

PH220 - 4SH HARD - X MSHA

Applicable Standard : EN 856 - 4SH / ISO 3862



Construction

- Inner tube** Black colour, Synthetic rubber resistant to oil and water
- Reinforcement** Four high tensile steel wire spirals
- Cover** Hard-X Black, Extra abrasion, oil, ozone resistant synthetic rubber.
- Application** Extra high pressure Hydraulic Lines 250 to 420 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipment and machineries/systems

| Item Code | Dash Size | DN | ID | | RI OD | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|-------|------|-------|------|------|------|------|-----|-------|------|-------|-----|-------|
| | | | inch | mm | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH220-12 | -12 | 19 | 3/4 | 19.4 | 1.12 | 28.4 | 1.27 | 32.2 | 6090 | 420 | 24360 | 1680 | 11.02 | 280 | 1.605 |
| PH220-16 | -16 | 25 | 1 | 25.9 | 1.40 | 35.5 | 1.52 | 38.7 | 5510 | 380 | 22040 | 1520 | 13.39 | 340 | 2.277 |
| PH220-20 | -20 | 31 | 1.1/4 | 32.5 | 1.65 | 41.9 | 1.79 | 45.5 | 5075 | 350 | 20300 | 1400 | 18.11 | 460 | 2.671 |
| PH220-24 | -24 | 38 | 1.1/2 | 38.7 | 1.92 | 48.8 | 2.11 | 53.5 | 4350 | 300 | 17400 | 1200 | 22.05 | 560 | 3.566 |
| PH220-32 | -32 | 51 | 2 | 51.3 | 2.49 | 63.2 | 2.68 | 68.1 | 3625 | 250 | 14500 | 1000 | 27.56 | 700 | 5.132 |



Temperature Range : Continuous: -40°C to +100°C

Intermittent : +120°C

Impulse Cycles : 400,000 cycles