

PH413 - 3000 PSI LOW TEMPERATURE

Applicable Standard : ISO 18752 - AC (DN06 - 25), ISO 18752 - BC & CC (DN31 - 51)



Construction

- Inner tube** Black colour, synthetic rubber resistant to oil and water
- Reinforcement** Single steel wire braid (DN06 - 12)
Double steel wire braids (DN16 - 25)
Four high tensile steel wire spirals (DN31 - 51)
- Cover** Black colour, synthetic rubber resistant to abrasion and weather, oil & ozone. smooth* and wrap finish applicable only for wire braided hose
- Application** Constant pressure hydraulic lines 210 bar for use with petroleum or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & material handling equipments / systems

Note :

- WB: Wire Braid; WS: Wire Spiral

| Item Code | Dash Size | DN | Hose Structure | ID | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|----------------|-------|------|------|------|------|-----|-------|-----|------|-----|-------|
| | | | | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH413-04 | -04 | 06 | 1WB | 1/4 | 6.7 | 0.50 | 12.8 | 3000 | 210 | 12000 | 840 | 2.0 | 50 | 0.216 |
| PH413-05 | -05 | 08 | 1WB | 5/16 | 8.2 | 0.56 | 14.3 | 3000 | 210 | 12000 | 840 | 2.2 | 55 | 0.242 |
| PH413-06 | -06 | 10 | 1WB | 3/8 | 9.8 | 0.64 | 16.3 | 3000 | 210 | 12000 | 840 | 2.6 | 65 | 0.303 |
| PH413-08 | -08 | 12 | 1WB | 1/2 | 13.1 | 0.80 | 20.3 | 3000 | 210 | 12000 | 840 | 3.5 | 90 | 0.446 |
| PH413-10 | -10 | 16 | 2WB | 5/8 | 16.2 | 0.99 | 25.1 | 3000 | 210 | 12000 | 840 | 3.9 | 100 | 0.736 |
| PH413-12 | -12 | 19 | 2WB | 3/4 | 19.3 | 1.16 | 29.4 | 3000 | 210 | 12000 | 840 | 4.7 | 120 | 0.994 |
| PH413-16 | -16 | 25 | 2WB | 1 | 25.9 | 1.48 | 37.5 | 3000 | 210 | 12000 | 840 | 5.9 | 150 | 1.449 |
| PH413-20 | -20 | 31 | 4WS | 1.1/4 | 32.2 | 1.85 | 47.0 | 3000 | 210 | 12000 | 840 | 8.3 | 210 | 2.822 |
| PH413-24 | -24 | 38 | 4WS | 1.1/2 | 38.7 | 2.11 | 53.5 | 3000 | 210 | 12000 | 840 | 22.0 | 560 | 3.566 |
| PH413-32 | -32 | 51 | 4WS | 2 | 51.3 | 2.56 | 65.0 | 3000 | 210 | 12000 | 840 | 27.6 | 700 | 5.132 |



Temperature Range : -55°C to +100°C

Impulse Cycles : 2,00,000

***Smooth cover available only upto size 1"**