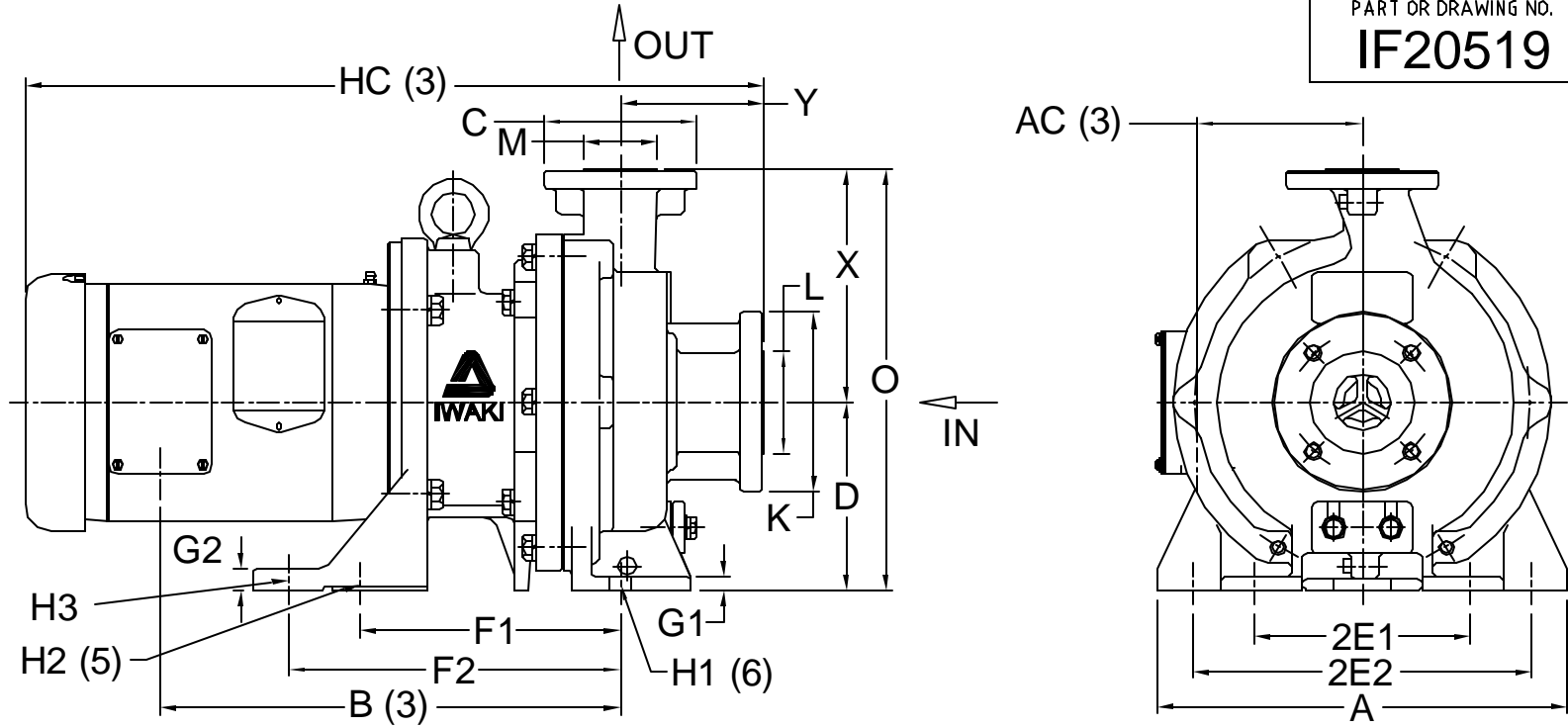


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

PART OR DRAWING NO. **IF20519** REV. **A**



| PUMP DIMENSIONS (1) | | | | | | | | | | | | | | | | |
|---------------------|--------|--------|-------|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|
| A | AC (3) | B (3) | D | 2E1 | 2E2 | F1 | F2 | G1 | G2 | H1(6) | H2 (5) | H3 | HC (3) | O | X | Y |
| 11.42" | 4.62" | 12.80" | 5.26" | 5.98 | 9.45" | 7.24" | 9.25" | 0.39" | 0.60" | 0.63" | 0.63" | 0.63" | 20.58" | 11.76" | 6.50" | 4.00" |

| MODEL | HP/ FRAME | PUMP FLANGES (2) | | DIMENSIONS | | | |
|-----------------|-----------|------------------|-----------|------------|-------|-------|-------|
| | | SUCTION | DISCHARGE | K | L | C | M |
| MDM-1516 | 2/145TC | 1.5" | 1" | 5.00" | 2.87" | 4.25" | 2.00" |

NOTES AND REFERENCES:

- (1) ALL DIMENSIONS IN INCHES. ALL TOLERANCES $\pm .125"$, CONSULT IWAKI AMERICA FOR MORE DETAILS. ACTUAL PRODUCT MAY DIFFER ON SOME POINTS.
- (2) BOLT HOLE LOCATIONS OF SUCTION AND DISCHARGE FLANGES CONFORM TO ANSI B16.5 150 LB STANDARD. THE FLANGE BOLT HOLES HAVE 1/2" -13 UNC THREADS.
- (3) DIMENSION MAY VARY BASED ON MOTOR SIZE AND MANUFACTURER.
- 4 NEMA MG 1-1993, PART 4 USED FOR REFERENCE.
- (5) SLOT IS OPEN ENDED TO REAR OF FRAME.
- (6) SLOTS ARE OPEN ENDED TO SIDE OF FRAME.
- 7 PUMP DIMENSIONS BASED ON ANSI B73.3M-1997.
- 8 DRAWN PER 2Z000238 (MDM1516- F02A- 2).

| | | | | | | | |
|---|-----|---------------|-----|--|-----------|---|------------------------------------|
| 10619 | | CREATED PRINT | | 08-01-04 | | A | |
| ECO# | | DESCRIPTION | | | DATE | | REV. LTR. |
| PUMP WEIGHT | | | | WET-END MATERIALS | | | |
| 100 LB | | | | CFRETFE OR PFA | | | |
| EDT | 04 | 08 | 04 | CJC | 1 | | |
| DRAWN | DAY | MO. | YR. | RELEASED | SHEET NO. | | |
| | | | | 5 Boynton Rd. Hopping Brook Park Holliston, MA 01746 (508) 429-1440 | | | |
| | | | | www.IwakiAmerica.com | | | |
| TITLE | | | | | | | IF20519 PART OR DWG. NO. |
| MDM-1516 (2 HP) Dimensional Drawing | | | | | | | |
| | | | | | | | REV. A |