# HK HFR2S

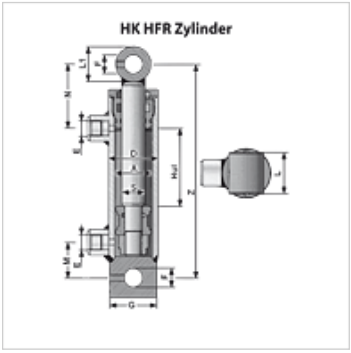
Dubultas darbības standarta cilindri ar stiprinājumiem

HANSA-FLEX

## Īpašības

| | |
|---|---|
| **Modelis** | Ar stiprinājuma elementiem |
| **Ekspluatācijas spiediens** | maks. 200 bar (atbilstoši DIN EN 982) |
| **Izmēģinājuma spiediens** | maks. 240 bar (atbilstoši DIN EN 982) |
| **Temperatūras diapazons** | Standarta modelis no -15 °C līdz +80 °C |
| **Darba vides** | HLP šķidrums |
| **Materiāls** | Virzuļkāts: Tērauds 20MnV6, hroms 25, +/- 5 mikroni<br>Virzuļkāts: 120 h izturība NSS testā atbilstoši standartam ISO 3768<br>Galvenais virzuļkāts: Tērauds 9SMn28<br>Eļļas savienojuma iemavas: Tērauds 9SMn28<br>Pulēta cilindriska caurule: ST 52.3 DIN 2393-ISO H9<br>Cilindra pamatne: FE 510-A105<br>Uzgrieznis: Tērauds 8UNI EN20898/2<br>Blīvējums TPM: NBR<br>Virzulis: Tērauds 9SMn28<br>Blīvējums OR: NBR Fluorosil Viton<br>Blīvējums TSE-TTS-TTI/L: NBR + audums/ poliuretāns<br>Blīvējums GHM-GHK: NBR/poliuretāns |






## Norāde

Sākot ar tipu HK HFR2S 060, virzuļiem ir bloķēšanas skrūve
Virzuļu darbības ātrums atkarīgs no standarta blīvējuma: maks. 25 m/min – 0,42 m/s
Virzuļu darbības ātrums gala novietojumā: maks. 6 m/min – 0,10 m/s
For these standard cylinders, it is recommended not to weld any fastenings to the cylinder liner (e.g. cardan mountings) as this could distort it.

## Apraksts

Our hydraulic cylinders and their components are designed for standard applications in industry and agriculture. They can be used only in some circumstances for applications in construction machinery. If this is your intention, please contact our technical personnel. The cylinders conform to the technical specifications in the catalogue or are designed to customers' specifications (approval drawing).
Izvēloties, pārveidojot un izmantojot cilindrus, lūdzu, ņemiet vērā
standarta EN ISO 4413 drošības prasības pret hidrotehniskajām iekārtām
un to sastāvdaļām, kā arī likumdošanā noteiktās specifikācijas un
drošības prasības.

## Izstrādājums

| Apzīmējums | Ø D (mm) | Ø A (mm) | Ø S (mm) | Gājiens (mm) | Z (mm) | Ø E | M (mm) | N (mm) | L (mm) | L1 (mm) | Ø F (mm) | G (mm) | Svars (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HK HFR2S 040 025 0100** | 50 | 40 | 25 | 100 | 270 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 3,0 |
| **HK HFR2S 040 025 0150** | 50 | 40 | 25 | 150 | 320 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 3,4 |
| **HK HFR2S 040 025 0200** | 50 | 40 | 25 | 200 | 370 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 3,9 |
| **HK HFR2S 040 025 0250** | 50 | 40 | 25 | 250 | 420 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 4,4 |
| **HK HFR2S 040 025 0300** | 50 | 40 | 25 | 300 | 470 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 4,8 |
| **HK HFR2S 040 025 0400** | 50 | 40 | 25 | 400 | 570 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 5,8 |
| **HK HFR2S 040 025 0500** | 50 | 40 | 25 | 500 | 670 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 6,7 |
| **HK HFR2S 040 025 0600** | 50 | 40 | 25 | 600 | 770 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 7,6 |
| **HK HFR2S 040 025 0700** | 50 | 40 | 25 | 700 | 870 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 8,6 |
| **HK HFR2S 040 025 0800** | 50 | 40 | 25 | 800 | 970 | 3/8" | 38 | 105 | 40 | 35 | 20,25 | 50 | 9,5 |
| **HK HFR2S 050 030 0100** | 60 | 50 | 30 | 100 | 300 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 4,4 |
| **HK HFR2S 050 030 0150** | 60 | 50 | 30 | 150 | 350 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 5,0 |
| **HK HFR2S 050 030 0200** | 60 | 50 | 30 | 200 | 400 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 5,6 |
| **HK HFR2S 050 030 0250** | 60 | 50 | 30 | 250 | 450 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 6,2 |
| **HK HFR2S 050 030 0300** | 60 | 50 | 30 | 300 | 500 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 6,9 |
| **HK HFR2S 050 030 0400** | 60 | 50 | 30 | 400 | 600 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 8,1 |
| **HK HFR2S 050 030 0500** | 60 | 50 | 30 | 500 | 700 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 9,3 |
| **HK HFR2S 050 030 0600** | 60 | 50 | 30 | 600 | 800 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 10,5 |
| **HK HFR2S 050 030 0700** | 60 | 50 | 30 | 700 | 900 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 11,8 |
| **HK HFR2S 050 030 0800** | 60 | 50 | 30 | 800 | 1000 | 3/8" | 42 | 128 | 45 | 40 | 25,25 | 60 | 13,0 |
| **HK HFR2S 060 030 0100** | 70 | 60 | 30 | 100 | 300 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 5,6 |
| **HK HFR2S 060 030 0150** | 70 | 60 | 30 | 150 | 350 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 6,3 |
| **HK HFR2S 060 030 0200** | 70 | 60 | 30 | 200 | 400 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 7,0 |
| **HK HFR2S 060 030 0250** | 70 | 60 | 30 | 250 | 450 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 7,7 |

*Neskatoties uz rūpīgu pārbaudi, mēs nevaram izslēgt kļūdas un negarantējam iekļautās informācijas pareizību.*

# HK HFR2S

Dubultas darbības standarta cilindri ar stiprinājumiem

HANSA-FLEX

## Izstrādājums

| Apzīmējums | Ø D (mm) | Ø A (mm) | Ø S (mm) | Gājiens (mm) | Z (mm) | Ø E | M (mm) | N (mm) | L (mm) | L1 (mm) | Ø F (mm) | G (mm) | Svars (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HK HFR2S 060 030 0300** | 70 | 60 | 30 | 300 | 500 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 8,3 |
| **HK HFR2S 060 030 0350** | 70 | 60 | 30 | 350 | 550 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 9,0 |
| **HK HFR2S 060 030 0400** | 70 | 60 | 30 | 400 | 600 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 9,7 |
| **HK HFR2S 060 030 0450** | 70 | 60 | 30 | 450 | 650 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 10,4 |
| **HK HFR2S 060 030 0500** | 70 | 60 | 30 | 500 | 700 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 11,0 |
| **HK HFR2S 060 030 0600** | 70 | 60 | 30 | 600 | 800 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 12,4 |
| **HK HFR2S 060 030 0700** | 70 | 60 | 30 | 700 | 900 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 13,7 |
| | | | | | | | | | | | | | |
| **HK HFR2S 060 035 0200** | 70 | 60 | 35 | 200 | 400 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 7,5 |
| **HK HFR2S 060 035 0300** | 70 | 60 | 35 | 300 | 500 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 9,0 |
| **HK HFR2S 060 035 0400** | 70 | 60 | 35 | 400 | 600 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 10,6 |
| **HK HFR2S 060 035 0500** | 70 | 60 | 35 | 500 | 700 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 12,1 |
| **HK HFR2S 060 035 0600** | 70 | 60 | 35 | 600 | 800 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 13,7 |
| **HK HFR2S 060 035 0700** | 70 | 60 | 35 | 700 | 900 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 15,2 |
| | | | | | | | | | | | | | |
| **HK HFR2S 070 040 0200** | 80 | 70 | 40 | 200 | 410 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 10,1 |
| **HK HFR2S 070 040 0250** | 80 | 70 | 40 | 250 | 460 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 11,0 |
| **HK HFR2S 070 040 0300** | 80 | 70 | 40 | 300 | 510 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 12,0 |
| **HK HFR2S 070 040 0350** | 80 | 70 | 40 | 350 | 560 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 13,0 |
| **HK HFR2S 070 040 0400** | 80 | 70 | 40 | 400 | 610 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 13,9 |
| **HK HFR2S 070 040 0450** | 80 | 70 | 40 | 450 | 660 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 14,9 |
| **HK HFR2S 070 040 0500** | 80 | 70 | 40 | 500 | 710 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 15,8 |
| **HK HFR2S 070 040 0700** | 80 | 70 | 40 | 700 | 910 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 19,6 |
| **HK HFR2S 070 040 0600** | 80 | 70 | 40 | 600 | 810 | 3/8" | 46 | 132 | 55 | 50 | 30,25 | 80 | 17,7 |
| **HK HFR2S 080 040 0200** | 92 | 80 | 40 | 200 | 410 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 13,0 |
| **HK HFR2S 080 040 0250** | 92 | 80 | 40 | 250 | 460 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 14,2 |
| **HK HFR2S 080 040 0300** | 92 | 80 | 40 | 300 | 510 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 15,3 |
| **HK HFR2S 080 040 0350** | 92 | 80 | 40 | 350 | 560 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 16,4 |
| **HK HFR2S 080 040 0400** | 92 | 80 | 40 | 400 | 610 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 17,5 |
| **HK HFR2S 080 040 0500** | 92 | 80 | 40 | 500 | 710 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 19,8 |
| **HK HFR2S 080 040 0600** | 92 | 80 | 40 | 600 | 810 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 22,0 |
| **HK HFR2S 080 040 0700** | 92 | 80 | 40 | 700 | 910 | 3/8" | 42 | 130 | 55 | 50 | 30,25 | 90 | 24,3 |
| | | | | | | | | | | | | | |
| **HK HFR2S 100 050 0200** | 115 | 100 | 50 | 200 | 425 | 1/2" | 45 | 141 | 70 | 60 | 30,25 | 115 | 21,5 |
| **HK HFR2S 100 050 0300** | 115 | 100 | 50 | 300 | 525 | 1/2" | 45 | 141 | 70 | 60 | 30,25 | 115 | 25,0 |
| **HK HFR2S 100 050 0400** | 115 | 100 | 50 | 400 | 625 | 1/2" | 45 | 141 | 70 | 60 | 30,25 | 115 | 28,5 |
| **HK HFR2S 100 050 0500** | 115 | 100 | 50 | 500 | 725 | 1/2" | 45 | 141 | 70 | 60 | 30,25 | 115 | 32,0 |
| **HK HFR2S 100 050 0700** | 115 | 100 | 50 | 700 | 925 | 1/2" | 45 | 141 | 70 | 60 | 30,25 | 115 | 39,1 |

Ø A = virzuļa diametrs – Ø S = Virzuļkāta diametrs

## Piederumi

| | |
|---|---|
| **HK GKG 2S** | Blīvju komplekts HKGKG2S |