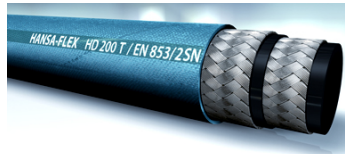


HD 200 T (2SN)

HD hose, high thermal resistance

Properties

| | |
|-------------------------|--|
| Application | Low and medium pressure circuits with extreme temperatures (e.g. foundries, compressors) Hydraulics in mechanical engineering |
| Special features | outstanding ozone, weather, UV and temperature resistance |
| Standard | EN 853 2 SN |
| Inner layer | oil resistant synthetic rubber |
| Insert | two high tensile steel wire braided inserts |
| Outer layer | synthetic rubber with high temperature, ozone and weather resistance |
| Colour | blue |
| Temp. min. | -55 °C |
| Temp. max. | 135 °C |
| Elongation | + 2 % to - 4 % |
| Media | Mineral oil Gear oil Glycol and polyglycol Air-oil vapour Water-oil emulsion (0°C to +100°C) |



Note

The change in length of the hose is determined at max. working pressure during testing to EN ISO 1402.
Operation with compressed air requires a perforated outer cover.

Item

| Identification | DN* | Size | Inches | Internal Ø min. (mm) | Internal Ø max. (mm) | Ø Insert min. (mm) | Ø Insert max. (mm) | External Ø max. (mm) | Operating pressure (bar) | Test pressure (bar) | Burst pressure (bar) | Min. bending radius (mm) |
|----------------|-----|------|--------|----------------------|----------------------|--------------------|--------------------|----------------------|--------------------------|---------------------|----------------------|--------------------------|
| HD 206 T | 6 | 4 | 1/4" | 6,2 | 7,0 | 12,1 | 13,3 | 15,7 | 400,0 | 800 | 1600 | 100 |
| HD 208 T | 8 | 5 | 5/16" | 7,7 | 8,5 | 13,7 | 14,9 | 17,3 | 350,0 | 700 | 1400 | 115 |
| HD 210 T | 10 | 6 | 3/8" | 9,3 | 10,1 | 16,1 | 17,3 | 19,7 | 330,0 | 660 | 1320 | 130 |
| HD 213 T | 12 | 8 | 1/2" | 12,3 | 13,5 | 19,0 | 20,6 | 23,0 | 275,0 | 550 | 1100 | 180 |
| HD 216 T | 16 | 10 | 5/8" | 15,5 | 16,7 | 22,2 | 23,8 | 26,2 | 250,0 | 500 | 1000 | 200 |
| HD 220 T | 19 | 12 | 3/4" | 18,6 | 19,8 | 26,2 | 27,8 | 30,1 | 215,0 | 430 | 850 | 240 |
| HD 225 T | 25 | 16 | 1" | 25,0 | 26,4 | 34,1 | 35,7 | 38,9 | 165,0 | 325 | 650 | 300 |
| HD 232 T | 31 | 20 | 1.1/4" | 31,4 | 33,0 | 43,3 | 45,7 | 49,5 | 125,0 | 250 | 500 | 420 |
| HD 240 T | 38 | 24 | 1.1/2" | 37,7 | 39,3 | 49,6 | 52,0 | 55,9 | 90,0 | 180 | 360 | 500 |
| HD 250 T | 51 | 32 | 2" | 50,4 | 52,0 | 62,3 | 64,7 | 68,6 | 80,0 | 160 | 320 | 630 |

DN = Nominal diameter, nominal width