

## CONSTRUCTION MATERIALS

|                 | STANDARD                                                                          | TYPE A    | TYPE B  | TYPE C | TYPE D | TYPE E  | TYPE F | TYPE G |
|-----------------|-----------------------------------------------------------------------------------|-----------|---------|--------|--------|---------|--------|--------|
| CASING          | A 48CL30                                                                          |           |         |        |        | CD4 MCU | SS 316 | ADI    |
| IMPELLER        | A 60-40-18                                                                        | A 216     | CD4 MCU | SS 316 | ADI    | CD4 MCU | SS 316 | ADI    |
| WEAR PLATE      | SAE 1020                                                                          | A 216     | CD4 MCU | SS 316 | ADI    | CD4 MCU | SS 316 | ADI    |
| COVER PLATE     | A 48CL30                                                                          | A 216     | CD4 MCU | SS 316 | ADI    | CD4 MCU | SS 316 | ADI    |
| BEARING HOUSING | A 48CL30                                                                          |           |         |        |        | CD4 MCU | SS 316 | ADI    |
| SEAL PLATE      | A 48CL30                                                                          | A 216     | CD4 MCU | SS 316 | ADI    | CD4 MCU | SS 316 | ADI    |
| FLAP VALVE      | Neoprene                                                                          |           |         |        |        | Viton   |        |        |
| SLEEVE SHAFT    | ANSI 4140HT                                                                       | ANSI 17-4 |         |        |        |         |        |        |
| FLANGE          | A 48CL30                                                                          |           |         |        | ADI    | SS 316  | SS 316 | ADI    |
| O'RINGS         | Buna                                                                              |           | Viton   |        |        |         |        |        |
| IMPELLER SHAFT  | ANSI 4140HT                                                                       | ANSI 17-4 |         |        |        |         |        |        |
| MECHANICAL SEAL | Casing in SS 316, O´rings in Buna & Viton, faces in titanium and tungsten carbide |           |         |        |        |         |        |        |

THE MECHANICAL SEAL FOR ALL MODELS HAS A 316SS BODY, VITON O'RINGS AND TUNGSTEN CARBIDE FACES. OTHER SEALS AVAILABLE UPON REQUEST.

ALL CAST IRON PARTS ARE ASTM 48, CLASS 30.

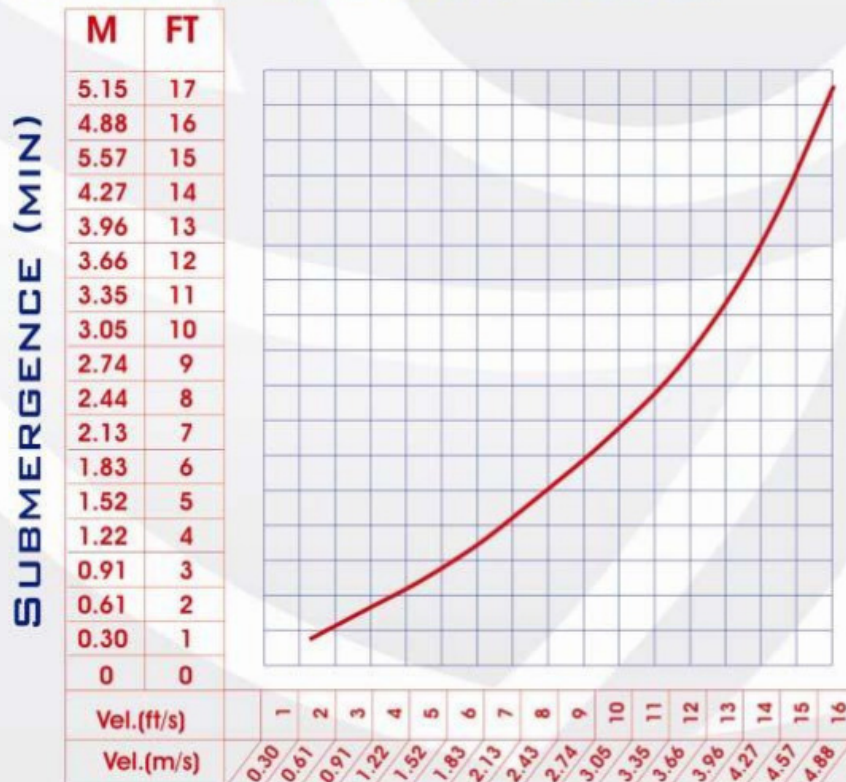
ALL CARBON STEEL SHAFTS ARE SAE 4140 HT

ALL PARTS LABELED CD4 ARE HARDENED 18-8 STAINLESS STEEL, CD4, DIN 1-4463

ALL PARTS LABELED 316SS ARE CF8M

EPOXY AND CERAMIC INTERNAL COATINGS ARE AVAILABLE. PLEASE CALL FOR QUOTE.

## SUCTION SPEED FLOW CURVE



**NOTE 1:** THE SUGGESTED SUCTION SHOULD HAVE THE SAME NOMINAL DIAMETER AS THE PUMP, SO THAT THE SOLIDS WILL BE TOTALLY SWEEP UP.

**2:** IF THE SPEED IS HIGHER THAN 3.5 M/S AND IF THERE IS A NEED FOR HIGHER "NPSH", PLEASE CONTACT THE FACTORY.