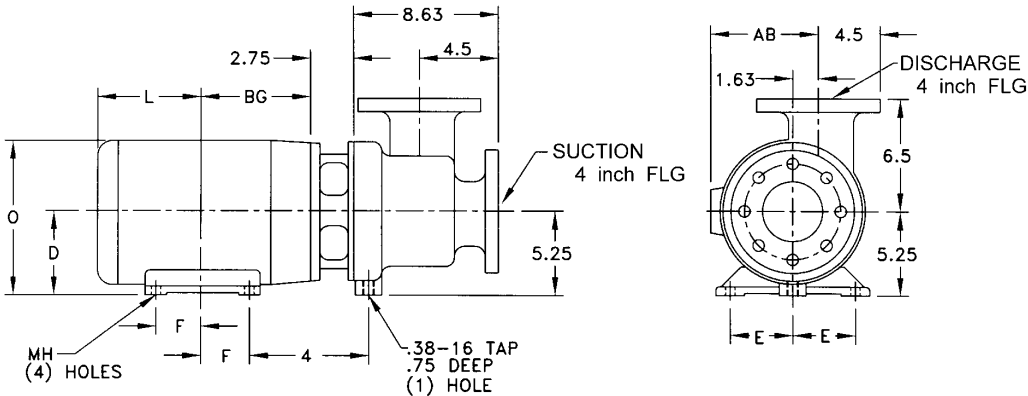


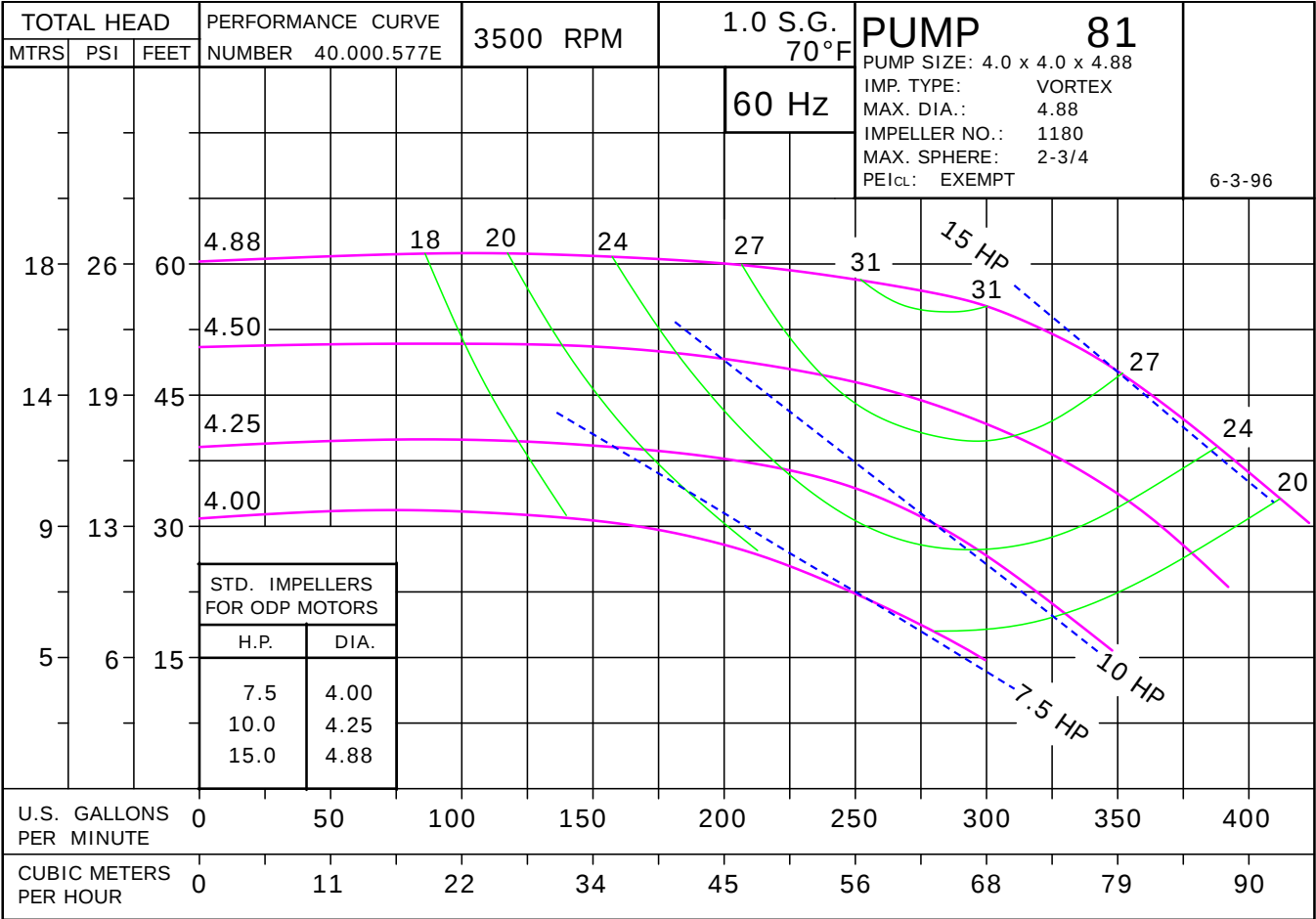
MOTOR DIMENSIONS  
NEMA JM FRAME 3 PHASE ODP

| HP  | FRAME | D    | E    | F    | O     | AB   | BG   | L    | MH  | WT<br>LBS |
|-----|-------|------|------|------|-------|------|------|------|-----|-----------|
| 7.5 | JM184 | 4.50 | 3.75 | 2.75 | 9.00  | 5.88 | 6.38 | 5.44 | .41 | 190       |
| 10  | JM213 | 5.25 | 4.25 | 2.75 | 10.56 | 7.38 | 7.25 | 6.13 | .41 | 260       |
| 15  | JM215 | 5.25 | 4.25 | 3.50 | 10.56 | 7.38 | 8.00 | 6.88 | .41 | 275       |

For TEFC Motor: Add 2" to "L" Dimension.



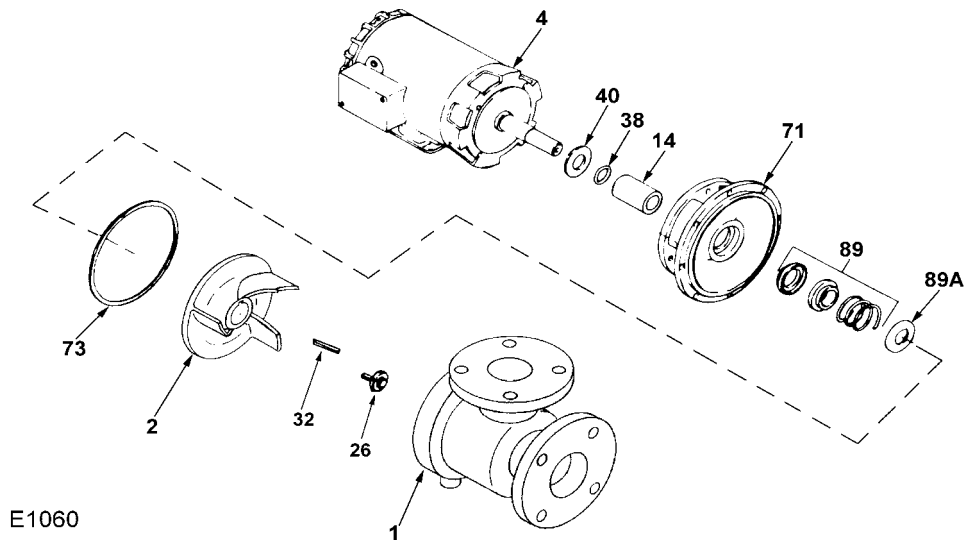
ALL DIMENSIONS IN INCHES



08110TE D1005  
0813500

81  
JM  
081M3500  
081.001.330 M19

# **Pump 81 • Iron • JM Frame • 3500 RPM**



| KEY NO. | PART NAME                                                                                                 | PUMP NO. 81                                                 |
|---------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1       | CASE, IRON, 4 x 4 FLG                                                                                     | 130.000.226X                                                |
| 2       | IMPELLER, 7/8" KEYED, SEMI-OPEN, SPECIFY DIAMETER:<br>BRONZE                                              | 137.000.198                                                 |
| 4       | MOTOR:<br>JM180<br>JM210                                                                                  | See Chart<br>See Chart                                      |
| 14*     | SLEEVE<br>BRONZE<br>STAINLESS                                                                             | 110.000.178<br>110.000.192                                  |
| 26*     | IMPELLER RETAINER, STAINLESS                                                                              | 118.000.163A                                                |
| 32*     | KEY, STAINLESS                                                                                            | 102.000.102                                                 |
| 38*     | O-RING, SHAFT<br>BUNA<br>VITON                                                                            | 116.000.117<br>116.000.105                                  |
| 40*     | FLINGER, STAINLESS                                                                                        | 104.000.165                                                 |
| 71      | ADAPTER, IRON<br>JM180<br>JM210                                                                           | 132.000.202<br>132.000.213                                  |
| 73*     | GASKET, CASE, BUNA                                                                                        | 116.000.157                                                 |
| 89*     | SEAL, 1½"<br>TYPE 21, BN-CARB/CM<br>TYPE 21, VN-CARB/CM<br>TYPE 21, VN-CARB/SIL<br>TYPE 21, EPDM-CARB/SIL | 101.000.168<br>101.000.191<br>101.000.175<br>101.000.175B   |
| 89A*    | SEAL RETAINER                                                                                             | 104.000.174                                                 |
| --      | ° REPAIR KITS:<br>BN-CARB/CM SEAL<br>VN-CARB/CM SEAL (S)<br>VN-CARB/SIL SEAL<br>EPDM-CARB/SIL SEAL        | 118.000.344<br>118.000.344A<br>118.000.344B<br>118.000.344C |

\* DENOTES COMPONENTS INCLUDED IN REPAIR KIT.  
° ALL REPAIR KITS INCLUDE BRONZE SHAFT SLEEVE EXCEPT THE (S) INDICATED, WHICH IS STAINLESS WITH VITON SHAFT O-RING.