

HYDRAULIC HOSE & PROTECTION

2SNK - Compact Two-Wire Performance Hydraulic Hose

2SNK - Compact Two-Wire Performance Hydraulic Hose configurations for the specified hydraulic duty.

Construction & technical characteristics

| Characteristic        | Specification                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Inner tube            | Synthetic rubber specified for HL/HLP/HLPD/HVLP/HFA/HFAS/HFB/HFC hydraulic fluids                      |
| Reinforcement         | Two high-tensile steel-wire braids                                                                     |
| Outer cover           | Synthetic rubber resistant to abrasion and ozone                                                       |
| Operating temperature | -40 to +120 °C                                                                                         |
| Construction standard | Exceeds ISO18752 / Exceeds DIN EN8572SC / Exceeds SAE100R2 / Exceeds DIN EN8532SN / Exceeds ISO14362SN |
| Nominal safety factor | 4:1                                                                                                    |

Ordering references: 2KP-04 / 2KP-05 / 2KP-06 / 2KP-08 / 2KP-10 / 2KP-12 / 2KP-16 / 2KP-20

Hose dimensions & operating limits

| Part code | Bore (in) | ID (mm) | OD (mm) | Working pressure (bar) | Burst pressure (bar) | Min. bend radius (mm) |
|-----------|-----------|---------|---------|------------------------|----------------------|-----------------------|
| 2KP-04    | 1/4       | 6.6     | 13.2    | 450                    | 1800                 | 45                    |
| 2KP-05    | 5/16      | 8.3     | 15.1    | 420                    | 1680                 | 55                    |
| 2KP-06    | 3/8       | 9.9     | 17      | 385                    | 1540                 | 65                    |
| 2KP-08    | 1/2       | 13      | 20.5    | 345                    | 1400                 | 90                    |
| 2KP-10    | 5/8       | 16.4    | 24.2    | 290                    | 1160                 | 100                   |
| 2KP-12    | 3/4       | 19.5    | 28.2    | 280                    | 1120                 | 140                   |
| 2KP-16    | 1         | 26      | 35.6    | 210                    | 840                  | 150                   |
| 2KP-20    | 1-1/4     | 32.5    | 43.5    | 175                    | 700                  | 300                   |

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

#### Application & quotation checklist

Inside diameter and overall length; Working pressure and pressure peaks; Fluid and operating temperature; End connections, orientation and routing

## Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.