

CUSTOMER: BROCK & DAVIS, CO., INC.
CUSTOMER P.O.: 3358
PRATT ORDER NO.: 8-6436
PROJECT: ROANOKE, VA.

PAINT:
ASPHALT VARNISH FED. SPEC. TT-Y-51C, 2-COATS.

ITEM	QUAN.	SIZE	TAG	MOTOR	OPERATING TIME	OPERATOR DESCRIPTION
2	1	36"		SMB-40	15 SEC.	H3BC

SINGLE SEAT X DOUBLE SEAT
CURRENT 460 VOLTS A.C., 60 CY., 3 Ø

150# BALL VALVE

NOM. VALVE SIZE	A	B	C	D	E	F	G	EH	EJ	EL	EM	EN	EP	ER	ES	ET	Z MAX.
8	10 1/4	13 3/8	13 1/2	15 3/8	1 1/8	8-3/4	11 3/4	19	10 3/8	2 1/2	1 1/4	1	2 3/4	5 1/4	1/2-13	3/4	—
10	12 3/8	15 3/8	16	18	1 1/8	12-7/8	14 1/4	22 3/8	11 3/8	3 1/2	1 3/4	1 1/8	3 3/4	5 3/4	1/2-13	3/4	1 1/8
12	15 1/4	17 3/4	19	21	1 1/4	12-7/8	17	26	13 1/2	4	2	1 1/4	3 5/16	6	5/8-11	1 5/16	1 1/8
14	17	19 1/4	21	24	1 1/8	12-1	18 3/4	29 3/8	15 1/2	4 1/2	2 1/4	1 1/2	3 7/16	6 3/4	3/4-10	1 1/8	1 1/8
16	19 1/2	22 1/2	23 1/2	27	1 1/16	16-1	21 1/4	33 3/8	17 3/8	4 3/8	2 5/16	1 5/8	3 9/16	7 7/16	3/4-10	1 1/8	1 1/4
18	21	24 3/4	25	29	1 1/16	16-1 1/8	22 3/4	36 3/4	19	4 7/8	2 7/16	1 3/4	4 1/4	8 1/16	3/4-10	1 1/8	1 1/4
20	23 3/8	27 3/8	27 1/2	32	1 1/16	20-1 1/8	25	40	20 3/4	5 1/8	2 9/16	1 7/8	5 5/16	8 1/16	1 -8	1 1/2	1 1/4
24	25 3/8	29 3/8	32	37	1 1/8	20-1 1/4	29 1/2	46 1/8	24 3/8	5 1/2	2 3/4	2 1/8	6 1/16	10	1 -8	1 1/2	1 1/4
30	31 3/4	34 3/4	38 3/4	46	2 1/8	28-1 1/4	36	57 3/8	29 3/4	6 1/2	3 3/4	2 3/8	7 5/16	13 3/4	1 1/4-7	1 7/8	1 1/2
36	36 3/8	41 1/4	46	54	2 3/8	32-1 1/2	42 3/4	67 3/8	34 3/4	7	4 1/8	2 3/4	8 7/16	14	1 1/4-7	1 7/8	1 1/2
42	42 3/8	46 3/4	53	61	2 3/8	36-1 1/2	49 1/2	76 3/8	39 3/4	7 1/2	3 3/4	2 3/4	9 1/8	17 1/4	1 1/2-6	2 1/4	1 1/4
48	48	52 3/8	59 1/2	67	2 3/4	44-1 1/2	56	86	44 3/8	8	4	2 7/8	10 1/16	19	1 1/2-6	2 1/4	2

NOTE: All dimensions shown in inches

MOTOR SPECIFICATIONS

R.P.M. - 1800

4-DRUM LIMIT SWITCHES

LIMIT SWITCH COMPARTMENT HEATER & MOTOR HEATER,
VOLTAGE 120V. A.C., 60 CY., 1 Ø

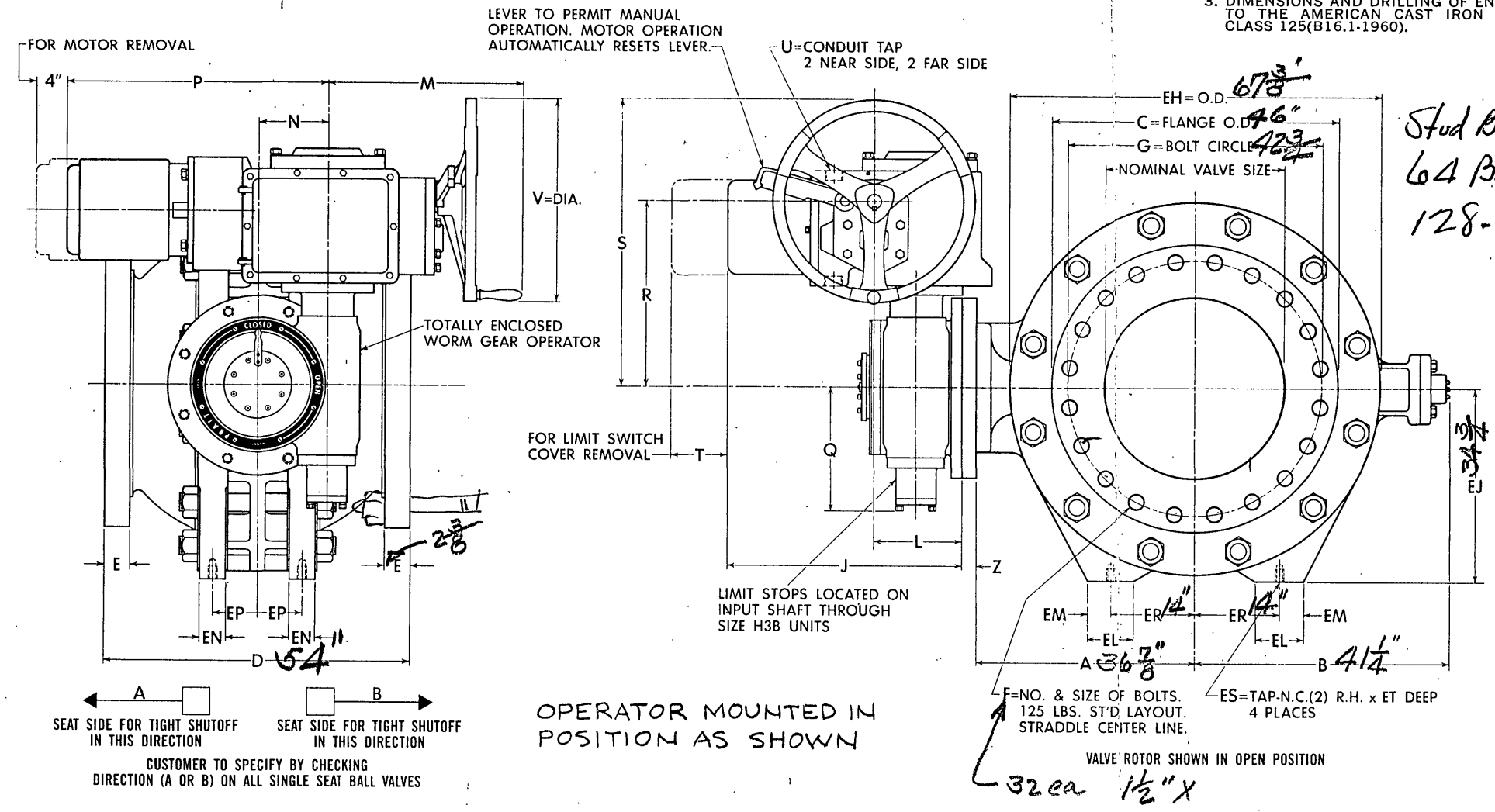
HB OPERATOR—SMB MOTOR

GEAR OPERATOR	ELECTRIC MOTOR	J	L	M	N	P	Q	R	S	T	U	V
H1B	SMB-00	17 3/4	3 3/8	11 1/8	3 1/2	17	9	17 3/8	21 3/8	7	1 1/2	8
H2B	SMB-00	17 3/8	3 3/8	11 1/8	4 1/4	17	9 1/2	17 3/8	21 3/8	7	1 1/2	8
H2B	SMB-0	19 3/8	6 3/4	17 1/8	4 1/4	23	9 1/2	14 3/4	20 3/4	8 1/2	1 1/2	12
H2B	SMB-1	20 3/8	7 3/8	16 3/8	4 1/4	24 1/2	9 1/2	15 1/4	21 1/4	8 1/2	1 1/2	12
H3B	SMB-00	17 3/4	4 1/8	11 1/8	6	17	10 3/8	19 1/4	23 3/4	7	1 1/2	8
H3B	SMB-0	20	7 1/8	17 1/8	6	23	10 3/8	16 3/8	22 3/8	8 1/2	1 1/2	12
H3B	SMB-1	21	7 3/4	16 3/8	6	24 1/2	10 3/8	16 3/8	22 3/8	8 1/2	1 1/2	12
H4B	SMB-0	20 3/8	7 3/4	17 1/8	7 3/8	23	9 3/4	18	24	8 1/2	1 1/2	12
H4B	SMB-1	21 3/8	8 3/8	16 3/8	7 3/8	24 1/2	9 3/4	17 1/4	23 3/4	8 1/2	1 1/2	12
H4B	SMB-2	22 3/8	9 3/8	18 3/8	7 3/8	26 3/8	9 3/4	19 3/8	28 3/8	8 1/2	1 1/2	18
H5B	SMB-1	21 3/8	8 3/8	16 3/8	9 3/4	24 1/2	10 3/8	18 3/8	24 3/8	8 1/2	1 1/2	12
H5B	SMB-2	22 3/8	9 3/8	18 3/8	9 3/4	26 3/8	10 3/8	20 3/4	29 3/4	8 1/2	1 1/2	18
H5B	SMB-3	25 1/2	11	21 3/4	9 3/4	33	10 3/2	22	34	16 3/8	1 1/2	24
H6B	SMB-2	24 3/8	10 3/8	18 3/8	13	26 3/8	13 3/8	27 3/8	36 3/8	8 1/2	1 1/2	18
H6B	SMB-3	27	12 1/2	21 3/4	13	33	13 3/8	24 3/8	36 3/8	16 3/8	1 1/2	24
H6B	SMB-4	29 3/4	14	22 1/2	13	32 1/4	13 3/8	24 3/8	36 3/8	16 3/8	2	24
H7B	SMB-3	26 3/4	12 1/4	21 3/4	16	33	16	29	41	9	1 1/2	24
H7B	SMB-4	29	13 3/4	22 1/2	16	32 1/4	16	28 1/2	40 1/2	16 1/2	2	24

NOTE: All dimensions shown in inches

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES. FOR BOLTS SMALLER THAN 1 1/4" DIAMETER BOLT HOLES WILL BE 1/8" LARGER THAN DIAMETER OF BOLT. FOR BOLTS 1 1/4" DIAMETER OR LARGER, BOLT HOLES WILL BE 1/4" LARGER THAN DIAMETER OF BOLT.
2. ALL FLANGES ARE FLAT FACED UNLESS OTHERWISE NOTED.
3. DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125(B16.1-1960).



2			4		
1			3		
REV.- DATE	BY	APP. ROVED	REV.- DATE	BY	APP. ROVED
PRATT			HENRY PRATT COMPANY AURORA, ILL.		
GENERAL ARRANGEMENT DRAWING 150# BALL VALVE—(SINGLE) & DOUBLE SEAT HB OPERATOR—SMB MOTOR					
DRAWN BY W.J.P.			DATE 2-1-68		
CHECKED BY J.M.H.			SCALE NONE		
APPROVED J.A.K.					

B-877

56-10-90088