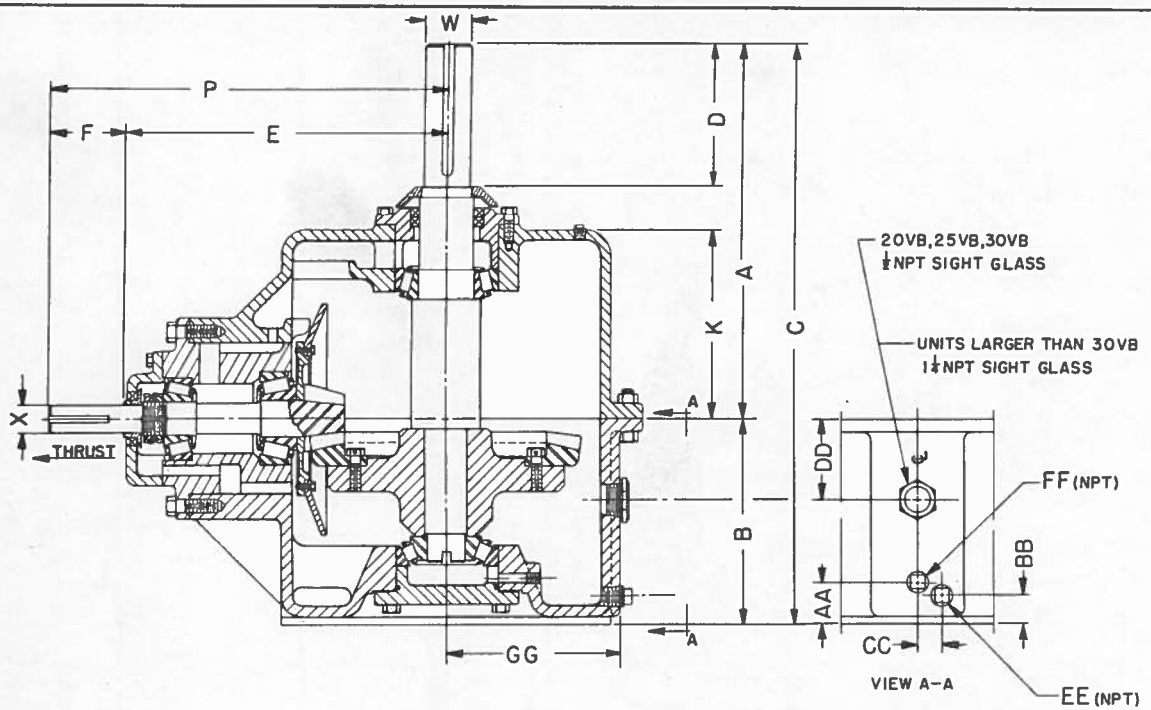

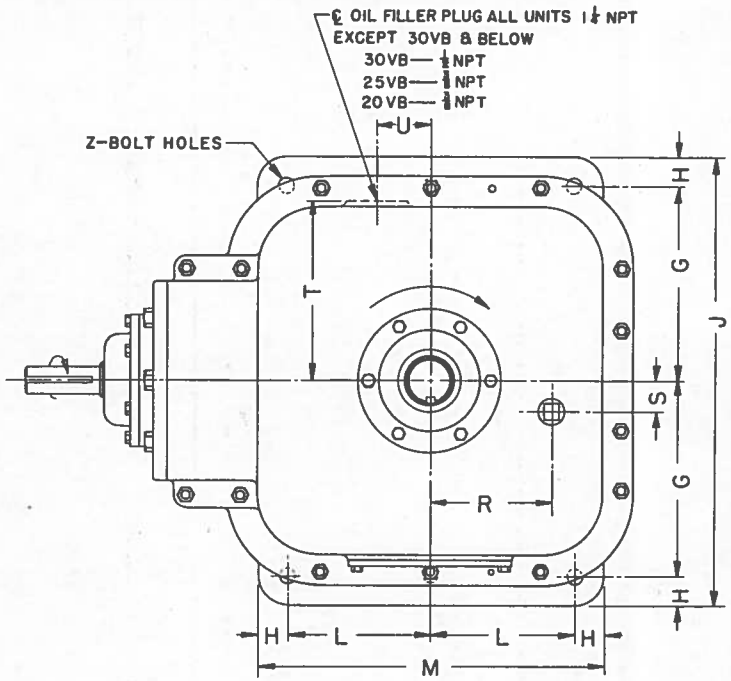

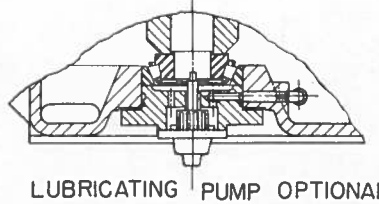

LUBRICATING PUMP OPTIONAL

GENERAL DIMENSIONS

DIMENSIONS ARE NOT TO BE USED FOR INSTALLATION USE CERTIFIED INSTALLATION PRINT.

UNITS	A	B	C	D	E	F	G	H	J	K	L	M	N*	P	R	S	V VENT PIPE SIZE	W	W KEYSEAT	X	X KEYSEAT	Z**	NET WEIGHT LBS.	T	U	Y***	AA	BB	CC	DD	EE	FF	GG
Ø 20VB	8¼	4½	12⅜	3½	6⅞	2½	3⅞	⅝	9	2¼	2½	6½	1	9	3½	0	¼	1¼	¼×⅛×3½	11/16	⅜×⅜×1½	⅝-4	75	3⅜	1⅜	1⅝	—	1 11/16	0	1¼	⅜	—	3⅜
Ø 25VB	8¼	4½	12⅜	3½	7¾	2½	4⅜	⅜	10	2¼	3	7½	1	10	3½	0	¼	1¼	¼×¼×4½	⅞	⅜×⅜×1½	⅝-4	85	3⅜	1⅜	1⅝	—	1 11/16	0	1¼	⅜	—	3⅞
30VB	12 17/32	6	18 17/32	5	9⅜	2⅞	4⅞	⅜	11¼	5¾	3½	8	1⅛	12½	2⅞	2⅞	1	1¾	⅜×⅜×5	⅞	⅜×⅜×1½	⅝-4	140	4½	1½	2	—	2 1/16	0	1⅜	⅜	—	4½
40VB	13½	7	20½	5	9 11/16	3 1/16	5½	⅜	12½	6⅜	3⅝	9½	1⅛	13	2 15/16	2 15/16	1	1¾	⅜×⅜×5	1	½×½×2	⅝-4	210	4⅞	2	1⅞	—	1½	0	1 7/8	⅝	—	4⅝
50VB	16⅞	8½	25⅜	7	11 1/16	3 15/16	6⅝	1½	16	8	4½	11½	1½	15	4½	1⅞	1	2	½×½×6⅝	1½	½×½×2⅞	⅝-4	305	6	2½	1⅞	⅞	1⅛	1	1⅞	½	½	6
60VB	16⅞	8½	25⅜	7	13 1/16	3 15/16	8	1½	18½	8	5⅜	14	1½	17⅜	5½	1½	1	2	½×½×6⅝	1½	½×½×2⅞	⅝-4	450	7½	0	2½	2	1⅜	1	2⅛	½	½	7½
70VB	18	10	28	6½	15 15/16	3½	9	1½	21	9½	6½	16	2	19 7/16	6	1½	1	2½	½×½×7	1⅝	⅜×⅜×2½	⅝-4	590	8⅜	0	3	2½	1⅜	1 1/16	3	⅝	⅝	8⅜
80VB	18	10	28	6½	18	3½	9⅜	1½	22½	9½	7½	17½	2	21½	6	1½	1	2½	½×½×6½	1⅝	½×½×2 7/8	⅝-4	865	9½	0	3	2½	1⅜	1 1/16	3	⅝	⅝	9½
90VB	20⅜	12	32⅜	7	20 7/16	3 7/16	11⅞	1⅜	27½	11⅜	6⅜	20½	2½	24 7/16	7	1½	1	2⅜	⅝×⅝×7	1⅞	½×½×2⅞	1/16-6	1,125	10½	0	3½	2⅜	1⅜	1 1/16	3½	⅝	⅝	10½
100VB	20⅜	12	32⅜	7	22½	3½	12½	1⅜	28½	11⅜	9	21½	2½	25½	8	1½	1	2⅜	⅝×⅝×7	1⅞	½×½×2 7/8	1/16-6	1,340	11½	0	3½	2⅜	1⅜	1 1/16	3½	⅝	⅝	11½
110VB	22⅜	14	36⅜	7	24⅛	4⅜	14½	1⅜	32	13⅛	10⅜	25	2½	28½	9½	2	1	3¼	⅜×⅜×6½	2⅛	½×½×3½	1/16-6	1,650	12⅞	0	4	3	1⅜	1 1/16	4	⅝	⅝	12⅞
115VB	22⅜	14	36⅜	7	25⅞	5	15	1⅜	33½	13⅛	11½	26½	2½	30⅞	10½	2	1	3¼	⅜×⅜×6½	2⅛	½×½×4	1/16-6	1,850	13⅜	0	4	3	1⅜	1 1/16	4	⅝	⅝	13⅜
120VB	23½	15	38½	7	28⅜	4⅞	16½	2	36½	13⅜	12½	28½	2⅝	33½	10½	2	1	3 7/8	1×½×6½	2⅜	⅝×⅝×4	1/16-6	2,150	14⅜	0	4	3½	1⅞	1¼	4	1	1	14⅜

SHAFT TOLERANCES ±.0005

*N-THICKNESS OF BASE FLANGE

** Z-BOLT HOLE SIZE—BOLTS REQUIRED

***VENT LOCATED ON SIDE OF UNIT

****DIMENSION DOWN FROM HORIZ. ℄ OF PINION TO ℄ OIL FILLER PLUG

Ø 20VB & 25VB UNITS HAVE ONE PIECE HOUSING DESIGN

DRAWING PERTAINS TO		ALSO USED ON	

MATERIAL

SUPERSEDES

SUPERSEDED BY

MARK	DESCRIPTION OF CHANGE	DATE
B	Revised Overall Shaft Guard Lgth.	7-26-60
A	Dimensions T U & Y Added	8-1-60

LUFKIN TYPE VB REDUCERS

GENERAL ASSEMBLY DIMENSION

DRAWN BY VDB TRACED BY PMB CHECKED Arnold

DATE 8-26-58 DATE 8-1-60 SCALE 4"=1"

LUFKIN FOUNDRY & MACHINE CO., LUFKIN, TEXAS

D20827 B