

1 General

1.1 RELATED SECTIONS

- .1 Section 21 05 01 - Common Work Results - Mechanical.
- .2 Section 22 11 16 - Domestic Water Piping.
- .3 Section 23 05 53.1 – Mechanical Identification.

1.2 REFERENCES

- .1 National Plumbing Code of Canada (2010).

1.3 SUBMITTALS

- .1 Provide Shop Drawing and Maintenance Manual submittals in accordance with Section 01 33 00 - Submittal Procedures and Section 21 05 01 – Common Work Results - Mechanical.

2 Products

2.1 DOMESTIC COLD WATER RECIRCULATING PUMPS

- .1 Construction: wet rotor, in-line centrifugal, all bronze construction, stainless steel shaft, stainless steel or bronze shaft sleeve, two oil lubricated bronze sleeves or ball bearings. Rated for 860 kPa and 105 degrees C continuous service.
- .2 Motor: drip-proof, with thermal overload protection.
- .3 Supports: provide as recommended by manufacturer.
- .4 Acceptable Materials: Armstrong, Grundfos, ITT Bell & Gossett, Taco.

3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage, and installation instructions, and datasheets.

3.2 INSTALLATION

- .1 Make piping and electrical connections to pump and motor assembly and controls as indicated.
- .2 Ensure pump and motor assembly do not support piping.
- .3 Ensure pumps are readily accessible for servicing without interfering with installation or operation of other equipment.

END OF SECTION