

# REMX NAMEPLATE RECOGNITION

**REMX IE2 SERIES (MEPS 2) 3-Phase Induction Motor**

Motor Type: TYPE YH160M-42-4 NO. HS1407002 CL. F IP 55 S1

$\oplus$ V	Hz	r/min	kW	A	COS $\phi$	$\oplus$
415 $\Delta$	50	1460	11	20.3	0.82	
720Y	50	1460	11	11.7	0.82	
440 $\Delta$	60	1750	13.2	22.7	0.82	
480 $\Delta$	60	1750	13.2	20.8	0.82	

D.E. 6309-2Z-C3 N.D.E. 6309-2Z-C3 162 kg

AS1359-2006 IEC60034-1

**Callouts:**

- Frame Size: YH160M-42-4
- Shaft Size: 42
- Pole: 4
- Motor Factory Serial Number: HS1407002
- Motor Insulation Class (in sample F): S1
- IP Rating: International Protection Rating. It classifies the degrees of protection.
- Power Factor of Motor COS  $\phi$ : 0.82
- Amount of Current Draw at Full Load in Various Connections: A (20.3, 11.7, 22.7, 20.8)
- Weight of Motor: 162 kg
- Bearing Size for Drive End (DE): 6309
- Bearing Size for Non Drive End (NDE): 6309
- Standard Compliance AS + IEC: AS1359-2006, IEC60034-1

**Range of Voltages:** 415 Volt 50hz is most common connection + Various Connections for other voltages worldwide and shipping etc.

**Frequency governed by power provider (effects motor speed). 50hz is standard for Australia. 60hz is standard for Shipping and International.**

**Motor RPM (Revs Per Minute) @ 50hz and 60hz. \*NOTE: Increase in speed for 60hz.**

**Motor Kilowatt for both 50hz and 60hz. \*Note approx. 20% increase in speed for 60hz**

**Mounting of Motors:** (Marked on Carton or Crate)

B3: Foot Mount (for long coupling of motor to pump).  
 B5: Flange Mount Only (usually for Vertical Multi-stage Pumps).  
 B35: Foot and Flange Mount (for close coupling motor to pump e.g. Compacts etc).

**Poles - In Relation to Speed**

2 Pole: Approx. 2900rpm @ 50hz  
 4 Pole: Approx. 1460rpm @ 50hz  
 6 Pole: Approx. 950rpm @ 50hz  
 \*NOTE: 60hz gives approx. 20% increase in RPM