

Ports are threaded B.S.P.P. and spotfaced or machined for sealing purposes. A 4-bolt S.A.E. type flange arrangement can also be offered.

The main feed ports can be located in any position relative to the type of mounting required by the customer.

The standard positions are shown at A, B, C, and D, with the cushion adjusters and bleed screws in their relevant positions. Should intermediate positions be selected then it may result in the manufacturing of special end caps.

Full details can be obtained from A.M. Hydraulics.

Product improvement is a basic A. M. Hydraulics policy ... all dimensions are subject to change without notice. Certified dimensional prints available with order

Keeping
Industry moving

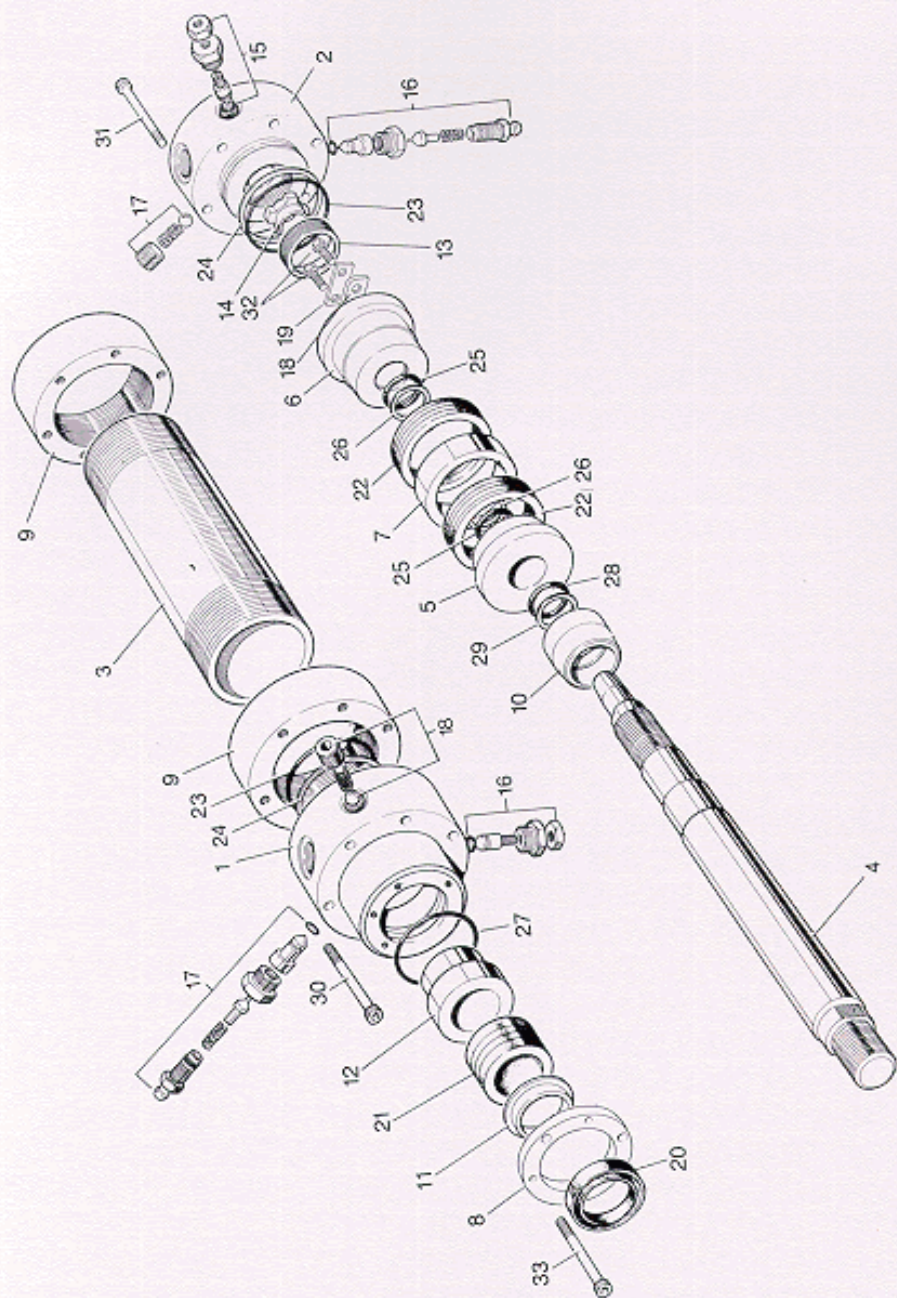


A. M. HYDRAULICS
Unit 3, Hockley Brook Trading Estate
South Road Avenue, Hockley
Birmingham B18 5JR
Telephone: 0121-554 7576
Fax: 0121-554 4640

Exploded View and Spares Detail

Heavy Duty
Hydraulic Cylinders

AM250 Series



| Item | Description | Item | Description | Item | Description |
|------|----------------------------|------|------------------------|------|-----------------------|
| 1 | Bearing End Cover | 12 | Gland Bearing | 26 | Piston Back-up Ring |
| 2 | Blank End Cover | 13 | Cushion Bush Retainer | 27 | Gland Plate 'O' Ring |
| 3 | Cylinder Tube | 14 | Cushion Bush | 28 | Cushion 'O' Ring |
| 4 | Piston Rod | 15 | Restrictor Assembly | 29 | Cushion Back-up Ring |
| 5 | Piston Body (Chevron Seal) | 16 | Bleed Assembly | 30 | High Tensile Capscrew |
| | | 17 | Check Valve Assembly | 31 | High Tensile Capscrew |
| | | 18 | Piston Looking Plate | 32 | Hex-Head Screw |
| | | 19 | Gland Bearing Retainer | 33 | High Tensile Capscrew |
| | | 20 | Cushion Bush | | |
| | | 21 | Cushion Seal | | |
| | | 22 | Gland Seal | | |
| | | 23 | Chevron Piston Seal | | |
| | | 24 | End Cover 'O' Ring | | |
| | | 25 | End Cover Back-up Ring | | |
| | | 26 | Piston 'O' Ring | | |
| | | 27 | Tab Plate | | |
| | | 28 | Wiper Seal | | |
| | | 29 | Gland Seal | | |
| | | 30 | High Tensile Capscrew | | |
| | | 31 | High Tensile Capscrew | | |
| | | 32 | Hex-Head Screw | | |
| | | 33 | High Tensile Capscrew | | |

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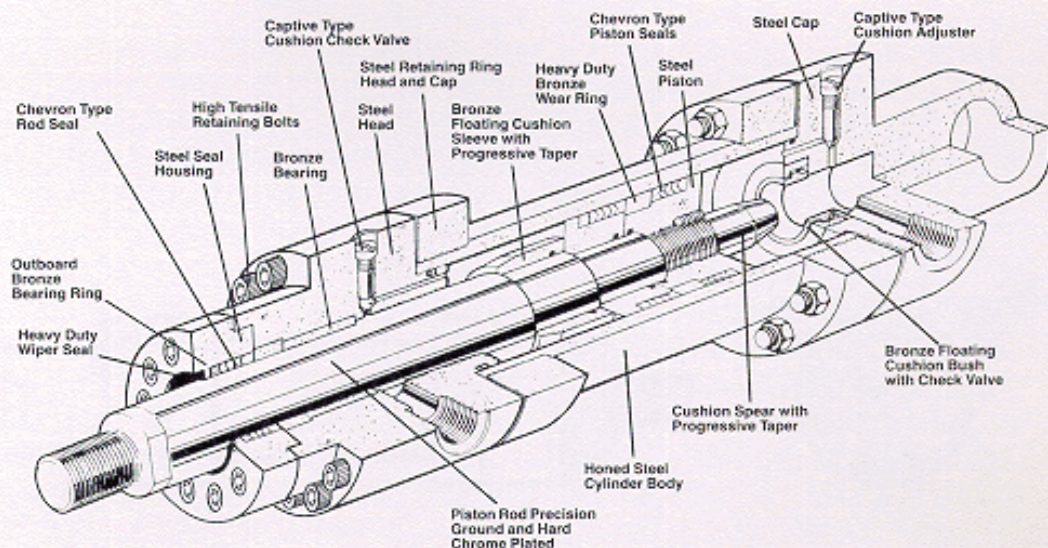
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DATA SHEET AM250/13

Pictorial Illustration & How to Order

Heavy Duty
Hydraulic Cylinders

AM250 Series



How To Order (Example AM250-100-C1-AMRCP-R-2-M1-C2--257)

| Features | Description | Symbol | Example | Features | Description | Symbol | Example |
|-------------------|---|---|---------|--|--|--------------|----------------------|
| Series | Used on all Models Nos. | AM250 | AM250 | Piston Rod End | Style M, M1 or F | M M1 F | M1 |
| Bore | Specify in Millimetres | As Required | 100 | Cushion Rear End | Fitted as Standard | C2 | C2 |
| Cushion Front End | Fitted as Standard | C1 | C1 | Stroke | Specify Millimetres | As Required | 257 |
| Mounting Styles | Front Round Flange Rear Round Flange Double Foot Clevis Fixed Eye with Spherical Bearing Clevis Fixed Eye Intermediate Fixed Trunnion | AMRFF AMRRF AMDF AMRCS AMRCP AMT | AMRCP | Special Requirements. | Customers order to include these in full detail when required i.e. Oversize Ports Special Seals Modification Stop Tube Alternative Piston arrangement Style etc Special Rod Thread Port Position | | Included as required |
| Ports | BSP Parallel | R | R | N.B. Port and air bleed positions to be specified on the order. See Data Sheet Number AM250/11 | | | |
| Piston Rod No. | Rod No. 1 Rod No. 2 | 1 2 | 2 | | | | |

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DATA SHEET AM250/12