

**Laboratory** Kirloskar Pneumatic Co. Ltd.-Metallurgical Lab, Hadapsar Industrial Estate, Pune, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Mechanical Testing **Issue Date** 11.01.2014

**Certificate Number** T-2773 **Valid Until** 10.01.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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#### I. METAL & METAL PRODUCTS

1.	Metallic Materials	<b>Tensile Testing:</b>		
		Ultimate Tensile Strength	IS 1608: 2005,	Up to 390 kN
		Yield strength /	ISO 6892:1998	Up to 390 kN
		0.2 % Proof Stress,		0 to 100%
		% Elongation		0 to 100%
	% Area Reduction			
	Rockwell Hardness	IS 1586: 2000		25 to 90 HRA 25 to 100 HRB 25 to 65 HRC
	Brinell Hardness	IS 1500: 2005, ISO 6506- 1:1999		150 to 450 HBW (2.5 /187.5 kg, 5/750 kg & 10/3000 kg.)
	Vickers Hardness	IS 1501: 2002, ISO 6507-1:1997		200 to 850 HV 5
	Low load Vickers Hardness	IS 1501: 2002, ISO 6507-1:1997		200 to 850 HV 0.3
2.	Steel	Effective Case Depth Measurement	IS 6416: 1988, IS1501: 2002, ISO 6507-1: 1997	300g 0.01mm traverse up to 6 mm max.

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