



| MODEL NUMBER | DISC. | INLET | A | B | C |
|----------------|-----------|-----------|--------|--------|-------|
| ST7MB85X18G20A | 3" V.I.C. | 3" V.I.C. | 106.85 | 11.875 | 8.625 |
| ST7MB85X18G25A | 3" V.I.C. | 3" V.I.C. | 109.35 | 11.875 | 8.625 |
| ST7MB85X19G25A | 3" V.I.C. | 3" V.I.C. | 111.65 | 11.875 | 8.625 |
| ST7MB85X20G25A | 3" V.I.C. | 3" V.I.C. | 114.05 | 11.875 | 8.625 |
| ST7MB85X20G30A | 3" V.I.C. | 3" V.I.C. | 116.65 | 11.875 | 8.625 |
| ST7MB85X21G25A | 3" V.I.C. | 3" V.I.C. | 116.45 | 11.875 | 8.625 |
| ST7MB85X21G30A | 3" V.I.C. | 3" V.I.C. | 119.05 | 11.875 | 8.625 |
| ST7MB85X22G25A | 3" V.I.C. | 3" V.I.C. | 118.85 | 11.875 | 8.625 |
| ST7MB85X22G30A | 3" V.I.C. | 3" V.I.C. | 121.45 | 11.875 | 8.625 |
| ST7MB85X23G30A | 3" V.I.C. | 3" V.I.C. | 123.85 | 11.875 | 8.625 |
| ST7MB85X24G30A | 3" V.I.C. | 3" V.I.C. | 126.25 | 11.875 | 8.625 |
| ST7MB85X24G40A | 3" V.I.C. | 3" V.I.C. | 131.35 | 11.875 | 8.625 |
| ST7MB85X25G30A | 3" V.I.C. | 3" V.I.C. | 128.55 | 11.875 | 8.625 |
| ST7MB85X25G40A | 3" V.I.C. | 3" V.I.C. | 133.65 | 11.875 | 8.625 |
| ST7MB85X26G30A | 3" V.I.C. | 3" V.I.C. | 130.95 | 11.875 | 8.625 |
| ST7MB85X26G40A | 3" V.I.C. | 3" V.I.C. | 136.05 | 11.875 | 8.625 |
| ST7MB85X27G30A | 3" V.I.C. | 3" V.I.C. | 133.35 | 11.875 | 8.625 |
| ST7MB85X27G40A | 3" V.I.C. | 3" V.I.C. | 138.45 | 11.875 | 8.625 |
| ST7MB85X28G40A | 3" V.I.C. | 3" V.I.C. | 140.85 | 11.875 | 8.625 |
| ST7MB85X29G40A | 3" V.I.C. | 3" V.I.C. | 143.25 | 11.875 | 8.625 |
| ST7MB85X30G40A | 3" V.I.C. | 3" V.I.C. | 145.55 | 11.875 | 8.625 |
| ST7MB85X33G40A | 3" V.I.C. | 3" V.I.C. | 162.45 | 11.875 | 8.625 |
| ST7MB85X33G50A | 3" V.I.C. | 3" V.I.C. | 179.45 | 11.875 | 8.625 |

- NOTES:
- DIMENSIONS ARE IN INCHES.
 - PUMP INLET WILL MATE WITH VICTAULIC TYPE CLAMPED UNION. DISCHARGE WILL MATE WITH VICTAULIC TYPE CLAMPED UNION.
 - DO NOT OPERATE OUTSIDE THE DESIGNATED FLOW RANGE.
 - 20 PSI MINIMUM INLET PRESSURE IS REQUIRED. PUMP MUST BE COMPLETELY FLOODED BEFORE OPERATING. DO NOT OPERATE PUMP DRY, OPERATING WITH IN THE DESIGNATED FLOW RANGE WILL INSURE ADEQUATE FLOW PAST THE MOTOR FOR COOLING. WATER TEMP NOT TO EXCEED 85°F.
 - TO ACCOMPLISH CORRECT ROTATION, INTERCHANGE ANY TWO MOTOR LEADS, THEN COMPARE WATER QUANTITY AND DEVELOPED PRESSURE. THE WIRE CONNECTION THAT DEVELOPS THE HIGHEST FLOW AND PRESSURE IS THE CORRECT ONE.
 - UNIT MUST BE PROPERLY GROUNDED. FAILURE TO DO SO MY RESULT IN SERIOUS ELECTRICAL SHOCK. MOTOR MUST BE GROUNDED IN ACCORDANCE TO NATIONAL AND LOCAL CODES.
 - REFER TO THE OPERATION AND MAINTAINANCE MANUAL FOR ADDITIONAL OPERATIONAL INSTRUCTIONS.
 - SPECIAL MECHANICAL MODIFICATIONS MAY SUPERSEDE DIMENSIONS WHICH ARE A FUNCTION OF THE MODIFICATION.



T&T PUMP CO.

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| DRAWING NO.  | DRAWING TITLE S77MB85 60HZ SHEET 2 |
| DESIGNED BY: _____ CHECKED BY: _____ DATE: _____ | CAD FILE: S77MB85 CATALOG DWS.DWG SCALE: A RELEASE DATE: 1-1-88 SHEET: 2 OF 2 |

T&T PUMP CO. INC. FAIRMONT, WV 26554