



**marathon**<sup>TM</sup>  
Motors

Small Motor Rule  
EISA Expansion Compliance

SB585

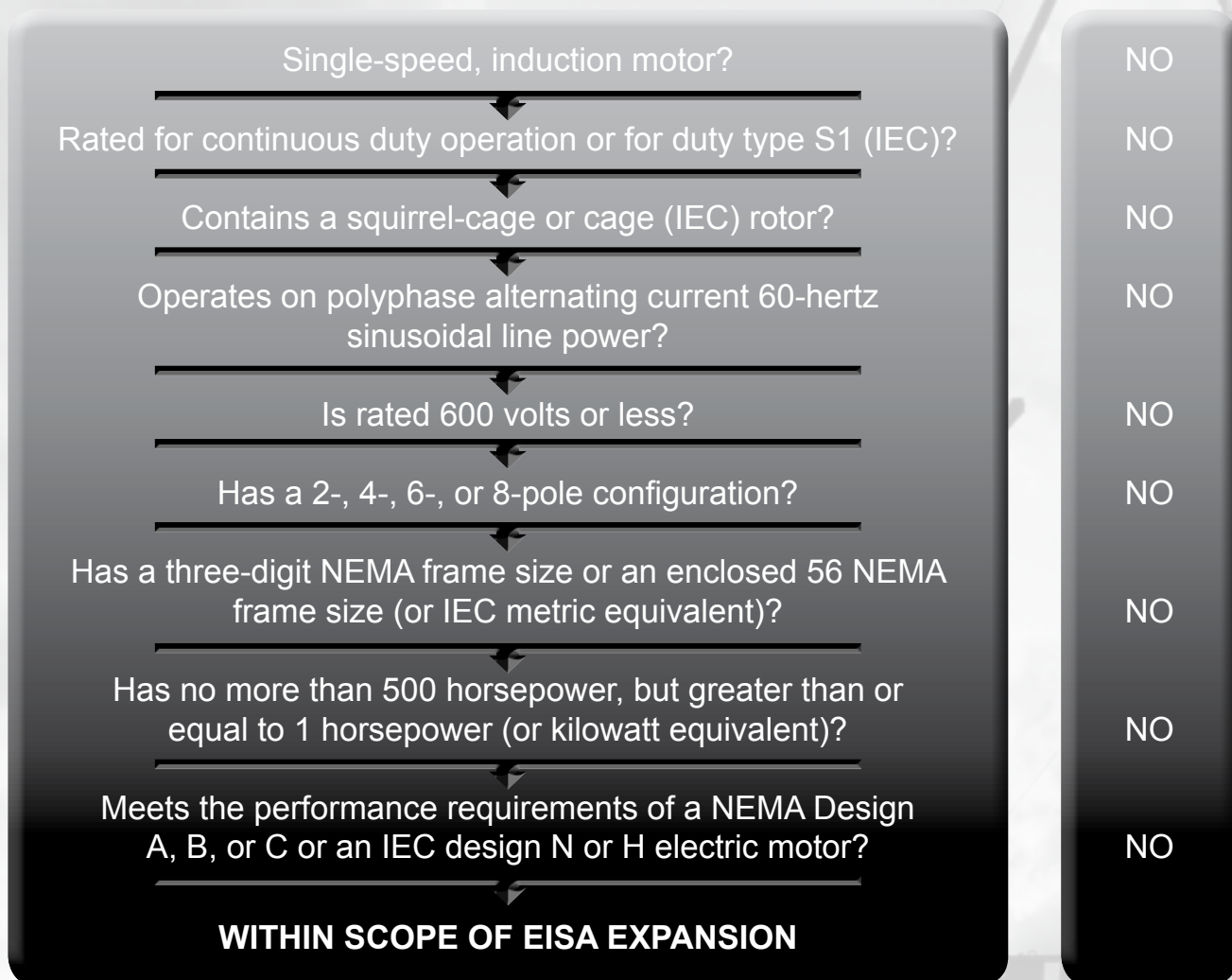


Innovative Brands from Regal

**REGAL**

**YES**, for all lines = IN SCOPE OF EISA  
**NO**, to any line = OUT OF EISA SCOPE

## EISA Expansion Decision Tree

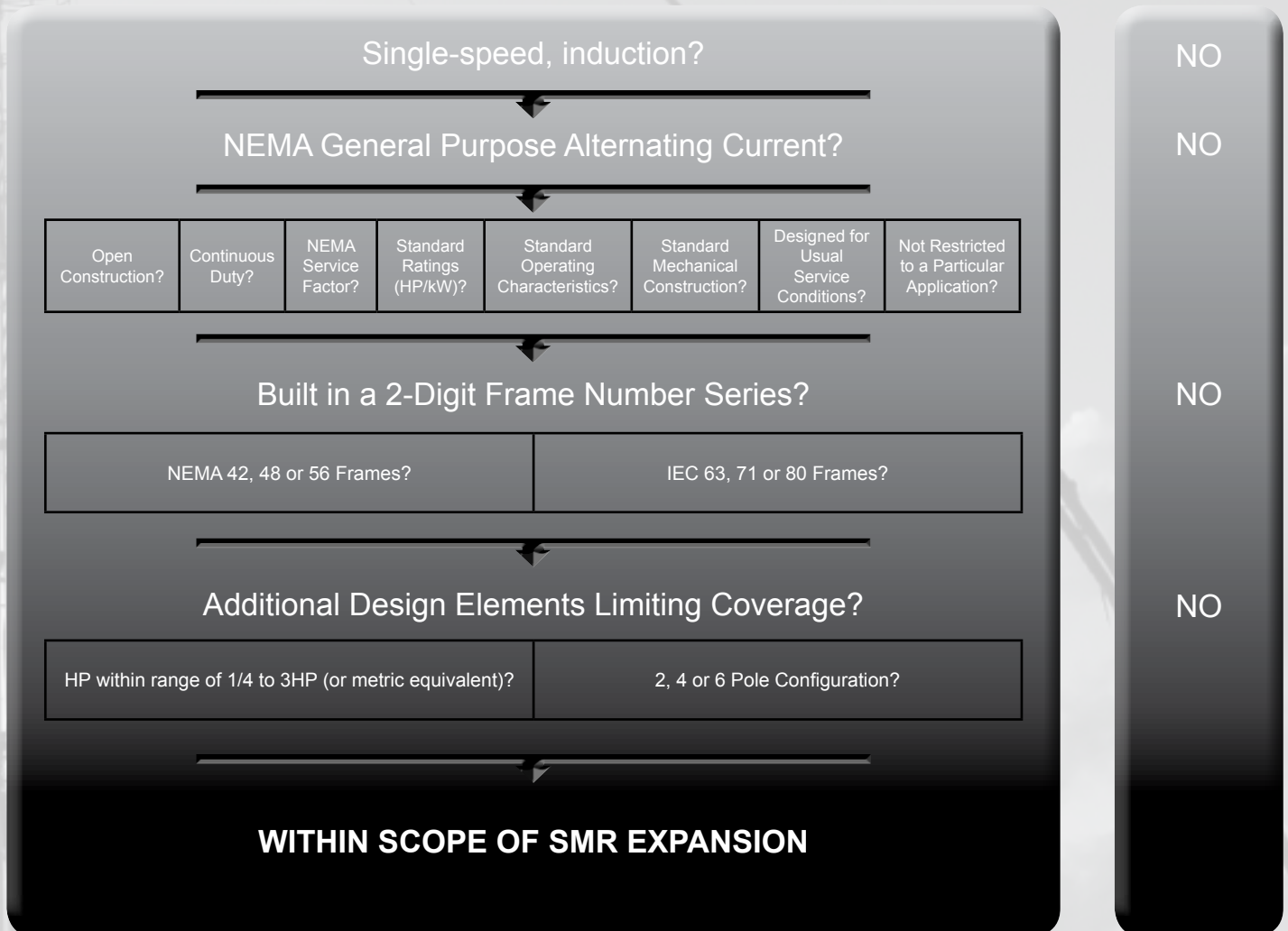


## EXCLUSIONS

- ▶ Dual Speed, Multiple Speed
- ▶ Definite Purpose Inverter-Fed
- ▶ Air-Over
- ▶ Submersible
- ▶ Component Sets
- ▶ Liquid Cooled
- ▶ PMAC, SRAC, ECM
- ▶ Short-time or Intermittent
- ▶ NEMA 48 Frame and 56 Frame DP
- ▶ Below IEC 80 Frame

**YES**, for all lines = IN SCOPE OF SMR  
**NO**, to any line = OUT OF SMR SCOPE

## Small Motor Rule Decision Tree



## EXCLUSIONS

- ▶ Dual Speed, Multiple Speed
- ▶ Definite Purpose Inverter-Fed
- ▶ Definite or Special Purpose
- ▶ Air-Over and Blower motors
- ▶ Vertical Mounting
- ▶ Thrust/Sleeve Bearing
- ▶ Submersible & Immersible
- ▶ Component Sets & Partialas
- ▶ Brake Motor
- ▶ Customer Defined Shaft/mtg.
- ▶ Liquid Cooled
- ▶ Encapsulated
- ▶ Double Shafts
- ▶ Close-Coupled Pump
- ▶ 56J and D Flange
- ▶ Pool Pump Mounting
- ▶ PSC, Shaded Pole, Split Phase, PMAC, SRAC, ECM
- ▶ Above NEMA Service Factor
- ▶ Intermittent Duty



## “EISA Expansion”

Effective June 1, 2016  
1-500HP General,  
Definite and Special Purpose  
Meet NEMA Table 12-12  
Expands EISA2010 to include:

- 201-500HP
- 8 Pole Ratings
- Enclosed 56fr, IHP
- Non-Standard Shaft
- Vertical Hollow Shaft
- TENV

## “Small Motor Rule”

Effective 3/9/2015 or 3/9/2017  
for 3rd Party Listing or certified  
models  
General Purpose 2-digit frames  
(NEMA & IEC):

- 2, 4, 6 Pole
- ¼ to 3 HP
- Polyphase and Capacitor Start Designs
- Open Construction
- Continuous Duty
- NEMA Service Factor

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