

Características

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|----------------------|--|
| Versión | con elementos de fijación |
| Presión de servicio | máx. 200 bar (según DIN EN 982) |
| Presión de prueba | máx. 240 bar (según DIN EN 982) |
| Rango de temperatura | Modelo estándar -15 °C hasta +80 °C |
| Medios | Fluido HLP |
| Material | Vástago del pistón: Acero 20MnV6 cromo 25 micron ± 5 Vástago del pistón: 120 horas de resistencia en la prueba NSS según ISO 3768 Guía del vástago del pistón: Acero 9SMn28 Racor de empalme de aceite: Acero 9SMn28 Tubo cilíndrico pulido: ST 52.3 DIN 2393-ISO H9 Base de cilindro: FE 510-A105 Tuerca: Acero 8UNI EN20898/2 Obturación TPM: NBR Pistón: Acero 9SMn28 Obturación OR: NBR Fluorosil Viton Obturación TSE-TTS-TTI/L: NBR + tejido / poliuretano Obturación GHM-GHK: NBR/ poliuretano |



Nota

A partir del tipo HK HFR2S 060 seguro de pistón mediante tornillo de seguridad

Velocidad de pistón relacionada con junta estándar: máx. 25m / min. - 0,42m / sec.

velocidad de pistón en las posiciones finales: máx. 6 m / min. - 0,10 m / sec.

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.

Descripción

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).

Tenga en cuenta en la elección, elaboración y uso del cilindro las pautas de la EN ISO 4413 - Requisitos técnicos de seguridad en instalaciones técnicas de fluidos y sus componentes así como determinaciones y requisitos de seguridad basadas en disposiciones vigentes.

Artículo

| Denominación | Ø D (mm) | Ø A (mm) | Ø S (mm) | Carrera (mm) | Z (mm) | Ø E (mm) | M (mm) | N (mm) | L (mm) | L1 (mm) | Ø F (mm) | G (mm) | Peso (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 |
| HK HFR2S 060 030 0300 | 70 | 60 | 30 | 300 | 500 | 3/8" | 36 | 133 | 45 | 40 | 25,25 | 70 | 8,3 |



Artículo

| Denominación | Ø D (mm) | Ø A (mm) | Ø S (mm) | Carrera (mm) | Z (mm) | Ø E (mm) | M (mm) | N (mm) | L (mm) | L1 (mm) | Ø F (mm) | G (mm) | Peso (kg) |
|-----------------------|-------------|-------------|-------------|-----------------|-----------|-------------|-----------|-----------|-----------|------------|-------------|-----------|--------------|
| 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 = diámetro del pistón - Ø S = diámetro del vástago del pistón

Accesorios

HK GKG 2S Juego de juntas HKGKG2S