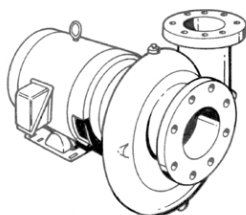


JOB: \_\_\_\_\_ REPRESENTATIVE: \_\_\_\_\_

UNIT TAG: \_\_\_\_\_ ORDER NO. \_\_\_\_\_ DATE: \_\_\_\_\_  
ENGINEER: \_\_\_\_\_ SUBMITTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



## 2-7SC

# Marlow Series 530

### Close-Coupled Centrifugal Pumps

#### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
HP \_\_\_\_\_ RPM \_\_\_\_\_  
VOLTS \_\_\_\_\_  
CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
ENCLOSURE \_\_\_\_\_  
APPROX. WEIGHT \_\_\_\_\_  
SPECIALS \_\_\_\_\_

#### MATERIALS OF CONSTRUCTION

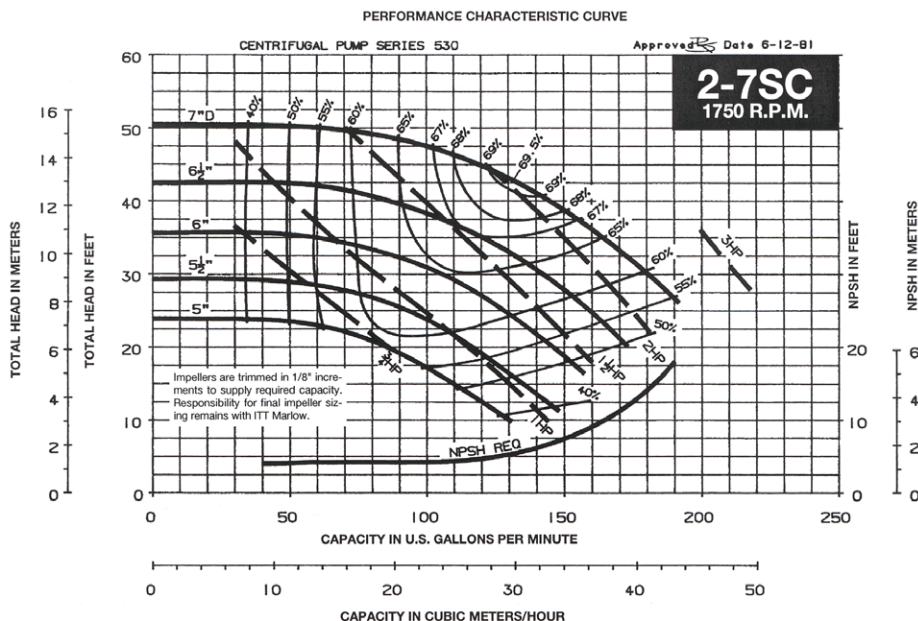
☐ BRONZE FITTED ☐ ALL IRON  
☐ ALL BRONZE †  
† All bronze not available in stuffing box configuration

#### MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.  
w/ 125# ANSI flange drilling

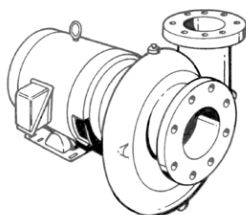
#### TYPE OF SEAL

- ☐ 530 Standard Seal (Buna-Carbon/Ceramic)
- ☐ 530 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ 530 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ 530 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- ☐ 530 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)



JOB: \_\_\_\_\_ REPRESENTATIVE: \_\_\_\_\_

UNIT TAG: \_\_\_\_\_ ORDER NO. \_\_\_\_\_ DATE: \_\_\_\_\_  
ENGINEER: \_\_\_\_\_ SUBMITTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



## 2-7SC

# Marlow Series 530

### Close-Coupled Centrifugal Pumps

#### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
HP \_\_\_\_\_ RPM \_\_\_\_\_  
VOLTS \_\_\_\_\_  
CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
ENCLOSURE \_\_\_\_\_  
APPROX. WEIGHT \_\_\_\_\_  
SPECIALS \_\_\_\_\_

#### MATERIALS OF CONSTRUCTION

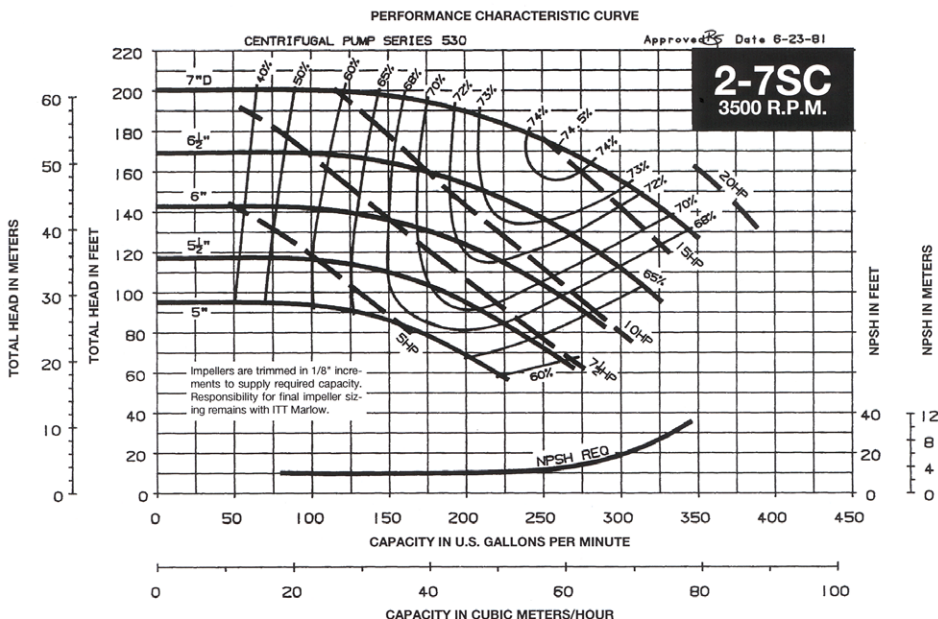
☐ BRONZE FITTED ☐ ALL IRON  
☐ ALL BRONZE †  
† All bronze not available in stuffing box configuration

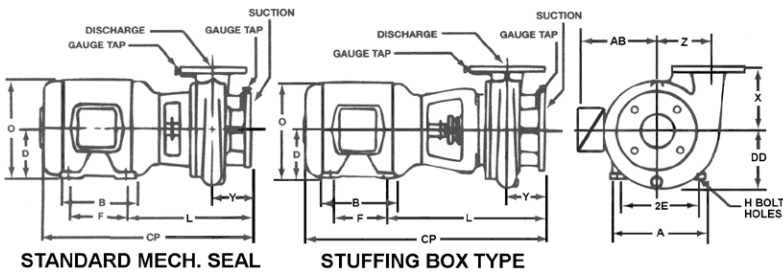
#### MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.  
w/ 125# ANSI flange drilling

#### TYPE OF SEAL

- ☐ 530 Standard Seal (Buna-Carbon/Ceramic)
- ☐ 530 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ 530 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ 530 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- ☐ 530 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)





| SIZE OF PUMP AND DISCHARGE | SUCTION   | PUMP DIMENSIONS IN INCHES (MM) |             |            |             |
|----------------------------|-----------|--------------------------------|-------------|------------|-------------|
|                            |           | DD                             | X           | Y          | Z           |
| 2-7SC (NPT)                | 2-1/2 NPT | 5-1/5 (140)                    | 6-1/2 (165) | 3-1/2 (89) | 4-3/4 (121) |

| 125# ANSI FLANGE DIMENSIONS - INCHES (MM) |                |                     |              |               |
|-------------------------------------------|----------------|---------------------|--------------|---------------|
| PIPE SIZE OF FLANGE                       | O.D. OF FLANGE | DIA. OF BOLT CIRCLE | NO. OF BOLTS | SIZE OF BOLTS |
| 2                                         | 6 (152)        | 4-3/4 (121)         | 4            | 5/8 (16)      |
| 2-1/2                                     | 7 (178)        | 5-1/2 (140)         | 4            | 5/8 (16)      |

DIMENSIONS – Inches (mm)

| STANDARD SEAL |              |              |              |              |             |             |             |            |              |              |
|---------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|------------|--------------|--------------|
| MOTOR FRAME   | A (Max)      | AB (Max)     | B (Max)      | CP (Max)     | D           | 2E          | F           | H          | L            | O (Max)      |
| 143JM         | 7 (178)      | 7 (178)      | 6 (152)      | 19-3/8 (492) | 3-1/2 (89)  | 5-1/2 (140) | 4 (102)     | 11/32 (9)  | 11-1/8 (283) | 7-1/4 (184)  |
| 145JM         | 7 (178)      | 7 (178)      | 6 (152)      | 19-3/8 (492) | 3-1/2 (89)  | 5-1/2 (140) | 5 (127)     | 11/32 (9)  | 11-1/8 (283) | 7-1/4 (184)  |
| 182JM         | 9 (229)      | 8-1/2 (216)  | 6-1/2 (165)  | 22-1/4 (565) | 4-1/2 (114) | 7-1/2 (190) | 4-1/2 (114) | 13/32 (10) | 11-7/8 (302) | 9-3/8 (238)  |
| 184JM         | 9 (229)      | 8-1/2 (216)  | 7-1/2 (190)  | 22-1/4 (565) | 4-1/2 (114) | 7-1/2 (190) | 5-1/2 (140) | 13/32 (10) | 11-7/8 (302) | 9-3/8 (238)  |
| 213JM         | 10-1/2 (267) | 10-3/4 (273) | 7-1/2 (190)  | 24-3/8 (619) | 5-1/4 (133) | 8-1/2 (216) | 5-1/2 (140) | 13/32 (10) | 12-3/4 (324) | 11-1/8 (283) |
| 215JM         | 10-1/2 (267) | 10-3/4 (273) | 9 (229)      | 25-7/8 (657) | 5-1/4 (133) | 8-1/2 (216) | 7 (178)     | 13/32 (10) | 12-3/4 (324) | 11-1/8 (283) |
| 254JP         | 12-1/2 (318) | 10-3/4 (273) | 10-3/4 (273) | 32-3/4 (832) | 6-1/4 (159) | 10 (254)    | 8-1/4 (210) | 17/32 (13) | 17-1/8 (435) | 13-1/8 (333) |
| 256JP         | 12-1/2 (318) | 10-3/4 (273) | 12-1/2 (318) | 34-1/2 (876) | 6-1/4 (159) | 10 (254)    | 10 (254)    | 17/32 (13) | 17-1/8 (435) | 13-1/8 (333) |

| STUFFING BOX |              |              |              |              |             |             |             |            |              |              |
|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|------------|--------------|--------------|
| MOTOR FRAME  | A (Max)      | AB (Max)     | B (Max)      | CP (Max)     | D           | 2E          | F           | H          | L            | O (Max)      |
| 143JP        | 7 (178)      | 7 (178)      | 6 (152)      | 22-1/2 (572) | 3-1/2 (89)  | 5-1/2 (140) | 4 (102)     | 11/32 (9)  | 14-1/4 (362) | 7-1/4 (184)  |
| 145JP        | 7 (178)      | 7 (178)      | 6 (152)      | 22-1/2 (572) | 3-1/2 (89)  | 5-1/2 (140) | 5 (127)     | 11/32 (9)  | 14-1/4 (362) | 7-1/4 (184)  |
| 182JP        | 9 (229)      | 8-1/2 (216)  | 6-1/2 (165)  | 25-3/8 (645) | 4-1/2 (114) | 7-1/2 (190) | 4-1/2 (114) | 13/32 (10) | 15 (381)     | 9-3/8 (238)  |
| 184JP        | 9 (229)      | 8-1/2 (216)  | 7-1/2 (190)  | 25-3/8 (645) | 4-1/2 (114) | 7-1/2 (190) | 5-1/2 (140) | 13/32 (10) | 15 (381)     | 9-3/8 (238)  |
| 213JP        | 10-1/2 (267) | 10-3/4 (273) | 7-1/2 (190)  | 28-1/4 (718) | 5-1/4 (133) | 8-1/2 (216) | 5-1/2 (140) | 13/32 (10) | 16-5/8 (422) | 11-1/8 (283) |
| 215JP        | 10-1/2 (267) | 10-3/4 (273) | 9 (229)      | 29-3/4 (756) | 5-1/4 (133) | 8-1/2 (216) | 7 (178)     | 13/32 (10) | 16-5/8 (422) | 11-1/8 (283) |
| 254JP        | 12-1/2 (318) | 10-3/4 (273) | 10-3/4 (273) | 32-3/4 (832) | 6-1/4 (159) | 10 (254)    | 8-1/4 (210) | 17/32 (13) | 17-1/8 (435) | 13-1/8 (333) |
| 256JP        | 12-1/2 (318) | 10-3/4 (273) | 12-1/2 (318) | 34-1/2 (876) | 6-1/4 (159) | 10 (254)    | 10 (254)    | 17/32 (13) | 17-1/8 (435) | 13-1/8 (333) |

Dimensions are subject to change. Not to be used for construction purposes unless certified.