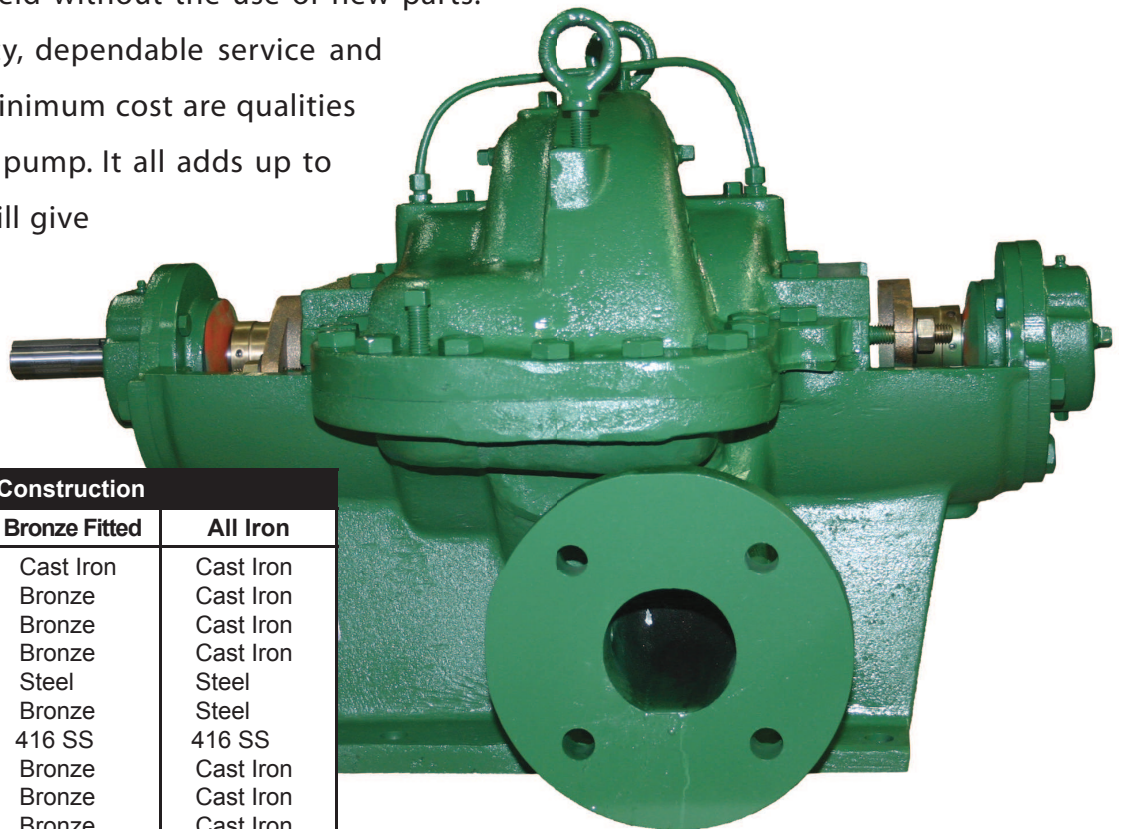


5260 Horizontal Two-stage Split-case Pumps

Efficient heavy duty pumps ideal for high-head applications
Capacities to 650 GPM
Heads to 800 Feet

Deming 5260 pumps were designed to incorporate mechanical simplicity with the most modern principals of hydraulic design and engineering. These pumps cost less to buy, less to operate and less to maintain. Deming two-stage split-case pumps are designed for a wide variety of applications. They are ideal for high heads for boiler feed or booster service. Available for right or left-hand rotation. Direction of rotation can be changed easily in the field without the use of new parts. Long life, high efficiency, dependable service and top performance at a minimum cost are qualities found in every Deming pump. It all adds up to a superior pump that will give years of continuous, reliable service.

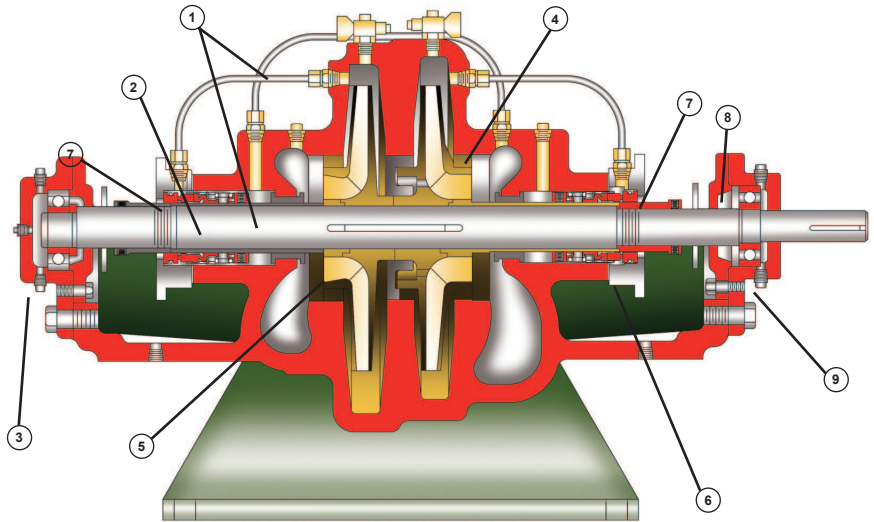


| Materials of Construction | | |
|---------------------------|---------------|-----------|
| Component | Bronze Fitted | All Iron |
| Casing | Cast Iron | Cast Iron |
| Impellers | Bronze | Cast Iron |
| Case wearing rings | Bronze | Cast Iron |
| Inter stage diaphragm | Bronze | Cast Iron |
| Shaft | Steel | Steel |
| Sleeve Nut | Bronze | Steel |
| Shaft Sleeve | 416 SS | 416 SS |
| Gland | Bronze | Cast Iron |
| Throat bushing | Bronze | Cast Iron |
| Seal Cage | Bronze | Cast Iron |
| Gland studs and nuts | Bronze | Steel |

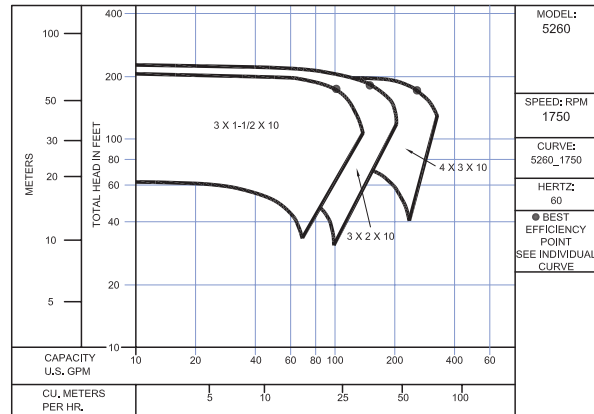
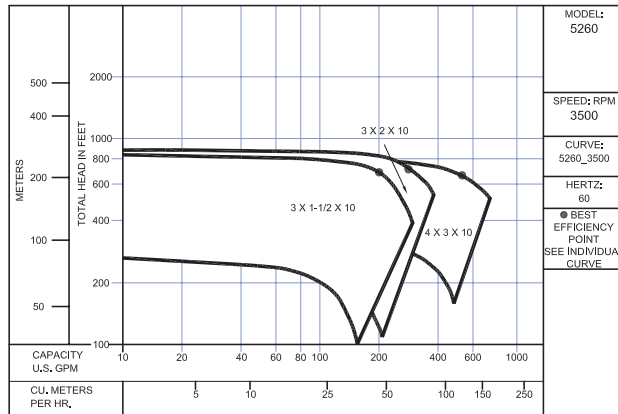
Deming 5260 Series

Design Features:

- 1. Reduced stuffing box pressure.** Through the use of a balancing pipe connecting pressure-reducing bushings in both stuffing boxes, the pressure in the second-stage box is effectively reduced by one-half.
- 2. Bronze shaft sleeves** are standard equipment. Stainless steel is available.
- 3. Outboard (thrust) bearing** is locked to shaft using a heavy duty, spring steel, retaining ring. Any unaccountable axial thrust is carried by the bearing. Grease lubrication, with flush-filling connections, is standard construction. Water-jacketed are optional.
- 4. Casing horizontally split** on center line permits easy removal of entire rotor assembly when upper half of casing is removed.
- 5. Gasket joint** between shaft sleeve and impeller prevents leakage under shaft sleeve and reduces shaft corrosion.
- 6. Mechanical shaft seals** can be installed at factory or in field without special machining of casing, because box is



- identical for both applications.
- 7. Flange-type floating wearing rings** with labyrinth-type seal between flange and casing.
- 8. Two-piece gland** with drip chamber to confine leakage, held in place with bronze studs and nuts, permits packing to be replaced without disassembly of pump.
- 9. Bearings** are single-row, deep-groove type ball bearings, mounted in dirt and moisture-proof cast-iron housings, bolted to lower half of the casing. Identical bearings on both ends are interchangeable to reduce maintenance difficulties.



CRANE
A Crane Co. Company

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