



NO.	PART NO.	DESCRIPTION	QTY
13	K-094735	S PROCKET-DRIVE-UNIROVAL HTD POWER GRIP # 1754/1375 BORE & 312 X .156 KEYWAY	4
12	K-097740	S PROCKET-DRIVE-UNIROVAL HTD POWER GRIP # 150/815 BORE AND .187 X .094 KEYWAY	4
11	K-094214	BELT-UNIROVAL POWER GRIP HTD #1200-BM-30 (3.50 I.D.) 150 TEETH - .0724 P.D. - 1.18 WIDE	4
10	K-094112	BELT-UNIROVAL POWER GRIP HTD #1400-BM-30 (2.90 I.D.) 200 TEETH - 1.18 WIDE	4
9	K-094740	S PROCKET-INTERIDLER-UNIROVAL POWER GRIP HTD #190-BM-30 TYPE GD BUSHING STYLE SK WITH 1.7475/1750 BORE AND .375 X .187 KEYWAY	4
8	K-094744	BELT-UNIROVAL POWER GRIP HTD #1700-BM-30 (3.50 I.D.) 220 TEETH	3
7	K-094738	S PROCKET-DRIVEN-UNIROVAL POWER GRIP HTD #190-BM-30 AND TYPE GD BUSHING STYLE SK WITH 1.4975/1500 BORE AND .375 X .187 KEYWAY	6
6	K-216821	S PROCKET-DRIVEN-UNIROVAL POWER GRIP HTD #190-BM-30 TYPE GD BUSHING STYLE SK WITH 1.4975/1500 BORE AND .375 X .187 KEYWAY	4
5	K-094745	BELT-UNIROVAL POWER GRIP HTD #1200-BM-30 (APPROX. 46.8 I.D.) 350 TEETH	2
4	K-094113	BELT-UNIROVAL POWER GRIP HTD #2000-BM-30 (5.0 I.D.) 500 TEETH	2
3	K-094742	BELT-UNIROVAL POWER GRIP HTD #2000-BM-30 (5.0 I.D.) 500 TEETH	4
2	K-094736	S PROCKET-DRIVEN-UNIROVAL POWER GRIP HTD #1754/1375 BORE AND .187 X .156 KEYWAY	6
1	K-094735	S PROCKET-DRIVE-UNIROVAL POWER GRIP HTD #1754/1375 BORE AND .312 X .156 KEYWAY	8

BR-4 STACKER CONVEYOR SPEEDS (RELIANCE DRIVE)

HIGH SPEED = $1477 \times \frac{34}{90} \times \frac{5}{72} \times \pi = 967 \text{ F.P.M.}$

INTER SPEED = $1477 \times \frac{34}{90} \times \frac{5}{72} \times \pi = 730 \text{ F.P.M.}$

LOW SPEED = $1750 \times \frac{30}{90} \times \frac{5}{72} \times \pi = 382 \text{ F.P.M.}$

ENGINE NOTE: HIGH SPEED BELT F.P.M. BASED ON 36" F.L. @ 230 S.P.M. WITH 22" SHEET TO SHEET GAP = 967 F.P.M.

INTERMEDIATE SPEED BELT F.P.M. BASED ON 24" GAP REDUCTION FROM HIGH SPEED BELT.

ENGINEER: **BR-4 STACKER SEE D-162093**

SHEET OPERATING WEIGHTS FINISHED SURFACES SHAD 125 PERCENTAGE FINISH DIMENSIONS TOLERANCES X	DATE: 2-13-53 DRAWN BY: PJC CHECKED BY: PJC APPROVED BY: PJC TITLE: LAYOUT BR-4 STACKER DRIVE PROJECT: #1200-40-A STACKER DRIVE SHEET NO.: 221952 PART NO.: 88139-25 QUANTITY: 1
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