
				SR-5	1100	1225	1160