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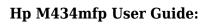
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Tao Wei



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web a fluid container sealed by a piston is open c in this case an external axial force f a is mandatory for equilibrium of the overall piston and cylinder assembly a bicycle pump is a common example if a i is the internal circular area then a free body of either piston or cylinder end c must have f a p i a i and there is no need for axial wall stresses to

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