Teletype Information Letter No. 100
November, 1954

Subject: Model 14 Tape Transmitter Distributor -
Modification Kits for 100 W.P.M.

Modification kits have been made available for converting Model 14
Tape Transmitter-Distributors in the field for operation at 100 words per
minute. Ordering information for the kits is as follows:

<table>
<thead>
<tr>
<th>Modification Kit No.</th>
<th>Description</th>
</tr>
</thead>
</table>
| 113772              | Set of Parts to Convert Standard Model 14 Transmitter
Distributor with 110 V. A.C. 60 cycle synchronous
motor for 100 w.p.m. operation. |
| 113773              | Set of Parts to Convert Standard Model 14 Transmitter
Distributor with 110 V. A.C. governed motor for
100 w.p.m. operation. |

These modification kits include the new Teletype all-metal clutch
which eliminates the wear and frequent need for lubrication associated
with conventional felt clutches. This long-life clutch requires oiling
only once or twice a year, operates with exceptional stability, and
generates high torque capable of handling both positive and negative
loads. Its engagement is firm and uniform, and the short engaging time
is accurately repeated cycle after cycle. The clutch runs at no load
when disengaged.

Each kit also contains a main shaft gear, motor pinion and the
various small parts formerly furnished for experimental operation of
Transmitter Distributors at 100 speed. With the new clutch, the
qualifying "experimental" designation is removed. A specification
containing installation instructions is included with each modification
kit.

Yours very truly

C.W. Burcky
Engineer, Product Application

Note: Modification kits for adding the all-metal clutch to Model 14
and Model 20 Transmitter Distributors for speeds below 100 w.p.m.
are covered in Teletype Information Letter No. 101.
Teletype Information Letter No. 101
November, 1954

Subject: Model 14 and Model 20 Tape Transmitter Distributors - Modification Kits for Installation of All-Metal Clutch - No Change in Operating Speed

Because of the interest expressed by Teletype users in the new all-metal clutch, modification kits are being made available for adding this feature to Model 14 and Model 20 Tape Transmitter Distributors in the field. Ordering information for the various kits is as follows:

<table>
<thead>
<tr>
<th>Modification Kit Number</th>
<th>Transmission Speed (OPH)</th>
<th>Motor Speed (RPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Model 14 Transmitter Distributors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>113765</td>
<td>368</td>
<td>1800 (60 cycle synch.)</td>
</tr>
<tr>
<td>113766</td>
<td>368</td>
<td>2102 (governed)</td>
</tr>
<tr>
<td>113767</td>
<td>368</td>
<td>1500 (50 cycle synch.)</td>
</tr>
<tr>
<td>113770</td>
<td>460</td>
<td>1800 (60 cycle synch.)</td>
</tr>
<tr>
<td>113771</td>
<td>460</td>
<td>2102 (governed)</td>
</tr>
<tr>
<td>For Model 20 Transmitter Distributors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>113774</td>
<td>317</td>
<td>1800 (60 cycle synch.)</td>
</tr>
<tr>
<td>113775</td>
<td>317</td>
<td>2102 (governed)</td>
</tr>
<tr>
<td>113768</td>
<td>396</td>
<td>1800 (60 cycle synch.)</td>
</tr>
<tr>
<td>113769</td>
<td>396</td>
<td>2102 (governed)</td>
</tr>
</tbody>
</table>

The new Teletype all-metal clutch eliminates the wear and frequent need for lubrication associated with conventional felt clutches. This long-life clutch requires oiling only once or twice a year, operates with exceptional stability and generates high torque capable of handling both positive and negative loads. Its engagement is firm and uniform, and the short engaging time is accurately repeated cycle after cycle. The clutch runs at no load when disengaged.
2.

Each kit contains clutch parts, a main shaft gear and a specification giving installation instructions. Installation of these parts will not affect the operating speed of the Tape Transmitter Distributor being modified.

Yours very truly

S. Minsky

Engineer, Product Application

Note: Modification kits for 100 w.p.m. operation are covered in Teletype Information Letter No. 100.