



VARLEY

# Selecting a castor for a new application

*Has the customer specified any of the following*

**1 Sizes**  
 Fitted height  Wheel diameter

**2 Load capacity per castor (Kg)**  
 In good working conditions, and if four wheels are to bear the load, divide the total load by 3 to build in a safety margin

**3 Fixing type**  
 Plate fixing  Thread fixing  Other (specify)   
 Single hole fixing  Expanding plug fixing

**4 Fixing size**  
 eg: Top plate size, tube size, thread size etc

**5 Wheel material**  
 Wheel centre  Tyre (if any)

*If wheel type is not specified, refer to the following*

**6a Working conditions which may inhibit wheel choice**  
 High temperature, wet, cold, chemicals, electronics, soft ground, high speed, uneven or damaged floor surface, power towing etc.

**6b** On a **HARD FLOOR** surface in **GOOD CONDITION**, an untyred wheel can be used, but may be noisy with potential to damage the floor

On a **HARD FLOOR** surface in **POOR CONDITION**, a tyred wheel will be quietest and smoothest running with better ability to negotiate unevenness

On a **SOFT FLOOR** surface an untyred wheel can be used, but may have the potential to damage the floor

*Lighter duty, more economic.....Heavier duty, more expensive*

<b>UNTYRED WHEELS</b>	<input type="checkbox"/> Polypropylene	<input type="checkbox"/> Nylon	<input type="checkbox"/> Cast iron	<input type="checkbox"/> Steel				
<b>TYRED WHEELS</b>	<input type="checkbox"/> Plastic with rubber tyre	<input type="checkbox"/> Pressed steel with rubber tyre	<input type="checkbox"/> Nylon with rubber tyre	<input type="checkbox"/> Aluminium with rubber tyre	<input type="checkbox"/> Cast iron with rubber tyre	<input type="checkbox"/> Nylon with polyurethane tyre	<input type="checkbox"/> Aluminium with polyurethane tyre	<input type="checkbox"/> Cast iron with polyurethane tyre

**6c Is a wheel bearing required?** A bearing will only increase manoeuvrability NOT load capacity

*Less smooth, more economic.....Smoother running, more expensive*

No bearing (plain bore)  Roller Bearing  Ball Journal  Taper roller

**7 Quantity required**  
 Swivel  Fixed  Castors with adaptation eg. brake, directional lock etc  
 Specify adaptation

**8 From:** Your name  Branch name / no.

Telephone  Fax

**To:** Name  Fax **0161 928 7824**

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