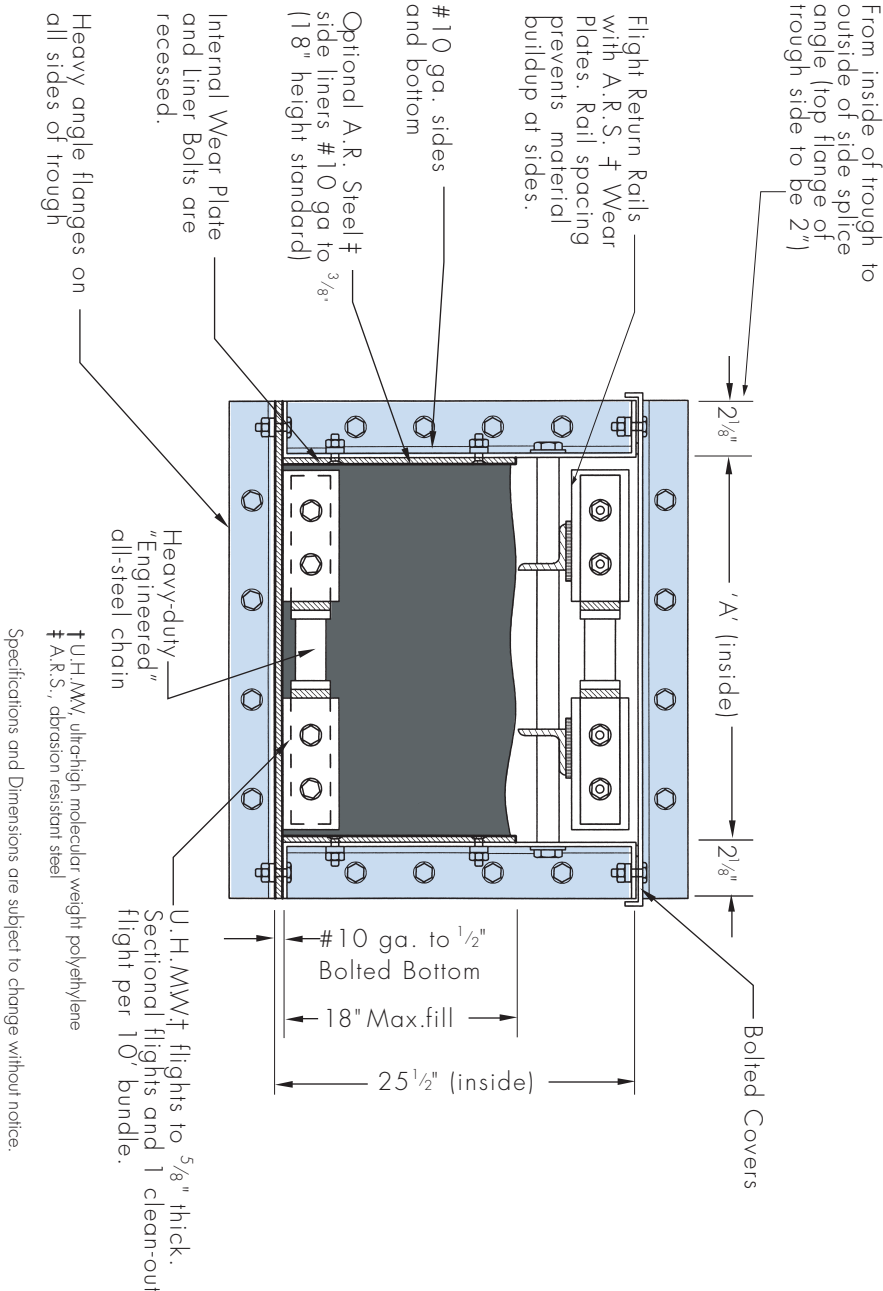


Cross Section of Trough



Capacity at Feet Per Minute

MODEL/ SIZE	DIM 'A'	SPEED IN FEET PER MINUTE												
		UNITS	1	50	75	100	125	150	175	200	225	250	275	
	12½	BPH	74	3700	5550	7400	9250	11100	12950	14800	16650	18500	20350	
		CFH	92	4600	6905	9200	11510	13800	16100	18410	20710	23010	25315	
HFB12	18½	BPH	110	5480	8220	10960	13690	16430	19170	21910	24650	27390	30130	
		CFH	136	6810	10220	13630	17040	20440	23850	27260	30660	34070	37480	
HFB18	24½	BPH	145	7275	10910	14550	18185	21825	25460	29100	32735	36375	40010	
		CFH	181	9050	13575	18100	22625	27150	31675	36200	40725	45250	49775	
HFB24	30½	BPH	180	9075	13610	18150	22685	27225	31760	36300	40835	45375	49910	
		CFH	225	11285	16930	22575	28220	33865	39510	45155	50800	56445	62085	
HFB30	30½	BPH	216	10780	16170	21560	26950	32340	37730	43120	48510	53900	59290	
		CFH	268	13410	20120	26820	33530	40230	46940	53640	60350	67050	73760	
HFB36	42½	BPH	253	12650	18975	25300	31625	37950	44275	50600	56925	63250	69575	
		CFH	314	15735	23605	31470	39340	47210	55075	62945	70810	78680	86550	

Charted capacity without liners, based on speed range of 50-275 F.P.M., 100% loading with free-flowing grain at 48 P.C.F. Capacity and chain speed will vary with installation, degree of incline, conveyed materials, service factors and conditions. Chart is applicable for horizontal choke load applications.

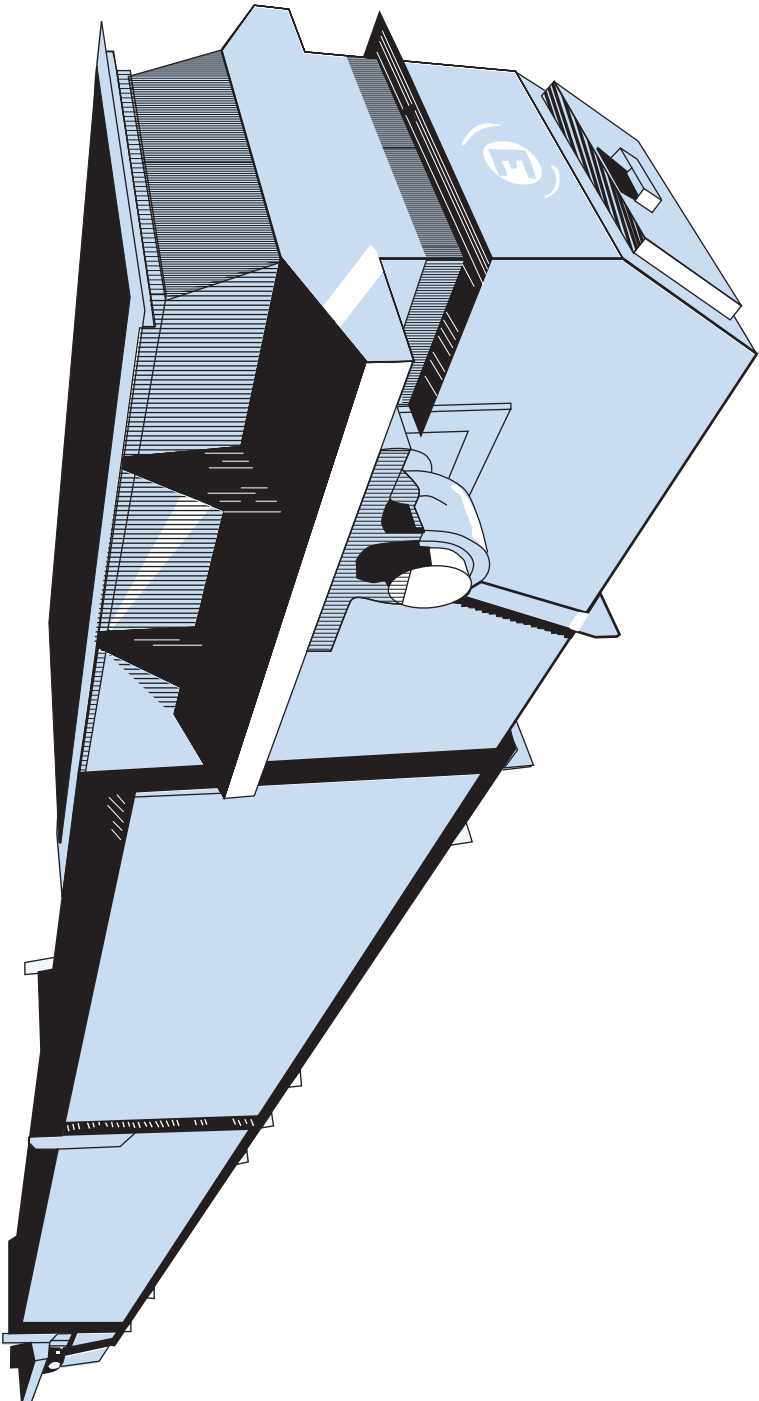


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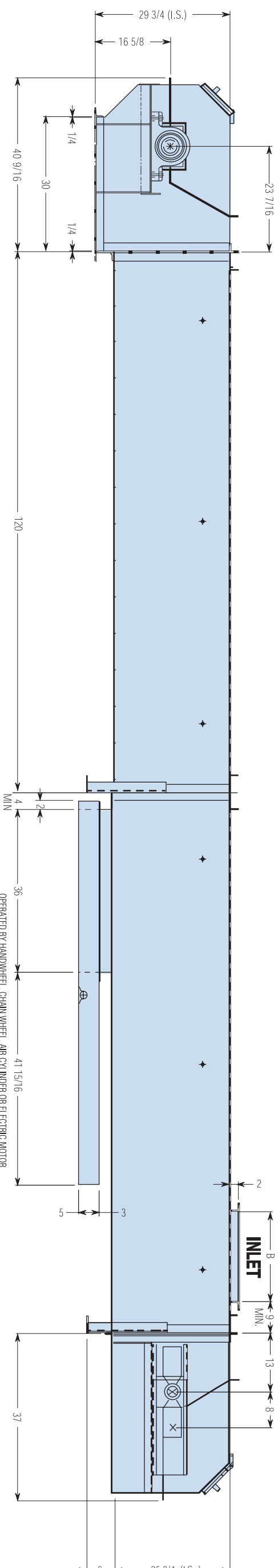
CATALOG HFB 100B

ESSMUELLER



Model "HFB" En-Masse Conveyor
Sizes to Accommodate
Capacities Through 69,000 BPH

ESSMUELLER HEAVY DUTY FLAT BOTTOM STANDARD CONVEYOR DIMENSIONS

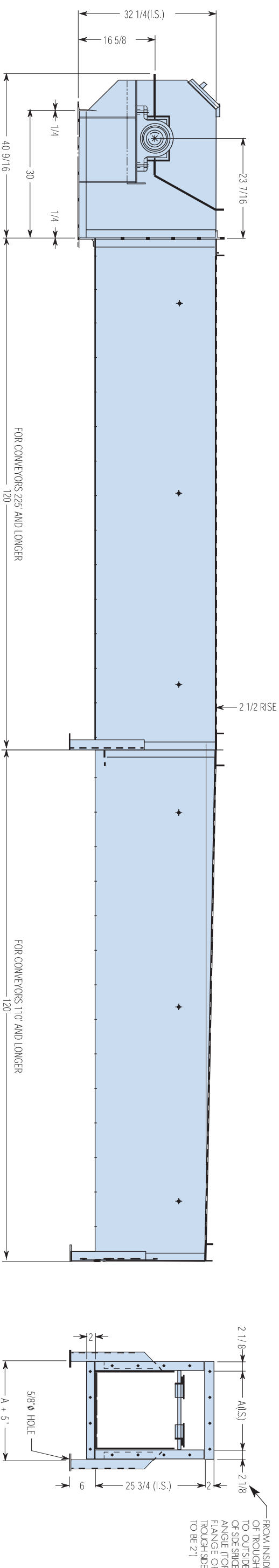


STANDARD HEAD SECTION

STANDARD TROUGH SECTION

STUB DISCHARGE WITH INLINE GATE

STANDARD TAIL SECTION

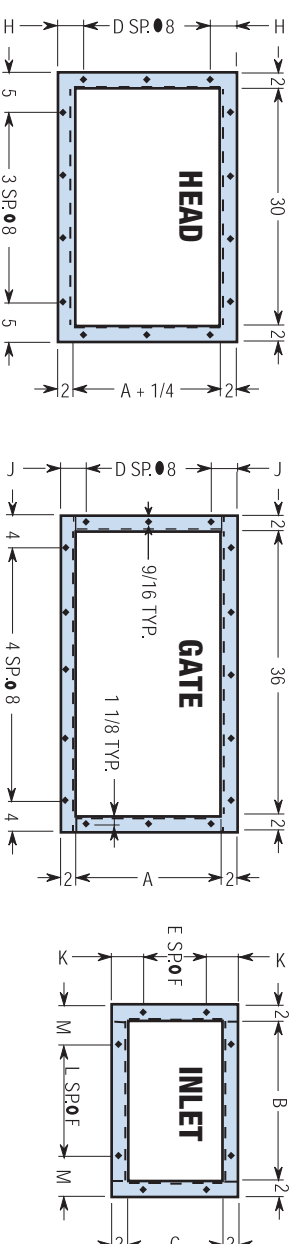


TALL HEAD SECTION

TALL TROUGH SECTION

TAPERED TROUGH SECTION

TROUGH END



STANDARD FLANGE PATTERNS

MODEL HFB											
SIZE	A	B	C	D	E	F	H	J	K	L	M
HFB12	12½	20	7	1	1	8	4½	4¼	1½	2	4
HFB18	18½	20	12	2	1	8	3½	3¼	4	2	4
HFB24	24½	20	18	2	2	8	6½	6¼	3	2	4
HFB30	30½	24	24	3	2	8	5½	5¼	6	2	6
HFB36	36½	28	28	4	3	8	4½	4¼	4	3	4
HFB42	42½	32	32	5	3	8	3½	3¼	6	3	6

NOTE: DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE
ALL DIMENSIONS ARE IN INCHES.

DIMENSIONAL DATA

— FROM INSIDE OF TROUGH TO OUTSIDE OF SIDE SPACE ANGLE (TOP FLANGE OF TROUGH SIDE TO BE 2")