

PH216 - 6000 PSI

Applicable Standard : ISO 18752 - AC (DN06 - 08), ISO 18752 - BC & CC (DN10 - 51)



Construction

- Inner tube** Black colour, synthetic rubber resistant to oil and water
- Reinforcement** Double steel wire braids (DN06 - 08)
Four high tensile steel wire spirals (DN10 - 25)
Six 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 420 bar for use with petroleum or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & material handling equipments / systems

| Cover Options | Temperature Usage Options |
|----------------------|----------------------------------|
| PH216: MSHA | PH416: -55°C to + 100°C (WB) |
| PH406: HARDX MSHA | PH436: -40°C to +135°C MSHA (WB) |
| PH496: ABRAZONX MSHA | PH456: -40°C to +153°C MSHA (WB) |
| S: SMOOTH COVER | |
| W: WRAP COVER | |

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 |
| PH216-04 | -04 | 06 | 2WB | 1/4 | 6.7 | 0.52 | 13.2 | 6000 | 420 | 24000 | 1680 | 2.0 | 50 | 0.323 |
| PH216-05 | -05 | 08 | 2WB | 5/16 | 8.2 | 0.59 | 15.0 | 6000 | 420 | 24000 | 1680 | 2.4 | 60 | 0.367 |
| PH216-06 | -06 | 10 | 4WS | 3/8 | 9.8 | 0.84 | 21.4 | 6000 | 420 | 24000 | 1680 | 3.5 | 90 | 0.822 |
| PH216-08 | -08 | 12 | 4WS | 1/2 | 13.1 | 0.97 | 24.6 | 6000 | 420 | 24000 | 1680 | 4.5 | 115 | 0.994 |
| PH216-10 | -10 | 16 | 4WS | 5/8 | 16.2 | 1.06 | 27.0 | 6000 | 420 | 24000 | 1680 | 4.7 | 120 | 1.258 |
| PH216-12 | -12 | 19 | 4WS | 3/4 | 19.3 | 1.27 | 32.2 | 6000 | 420 | 24000 | 1680 | 10.4 | 265 | 1.814 |
| PH216-16 | -16 | 25 | 4WS | 1 | 25.9 | 1.53 | 38.9 | 6000 | 420 | 24000 | 1680 | 13.0 | 330 | 2.277 |
| PH216-20 | -20 | 31 | 6WS | 1.1/4 | 32.2 | 1.96 | 49.8 | 6000 | 420 | 24000 | 1680 | 17.5 | 445 | 4.269 |
| PH216-24 | -24 | 38 | 6WS | 1.1/2 | 38.7 | 2.26 | 57.3 | 6000 | 420 | 24000 | 1680 | 20.9 | 530 | 5.747 |
| PH216-32 | -32 | 51 | 6WS | 2 | 51.3 | 2.84 | 72.2 | 6000 | 420 | 24000 | 1680 | 25.6 | 650 | 7.852 |



Temperature Range : WB -40°C to +100°C, WS -40°C to +120°C

Intermittent : +120°C