



### DIN EN 854 / SAE 100 R5

#### Construction







Seamless oil resistant synthetic rubber  
Fibre inber braid ,and one high tensile steel wire braid  
Oil and weather resistant synthetic rubber impregnated cotton braid cover

#### Recommended fluid

Petroleum base hydraulic fluids

#### Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)

| HOSE TYPE | <br>Internal diameter |          |    | <br>External diameter | <br>Min. bend radius | <br>Max. Working pressure |      | <br>Min. Burst pressure |       | <br>Weight |
|-----------|--|----------|----|--|---|--|------|--|-------|---|
|           | Size   | Inch     | DN | mm   | mm  | Bar  | Psi  | Bar  | Psi   | Kg/m  |
| QHR5-04   | 6,4  | 1/4"     | 6  | 14,8   | 86  | 207  | 3000 | 827  | 12000 | 0,29  |
| QHR5-05   | 7,9  | 5/16"    | 8  | 17,1   | 102   | 155  | 2250 | 621  | 9000  | 0,36  |
| QHR5-07   | 10,3   | 13/32"   | 11 | 19,5   | 117   | 138  | 2000 | 552  | 8000  | 0,48  |
| QHR5-08   | 12,7   | 1/2"     | 12 | 23,4   | 140   | 121  | 1750 | 483  | 7000  | 0,55  |
| QHR5-10   | 15,9   | 5/8"     | 16 | 27,4   | 165   | 103  | 1500 | 414  | 6000  | 0,65  |
| QHR5-15   | 22,2   | 7/8"     | 22 | 31,4   | 187   | 55   | 800  | 221  | 3200  | 0,69  |
| QHR5-17   | 28,6   | 1-1/8"   | 29 | 38,1   | 229   | 43   | 625  | 172  | 2500  | 0,84  |
| QHR5-29   | 46,0   | 1-13/16" | 46 | 56,4   | 337   | 24   | 350  | 96   | 1400  | 1,26  |
|           |  |          |    |  |   |  |      |  |       |   |
|           |  |          |    |  |   |  |      |  |       |   |

Size: hose internal diameter according to SAE J517

Inch: hose internal diameter in inches

DN: nominal internal diameter according to manufacturing prescription (EN)

1 bar = 14,503 pound per square inch (PSI)