

marathon[®]

Motors

Vertical Solid Shaft P-Base Motors SB567



A Regal Brand

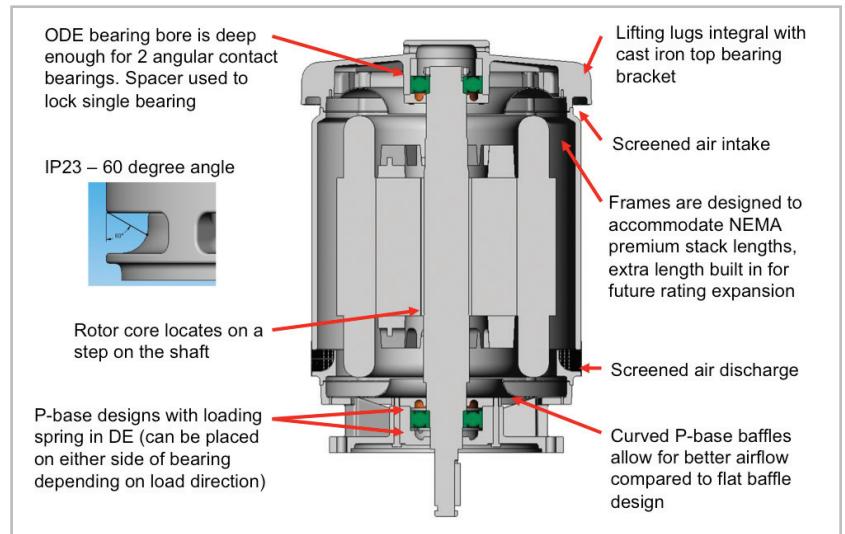
REGAL

Vertical Solid Shaft P-Base Motors

Marathon Motors introduces its new line of cast iron, vertical solid shaft motors for use in pumping applications such as fire pumps, marine, irrigation, excavation draining, service water storage and boosting, cooling tower water recycling, pipeline boosting, water treatment plant recycling, to list a few.

Product Features Include:

- ODP
- 3 phase, 230/460, 460 & 575 standards (special voltages available)
- 7.5 to 500 HP (frame sizes 250-500)
- 2, 4 & 6 pole
- Cast iron construction
- Ball bearings
- Angular contact bearings for medium and high thrust applications
- 1.15 service factor
- NEMA Premium Efficiency
- UL Recognized and CSA Certified
- UL listed fire pump
- IP23, Suitable for marine below deck applications
- Cast iron frame has been designed to include flats to mount vibration sensors
- Complies with the American Recovery & Reinvestment Act (ARRA, Buy American)



| | | | Max Downthrust (lbs) | | | | | Max Downthrust (lbs) | |
|------------|-----|------|----------------------|--------|------------|-----|------|----------------------|--------|
| Frame Size | HP | RPM | Normal | Medium | Frame Size | HP | RPM | Normal | Medium |
| 254 | 7.5 | 1200 | 450 | 1675 | 364 | 75 | 3600 | 550 | 2350 |
| 256 | 10 | 1200 | 450 | 1675 | 365 | 75 | 1800 | 700 | 2900 |
| 254 | 15 | 1800 | 350 | 1450 | 365 | 100 | 3600 | 525 | 2300 |
| 254 | 20 | 3600 | 210 | 1100 | 405 | 75 | 1200 | 1250 | 4400 |
| 256 | 20 | 1800 | 350 | 1450 | 404 | 60 | 1200 | 1300 | 4400 |
| 256 | 25 | 3600 | 210 | 1100 | 404 | 100 | 1800 | 1000 | 3800 |
| 364 | 40 | 1200 | 950 | 3400 | 404 | 125 | 3600 | 475 | 2300 |
| 365 | 50 | 1200 | 925 | 3400 | 405 | 125 | 1800 | 980 | 3800 |
| 364 | 60 | 1800 | 725 | 2925 | 405 | 150 | 3600 | 450 | 2200 |

250, 360 and 400 frame sizes are currently available.

280, 320 and 440 frame sizes will be available first half of 2013

Thrust loads are based on 1 year B10 life



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