

# WARRENDER, LTD.

This chart shows the proper components required for ordering  
**WARRENDER** "WMDA" series standard alloy centrifugal  
 Mag Drive pumps.

ORDERING EXAMPLE  
**WMDA A 02 E 1 1 1 1**

**CATEGORY SELECTION:**

**SERIES:**

WMDA Standard Alloy Centrifugal Mag Drive

**DESIGN**

- A-ANSI B73.1
- B- Vertical Inline B73.2
- P - API 685
- C - Centerline
- I - ISO 2858
- S - Self-Priming
- MS - Multi-stage



**SIZE**

ISO	ANSI	API
00- (25-160)	N/A	N/A
01- (32-125)	N/A	N/A
02- (32-160)	(2 x 1.5 x 6)	(2 x 1.5 x 6)
03- (32-200)	(2 x 1.5 x 8)	(2 x 1.5 x 8)
04- (32-250)	(2 x 1.5 x 10)	(2 x 1.5 x 10)
05- (40-125)	N/A	N/A
06- (40-160)	(3 x 1.5 x 6)	(3 x 1.5 x 6)
07- (40-200)	(3 x 1.5 x 8)	(3 x 1.5 x 8)
08- (40-250)	(3 x 1.5 x 10)	(3 x 1.5 x 10)
09- (40-315)	(3 x 1.5 x 13)	(3 x 1.5 x 13)
10- (50-125)	N/A	N/A
11- (50-160)	(3 x 2 x 6)	(3 x 2 x 6)
12- (50-200)	(3 x 2 x 8)	(3 x 2 x 8)

ISO	ANSI	API
13- (50-250)	(3 x 2 x 10)	(3 x 2 x 10)
14- (50-315)	(3 x 2 x 13)	(3 x 2 x 13)
15- (65-125)	N/A	N/A
16- (65-160)	(4 x 3 x 6)	(4 x 3 x 6)
17- (65-200)	(4 x 3 x 8)	(4 x 3 x 8)
18- (65-250)	(4 x 3 x 10)	(4 x 3 x 10)
19- (65-315)	(4 x 3 x 13)	(4 x 3 x 13)
20- (80-160)	N/A	(6 x 3 x 6)
21- (80-200)	N/A	(6 x 3 x 8)
22- (80-250)	N/A	(6 x 3 x 10)
23- (80-315)	N/A	(6 x 3 x 13)
24- (80-400)	N/A	(6 x 3 x 15)
25- (100-200)	N/A	(6 x 4 x 8)

ISO	ANSI	API
26- (100-250)	(6 x 4 x 10)	(6 x 4 x 10)
27- (100-315)	(6 x 4 x 13)	(6 x 4 x 13)
28- (100-400)	(6 x 4 x 15)	(6 x 4 x 15)
29- (150-250)	(8 x 6 x 10)	(8 x 6 x 10)
30- (150-315)	(8 x 6 x 13)	(8 x 6 x 13)
35-	(1.5 x 1.5 x 10)	
36-	(2 x 2 x 10)	
37-	(3 x 3 x 10)	

**PUMP CASING & IMPELLER TYPE:**

- F = FULLY OPEN
- S = SEMI OPEN
- E = ENCLOSED

**CASING MATERIAL:**

- 1 - 316-SS
- 2 - CD4-MCU
- 3 - Alloy-20
- 4 - Incoloy-825
- 5 - Hastelloy-C276
- 6 - Monel-400
- 7 - Ductile Iron
- 8 - Cast Steel
- 9 - Titanium

**REAR CARTRIDGE MATERIAL:**

- 1 - 316-SS
- 2 - CD4-MCU
- 3 - Alloy-20
- 4 - Incoloy-825
- 5 - Hastelloy-C276
- 6 - Monel-400
- 8 - Cast Steel
- 9 - Titanium

**MAGNETIC COUPLING:** For HIGH TEMP add the letter "H" after the coupling letter.

- 1 - 2-2, I (7.5 HP)
- 2 - 2-3, I (10 HP)
- 3 - 3-3, I (20 HP)
- 4 -
- 6 - 5-5, II (30 HP)
- 7 - 6-6, II (50 HP)
- 8 - 7-7, II (100 HP)

**MOTOR DRIVE:**

- 1 - TEFC, Closed-Coupled, 3 phase
- 2 - TEFC, Closed-Coupled, 1 phase
- 3 - UL-EXP, Close-Coupled, 3 phase
- 4 - UL-EXP, Close-Coupled, 1 phase
- 5 - Bearing Pedestal for Base Mounting
- 6 - Complete Close Coupled pump, less motor

\*150# ANSI flanges are standard.  
 Standard magnet design is rated to 400 degrees F, "High Temp" to 600 Degrees F.  
 Magnet coupling HP rating is base upon 3500 RPM operation.  
 For Specific Materials of Construction Refer to Production Code Sheet