Feature for feature, 

Peninsular Metric Hydraulic Cylinders are exceptional! 

ISO Standard 6030 - 2 & 3 Interchangeable

IHP Series METRIC hydraulic cylinders

Up to: 210 Bar Working Pressure

Heavy Duty Service

1. Dual Axle

Wide range of dual axle models on various sizes

2. Cylinder Tube

Bore & Stroke in the largest diameter available

3. Piston

One piece greased solid steel piston in threaded form directly from piston bushing. threaded, instead of a Joint set of pistons in the cylinder barrel. Each piston is assembled with a turn ring to ensure perfect alignment. Rust resistant treated in a phosphate finish to prevent rusting. 

4. Seal Kit

Made from 100% synthetic sealant, smooth, proof, medium carbon steel with a nylon seal material. All of IHP cylinders feature a replaceable seal design. 

5. Tube Seals

Bore & Nozzles are closed at the outer portion to both the head and rod end of the cylinder. These features ensure maximum protection against leaks, contamination, and rust. 

6. Rod Seal

Not less than 24 diameter standard with an 18 diameter bore, a 30,000 hour life span, and a 30% expansion over the length of the cylinder. 

7. Rod Bumpers

Mid-axial, dual bumpers are included. Stainless Steel is used to provide added wear resistance. The bumper is made of 304 stainless steel and is resistant to rust, corrosion, and wear. 

8. Piston Rod

40,000 hour minimum strength reduction level. Ground & honed to a 000 grind. 

9. Bearing Carrying Cap

10. Ports

All ports are equipped with ISPM/PFA stainless steel angled holes. All ports are fitted with a brass bleed plug. 

11. Port Seals

12. Cushions

Height adjustable cushioning is enhanced. The cushioning can be adjusted to suit the needs of the application. 

13. Cushion Standard Trench

Steel wedge with Non-Ex. built-in, Non-Ex. built-in, Non-Ex. built-in, and also available as an option. 

14. Cushion Adjustable Trench

Steel wedge with Non-Ex. built-in, Non-Ex. built-in, and also available as an option. 

15. Safety Existant 

Safety Existant on all standard sizes. 

16. Shock Limit Switch

Safety Existant on all standard sizes. 

Field Service and Engineering Support

We understand the importance of technical assistance and the availability of products and repair parts. That’s why we have a distributor network and technical representatives throughout the country. You can also reach our Customer Service Department for help.

Complete Repair Facility

Peninsular manufactures and distributes hydraulic cylinders. All repairs are performance tested before shipment. Estimates are provided prior to repair activity.

Easy Order Procedure

For your convenience, please refer to the “How to Order and Specify Section” in the example included. Follow it step-by-step for your next order. You can also reach our Customer Service Department or your Authorized Peninsular Distributor.

For more information, please visit our website: www.peninsularhydraulics.com

Peninsular Cylinder Company

For over 30 years Peninsular have been manufacturing pneumatic and hydraulic cylinders for OEM and MRO applications that require top performance and extended service in destructive manufacturing environments.

Engineered and Built for Endurance

Peninsular Metric Hydraulic Cylinders incorporate state-of-the-art design features that are fabricated to very exact tolerance specifications from the highest quality of materials available. The result is a reliable and trouble-free operation under the most demanding conditions.

Choose From A Wide Selection

IHP Cylinders are available in ISO Standard 6030 - 2 and 3 mounting styles and rod diameters with bore sizes ranging from 40mm to 500mm. In addition, ISO Standard 6030 - 2 and 3 Cylinders may also be custom designed to suit specific customer applications and other ISO Standards. "Custom" and other type of seal materials are available to meet your specific needs. These cylinders are also available with ISPM dimensions. When ordering our ISPM Hydraulic Cylinder in a model HP.

ISO 9001-2000 Registered

IHP Cylinders are manufactured to world quality standards with a proven track record of superior performance and durability. Consult the factory for more information.