

ENGINEERING
TOMORROW

Danfoss

Aeroquip® by Danfoss FC250H 100R5 Hose

FC250H enhanced 100R5 style hose designed to exceed expectations

A proven foundation for fuel, engine and general transportation systems



Setting the bar for hose performance

Our streamlined 100R5 hose portfolio allows OEMs to **redefine performance**

Leading OEMs see that the key to improving total cost of ownership (TCO) and return on investment (ROI) for their end users is all about performance. Small performance issues can quickly become a big problem. To keep up with rising productivity expectations and tighter budgets, end users need to know that each new machine they add to their fleet is up to the task—and built to last.

At Danfoss, we intimately understand the complex decision-making that goes into every system design. We've worked hand-in-hand with OEMs and distributors for decades to help them deliver stronger, innovative and more durable machines. And we get that system performance is only as good as the sum of its parts.

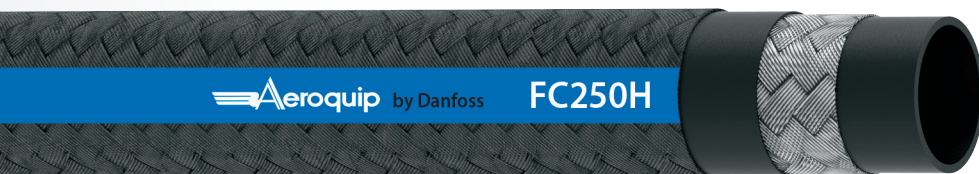
That's why we've developed a portfolio of hoses that meet and exceed SAE 100R5 performance levels—so OEMs can design machines that deliver proven, tested performance for each new machine they add to their fleet.



Introducing 100R5 performance

Built on the legacy of Danfoss' three-braid hose construction, our new two-braid Aeroquip by Danfoss FC250H hose is designed to exceed SAE 100R5 performance levels—while also delivering additional benefits such as increased flexibility, reduced bulk and weight and uses a universal flat crimp fitting for easy installation and assembly. Tested to 300k impulse cycles, Aeroquip FC250H hoses deliver higher performance levels and exceed the requirements of today's rugged work environments—all in a sleeker profile.

In addition, our consolidated 100R5 portfolio reduces inventory complexity and simplifies ongoing machine maintenance and repair — at a competitive price point. Together, these powerful features provide a proven foundation for fuel, engine and general transportation systems that work harder and last longer.



FC250H



Max operating pressure

210 bar (-4 size)



Max temperature

150°C (302°F)

New Aeroquip **FC250H** 100R5 hose

Exceeds SAE 100R5 performance levels

Aeroquip FC250H hose is specifically designed to exceed SAE 100R5 performance levels. These high standards help to protect the durability and productivity of high-pressure petroleum and water-based fuel, engine and general transportation systems for a variety of mission critical applications—such as construction, transportation and agriculture.

High performance cover and CPE inner tube

Aeroquip's FC250H innovative braided cover along with CPE inner tube combine to deliver superior temperature performance in extreme applications when working with high-temperature fluids such as oil and fuel.

Simplified flat crimp fitting

Unlike less versatile bubble crimps, our flat crimp design offers a smaller profile that greatly reduces installation complexity. Flat crimps also promote easier initial assembly and can save up to 70% over the cost of bubble crimp tooling.

Streamlined 100R5 portfolio

Unlock greater performance, without greater complexity. The streamlined 100R5 hose portfolio allows three hose constructions to replace six. This reduces inventory requirements for OEMs and distributors and simplifies ongoing machine maintenance and repair efforts all at a competitive price.

Rugged, intuitive layline design

Danfoss' new hose layline design takes the guesswork out of system assembly. Each layline is easy to read, including important information about the hose—such as the brand, part number, ID, key specifications, pressure, temp, qualified fitting and more -ensuring proper traceability and protecting quality no matter the job.

See page 4 for more information.



Refuse trucks



Construction



Agriculture



Mining



Oil & Gas

Durable two-braid construction

Compared to similar three-braid hoses, Aeroquip's FC250H sleek two-braid construction offers increased routing flexibility and smaller outer diameter that enables engineers to reimagine system design, without sacrificing performance.

How much better? Our two-braid hose has a 15% smaller outer diameter than R5 maximum OD and is 20% lighter than traditional three-braid hose decreasing the overall vehicle weight and delivering fuel consumption savings over the life of the machine. Additionally, the 20% weight reduction and higher performance levels you can expect from hoses tested to 300k impulse cycles delivers up to 59%+ less impact to the environment.

Setting the bar for hose performance



Flexibility at its core

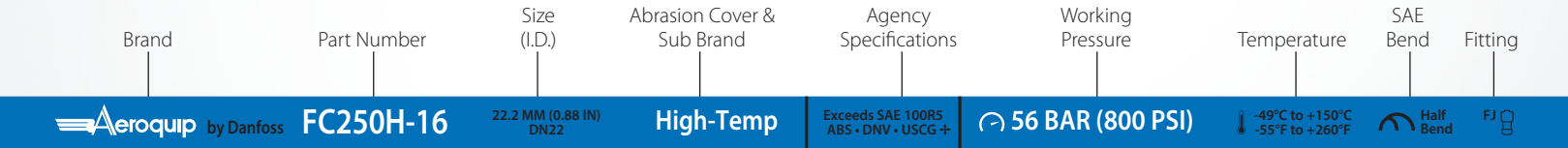
With half the bend radius of the 100R5 requirement, Aeroquip FC250H hose can perform reliably in extremely tight spaces. And the FC250H hose bend radius is 25% tighter than the leading competitor.



Critical information at a glance

Our laylines provide vital hose data instantly!

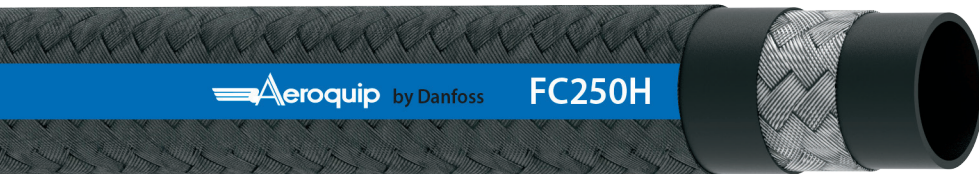
Danfoss' new intelligent laylines utilize a clean, bold, simplified look ensuring the right hose, with the right performance, is easy to identify every time.



FC250H

By the numbers

Dimensional & Performance



| Part Number | Hose I.D. | | | Hose O.D (nominal) | | Maximum Operating Pressure | | Min. Burst Pressure | | Min. Bend Radius | | Weight | |
|-------------|-----------|------|------|--------------------|------|----------------------------|-------|---------------------|--------|------------------|------|--------|--------|
| | DN | mm | in | mm | in | bar | psi | bar | psi | mm | in | kg/m | lbs/ft |
| FC250H-04 | 5 | 4.8 | 0.19 | 11.3 | 0.45 | 210 | 3,050 | 840 | 12,200 | 38 | 1.5 | 0.17 | 0.11 |
| FC250H-06 | 8 | 7.9 | 0.31 | 14.5 | 0.57 | 157 | 2,300 | 628 | 9,200 | 50 | 1.97 | 0.21 | 0.14 |
| FC250H-08 | 10 | 10.3 | 0.41 | 17.0 | 0.67 | 140 | 2,050 | 560 | 8,200 | 58 | 2.28 | 0.26 | 0.17 |
| FC250H-10 | 12 | 12.7 | 0.5 | 19.4 | 0.77 | 122 | 1,750 | 488 | 7,000 | 70 | 2.75 | 0.31 | 0.21 |
| FC250H-12 | 16 | 15.9 | 0.62 | 22.9 | 0.9 | 105 | 1,500 | 420 | 6,000 | 80 | 3.15 | 0.37 | 0.25 |
| FC250H-16 | 22 | 22.2 | 0.88 | 29.6 | 1.16 | 56 | 800 | 224 | 3,200 | 90 | 3.54 | 0.47 | 0.32 |

Temperature range

-49°C to +150°C
(-55°F to +302°F)
Air not to exceed
+121°C (+250°F)

Construction

Inner tube: High temperature CPE
Reinforcement: 1- high tensile wire braid
Cover: Black textile cover
Layline: Blue ink transfer

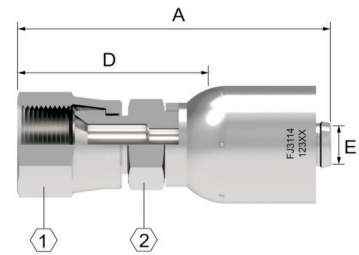
Certifications & compliances

- Exceeds SAE 100R5
- ABS
- DNV-GL
- USCG

FJ Fittings

FJ3114

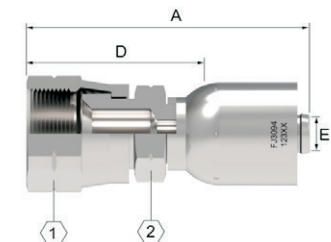
SAE 37° (JIC) Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|-------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex | |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm |
| FJ3114-0404S | -4 | 4,8 | 0.19 | 7/16-20 | 47,8 | 1.88 | 28,0 | 1.10 | 3,5 | 0.14 | 9/16 | 7/16 |
| FJ3114-0604S | -4 | 4,8 | 0.19 | 9/16-18 | 51,6 | 2.03 | 31,8 | 1.25 | 3,5 | 0.14 | 11/16 | 9/16 |
| FJ3114-0606S | -6 | 7,9 | 0.31 | 9/16-18 | 51,9 | 2.04 | 31,8 | 1.25 | 5,9 | 0.23 | 11/16 | 9/16 |
| FJ3114-0806S | -6 | 7,9 | 0.31 | 3/4-16 | 54,4 | 2.14 | 34,3 | 1.35 | 5,9 | 0.23 | 7/8 | 11/16 |
| FJ3114-0608S | -8 | 10,3 | 0.41 | 9/16-18 | 54,0 | 2.12 | 33,7 | 1.32 | 7,2 | 0.28 | 11/16 | 11/16 |
| FJ3114-0808S | -8 | 10,3 | 0.41 | 3/4-16 | 54,5 | 2.15 | 34,3 | 1.35 | 7,2 | 0.28 | 7/8 | 11/16 |
| FJ3114-1008S | -8 | 10,3 | 0.41 | 7/8-14 | 58,9 | 2.32 | 38,8 | 1.53 | 7,2 | 0.28 | 1 | 7/8 |
| FJ3114-0810S | -10 | 12,7 | 0.50 | 3/4-16 | 58,2 | 2.29 | 35,6 | 1.41 | 10,3 | 0.41 | 7/8 | 7/8 |
| FJ3114-1010S | -10 | 12,7 | 0.50 | 7/8-14 | 61,2 | 2.41 | 38,8 | 1.53 | 9,6 | 0.38 | 1 | 7/8 |
| FJ3114-1210S | -10 | 12,7 | 0.50 | 1-1/16-12 | 61,8 | 2.43 | 39,4 | 1.55 | 10,3 | 0.41 | 1-1/4 | 1 |
| FJ3114-1012S | -12 | 15,9 | 0.62 | 7/8-14 | 62,0 | 2.44 | 39,0 | 1.54 | 12,3 | 0.48 | 1 | 1 |
| FJ3114-1212S | -12 | 15,9 | 0.62 | 1-1/16-12 | 61,8 | 2.43 | 39,4 | 1.55 | 12,7 | 0.5 | 1-1/4 | 1 |
| FJ3114-1216S | -16 | 22,2 | 0.88 | 1-1/16-12 | 70,9 | 2.79 | 45,7 | 1.80 | 15,5 | 0.61 | 1-1/4 | 1-1/4 |
| FJ3114-1616S | -16 | 22,2 | 0.88 | 1-5/16-12 | 70,3 | 2.77 | 45,3 | 1.78 | 19,8 | 0.77 | 1-1/2 | 1-1/4 |

FJ3094

SAE 45° Female Swivel



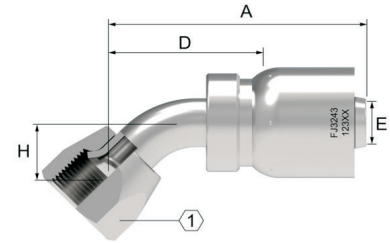
| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|-------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex | |
| | | DN | mm | | in | mm | in | mm | in | mm | in | ① |
| FJ3094-0404S | -4 | 4,8 | 0.19 | 7/16-20 | 47,8 | 1.88 | 28,0 | 1.10 | 3,5 | 0.14 | 9/16 | 7/16 |
| FJ3094-0606S | -6 | 7,9 | 0.31 | 5/8-16 | 52,7 | 2.07 | 32,6 | 1.28 | 5,9 | 0.23 | 3/4 | 9/16 |
| FJ3094-0806S | -6 | 7,9 | 0.31 | 3/4-16 | 54,4 | 2.14 | 34,3 | 1.35 | 5,9 | 0.23 | 7/8 | 11/16 |
| FJ3094-0808S | -8 | 10,3 | 0.41 | 3/4-16 | 54,5 | 2.15 | 34,3 | 1.35 | 7,2 | 0.28 | 7/8 | 11/16 |
| FJ3094-0810S | -10 | 12,7 | 0.50 | 3/4-16 | 58,3 | 2.30 | 35,8 | 1.41 | 9,6 | 0.38 | 7/8 | 7/8 |
| FJ3094-1010S | -10 | 12,7 | 0.50 | 7/8-14 | 61,2 | 2.41 | 38,8 | 1.53 | 10,3 | 0.41 | 1 | 11/16 |
| FJ3094-1012S | -12 | 15,9 | 0.62 | 7/8-14 | 68,3 | 2.69 | 36,3 | 1.43 | 12,7 | 0.50 | 1 | 1 |
| FJ3094-1212S | -12 | 15,9 | 0.62 | 1-1/16-14 | 61,8 | 2.43 | 39,4 | 1.55 | 12,1 | 0.52 | 1-1/4 | 1 |

FJ3243

Universal (SAE 37°, 45°) Female Swivel

FJ3249 SAE 37° (JIC) Female Swivel

FJ3246 SAE 45° Female Swivel



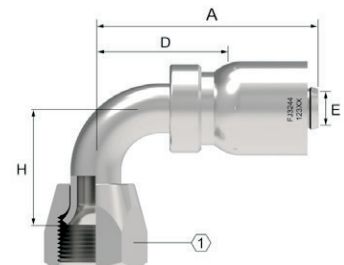
| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm | |
| FJ3243-0808S | -8 | 10,3 | 0.41 | 3/4-16 | 58,4 | 2.30 | 40,2 | 1.58 | 7,2 | 0.28 | 14,0 | 0.55 | 7/8 |
| FJ3243-0810S | -10 | 12,7 | 0.50 | 3/4-16 | 61,5 | 2.42 | 39,1 | 1.54 | 9,3 | 0.36 | 14,0 | 0.55 | 7/8 |
| FJ3243-1010S | -10 | 12,7 | 0.50 | 7/8-14 | 63,5 | 2.50 | 41,1 | 1.62 | 10,3 | 0.41 | 16,0 | 0.63 | 1 |
| FJ3243-1012S | -12 | 15,9 | 0.62 | 7/8-14 | 65,4 | 2.57 | 43,1 | 1.70 | 11,7 | 0.46 | 16,1 | 0.64 | 1 |
| FJ3249-0606S | -6 | 7,9 | 0.31 | 9/16-18 | 49,3 | 1.94 | 29,2 | 1.15 | 5,9 | 0.23 | 9,9 | 0.39 | 11/16 |
| FJ3249-0608S | -8 | 10,3 | 0.41 | 9/16-18 | 49,8 | 1.96 | 29,2 | 1.15 | 6,2 | 0.24 | 9,9 | 0.39 | 11/16 |
| FJ3249-1210S | -10 | 12,7 | 0.50 | 1-1/16-12 | 71,6 | 2.82 | 49,3 | 1.94 | 10,3 | 0.41 | 19,6 | 0.77 | 1-1/4 |
| FJ3249-1212S | -12 | 15,9 | 0.62 | 1-1/16-12 | 71,7 | 2.82 | 49,3 | 1.94 | 13,1 | 0.52 | 19,7 | 0.77 | 1-1/4 |
| FJ3249-1616S | -16 | 22,2 | 0.88 | 1-5/16-12 | 85,7 | 3.38 | 60,7 | 2.39 | 19,3 | 0.76 | 27,1 | 1.07 | 1-1/2 |
| FJ3246-0606S | -6 | 7,9 | 0.31 | 5/8-18 | 49,3 | 1.94 | 29,2 | 1.15 | 5,9 | 0.23 | 9,9 | 0.39 | 3/4 |
| FJ3246-1212S | -12 | 15,9 | 0.62 | 1-1/16-14 | 71,7 | 2.82 | 49,3 | 1.94 | 13,1 | 0.52 | 19,7 | 0.77 | 1-1/4 |

FJ3244

Universal (SAE 37°,45°) Female Swivel

FJ3250 SAE 37° (JIC) Female Swivel

FJ3247 SAE 45° Female Swivel



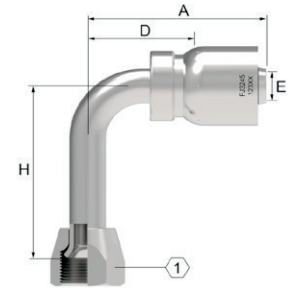
| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm | |
| FJ3244-0404S | -4 | 4,8 | 0.19 | 7/16-20 | 40,9 | 1.61 | 21,1 | 0.83 | 3,5 | 0.14 | 17,3 | 0.68 | 9/16 |
| FJ3244-0808S | -8 | 10,3 | 0.41 | 3/4-16 | 52,6 | 2.07 | 32,3 | 1.27 | 7,2 | 0.28 | 27,7 | 1.09 | 7/8 |
| FJ3244-0810S | -10 | 12,7 | 0.50 | 3/4-16 | 55,1 | 2.17 | 32,9 | 1.29 | 9,3 | 0.37 | 27,7 | 1.09 | 7/8 |
| FJ3244-1010S | -10 | 12,7 | 0.50 | 7/8-14 | 63,7 | 2.51 | 41,4 | 1.63 | 10,3 | 0.41 | 31,2 | 1.23 | 1 |
| FJ3244-1012S | -12 | 15,9 | 0.62 | 7/8-14 | 66,1 | 2.60 | 43,4 | 1.71 | 11,7 | 0.46 | 31,2 | 1.23 | 1 |
| FJ3250-0604S | -4 | 4,8 | 0.19 | 9/16-18 | 46,5 | 1.83 | 26,7 | 1.05 | 3,5 | 0.14 | 21,6 | 0.85 | 11/16 |
| FJ3250-0606S | -6 | 7,9 | 0.31 | 9/16-18 | 46,7 | 1.84 | 26,7 | 1.05 | 5,9 | 0.23 | 21,6 | 0.85 | 11/16 |
| FJ3250-0608S | -8 | 10,3 | 0.41 | 9/16-18 | 47,0 | 1.85 | 26,7 | 1.05 | 6,2 | 0.24 | 21,6 | 0.85 | 11/16 |
| FJ3250-1212S | -12 | 15,9 | 0.62 | 1-1/16-12 | 70,6 | 2.78 | 48,3 | 1.90 | 13,1 | 0.52 | 46,2 | 1.82 | 1-1/4 |
| FJ3250-1216S | -16 | 22,2 | 0.88 | 1-1/16-12 | 74,7 | 2.94 | 49,5 | 1.95 | 14,8 | 0.58 | 46,2 | 1.82 | 1-1/4 |
| FJ3250-1616S | -16 | 22,2 | 0.88 | 1-5/16-12 | 80,9 | 3.19 | 55,9 | 2.20 | 19,3 | 0.76 | 60,8 | 2.39 | 1-1/2 |
| FJ3247-0606S | -6 | 7,9 | 0.31 | 5/8-18 | 46,6 | 1.84 | 26,7 | 1.05 | 5,9 | 0.23 | 21,6 | 0.85 | 3/4 |
| FJ3247-1212S | -12 | 15,9 | 0.62 | 1-1/16-14 | 70,6 | 2.78 | 48,3 | 1.90 | 13,1 | 0.52 | 46,2 | 1.82 | 1-1/4 |

FJ3245

Universal (SAE 37°, 45°) Female Swivel

FJ3251 SAE 37° (JIC) Female Swivel

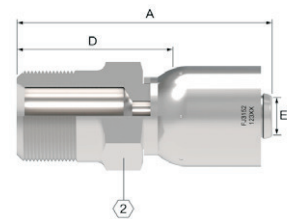
FJ3248 SAE 45° Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm | |
| FJ3245-0404S | -4 | 4,8 | 0.19 | 7/16-20 | 40,9 | 1.61 | 21,1 | 0.83 | 3,5 | 0.14 | 45,7 | 1.80 | 9/16 |
| FJ3245-0808S | -8 | 10,3 | 0.41 | 3/4-16 | 55,6 | 2.19 | 35,4 | 1.39 | 7,1 | 0.28 | 61,7 | 2.43 | 7/8 |
| FJ3245-0810S | -10 | 12,7 | 0.50 | 3/4-16 | 58,4 | 2.30 | 36,0 | 1.42 | 9,3 | 0.37 | 61,7 | 2.43 | 7/8 |
| FJ3245-1010S | -10 | 12,7 | 0.50 | 7/8-14 | 62,4 | 2.46 | 40,0 | 1.57 | 10,3 | 0.41 | 65,3 | 2.57 | 1 |
| FJ3251-0606S | -6 | 7,9 | 0.31 | 9/16-18 | 46,8 | 1.84 | 26,7 | 1.05 | 5,9 | 0.23 | 55,3 | 2.18 | 11/16 |
| FJ3251-1212S | -12 | 15,9 | 0.62 | 1-1/16-12 | 70,6 | 2.78 | 48,3 | 1.90 | 13,1 | 0.52 | 94,7 | 3.73 | 1-1/4 |
| FJ3251-1616S | -16 | 22,2 | 0.88 | 1-5/16-12 | 80,9 | 3.19 | 55,9 | 2.20 | 19,3 | 0.76 | 116,4 | 4.58 | 1-1/4 |
| FJ3248-0606S | -6 | 7,9 | 0.31 | 5/8-18 | 46,8 | 1.84 | 26,7 | 1.05 | 5,9 | 0.23 | 55,3 | 2.20 | 3/4 |
| FJ3248-1212S | -12 | 15,9 | 0.62 | 1-1/16-14 | 70,6 | 2.78 | 48,3 | 1.90 | 12,7 | 0.5 | 94,7 | 3.73 | 1-1/4 |

FJ3152

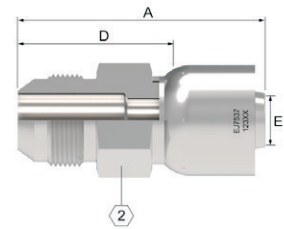
Male Pipe



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|--------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | |
| FJ3152-0204S | -4 | 4,8 | 0.19 | 1/8-27 | 45,3 | 1.78 | 25,5 | 1.00 | 3,5 | 0.14 | 9/16 |
| FJ3152-0404S | -4 | 4,8 | 0.19 | 1/4-18 | 46,9 | 1.85 | 27,0 | 1.06 | 3,5 | 0.14 | 9/16 |
| FJ3152-0406S | -6 | 7,9 | 0.31 | 1/4-18 | 47,1 | 1.85 | 27,0 | 1.06 | 5,9 | 0.23 | 9/16 |
| FJ3152-0606S | -6 | 7,9 | 0.31 | 3/8-18 | 47,1 | 1.85 | 27,0 | 1.00 | 5,9 | 0.23 | 11/16 |
| FJ3152-0608S | -8 | 10,3 | 0.41 | 3/8-18 | 51,8 | 2.04 | 24,9 | 0.98 | 7,9 | 0.31 | 3/4 |
| FJ3152-0808S | -8 | 10,3 | 0.41 | 1/2-14 | 54,6 | 2.15 | 34,4 | 1.35 | 7,2 | 0.28 | 7/8 |
| FJ3152-0810S | -10 | 12,7 | 0.50 | 1/2-14 | 56,9 | 2.24 | 34,5 | 1.36 | 10,3 | 0.41 | 7/8 |
| FJ3152-1210S | -10 | 12,7 | 0.50 | 3/4-14 | 62,7 | 2.47 | 35,1 | 1.38 | 9,9 | 0.39 | 1-1/16 |
| FJ3152-0812S | -12 | 15,9 | 0.62 | 1/2-14 | 63,9 | 2.52 | 32,0 | 1.26 | 13,1 | 0.52 | 1 |
| FJ3152-1212S | -12 | 15,9 | 0.62 | 3/4-14 | 56,9 | 2.24 | 34,5 | 1.36 | 13,1 | 0.52 | 1-1/8 |
| FJ3152-1216S | -16 | 22,2 | 0.88 | 3/4-14 | 59,9 | 2.36 | 34,8 | 1.37 | 19,8 | 0.78 | 1-1/4 |
| FJ3152-1616S | -16 | 22,2 | 0.88 | 1-11 1/2 | 66,3 | 2.61 | 41,3 | 1.63 | 19,8 | 0.78 | 1-3/8 |

EJ7537

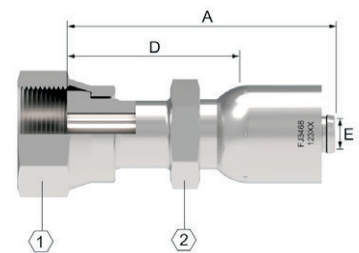
37° flare - Male Rigid



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|-------|----|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex | |
| | | DN | mm | | in | mm | in | mm | in | mm | | in |
| EJ7537-0606S | -6 | 7,9 | 0.31 | 9/16-18 | 50,8 | 2.00 | 30,8 | 1.21 | 5,9 | 0.23 | ② | |
| EJ7537-1212S | -12 | 15,9 | 0.62 | 1-1/16-12 | 66,0 | 2.60 | 43,7 | 1.72 | 12,7 | 0.50 | 1-1/8 | |
| EJ7537-1616S | -16 | 22,2 | 0.88 | 1-5/16-12 | 73,2 | 2.88 | 48,2 | 1.90 | 16,5 | 0.65 | 1-3/8 | |

FJ3468

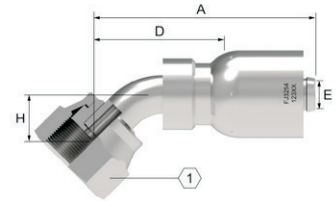
ORS Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|-------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex | |
| | | DN | mm | | in | mm | in | mm | in | mm | in | ① |
| FJ3468-0404S | -4 | 4,8 | 0.19 | 9/16-18 | 46,6 | 1.83 | 26,8 | 1.05 | 3,5 | 0.14 | 11/16 | 9/16 |
| FJ3468-0606S | -6 | 7,9 | 0.31 | 11/16-16 | 50,7 | 1.99 | 30,6 | 1.21 | 5,9 | 0.23 | 13/16 | 11/16 |
| FJ3468-0806S | -6 | 7,9 | 0.31 | 13/16-16 | 54,7 | 2.15 | 34,6 | 1.36 | 5,9 | 0.23 | 15/16 | 13/16 |
| FJ3468-0608S | -8 | 10,3 | 0.41 | 11/16-16 | 52,6 | 2.07 | 32,4 | 1.28 | 6,7 | 0.26 | 13/16 | 11/16 |
| FJ3468-0808S | -8 | 10,3 | 0.41 | 13/16-16 | 54,8 | 2.16 | 34,6 | 1.36 | 7,2 | 0.28 | 15/16 | 13/16 |
| FJ3468-0810S | -10 | 12,7 | 0.50 | 13/16-16 | 57,1 | 2.25 | 24,7 | 1.37 | 9,1 | 0.36 | 15/16 | 15/16 |
| FJ3468-1010S | -10 | 12,7 | 0.50 | 1-14 | 59,6 | 2.34 | 37,2 | 1.46 | 10,3 | 0.41 | 1-1/8 | 15/16 |
| FJ3468-1210S | -10 | 12,7 | 0.50 | 1-3/16-12 | 63,6 | 2.50 | 41,2 | 1.62 | 10,3 | 0.41 | 1-3/8 | 1-1/8 |
| EJ9061-1012S | -12 | 15,9 | 0.62 | 1-14 | 62,9 | 2.48 | 40,5 | 1.59 | 13,1 | 0.52 | 1-1/8 | 1 |
| FJ3468-1212S | -12 | 15,9 | 0.62 | 1-3/16-12 | 63,6 | 2.50 | 41,2 | 1.62 | 13,1 | 0.52 | 1-3/8 | 1-1/8 |
| FJ3468-1216S | -16 | 22,2 | 0.88 | 1-3/16-12 | 72,3 | 2.85 | 47,3 | 1.86 | 13,9 | 0.55 | 1-3/8 | 1-1/4 |
| FJ3468-1616S | -16 | 22,2 | 0.88 | 1-7/16-12 | 71,1 | 2.80 | 46,1 | 1.82 | 19,8 | 0.78 | 1-5/8 | 1-3/8 |

FJ3254

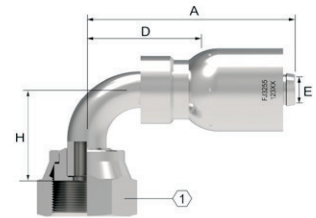
ORS Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm | |
| FJ3254-0404S | -4 | 4,8 | 0.19 | 9/16-18 | 46,6 | 1.83 | 26,8 | 1.05 | 3,5 | 0.14 | 11,2 | 0.44 | 11/16 |
| FJ3254-0606S | -6 | 7,9 | 0.31 | 11/16-16 | 50,4 | 1.99 | 30,4 | 1.20 | 5,9 | 0.23 | 11,1 | 0.44 | 13/16 |
| FJ3254-0608S | -8 | 10,3 | 0.41 | 11/16-16 | 51,2 | 2.02 | 31,0 | 1.22 | 7,2 | 0.28 | 11,4 | 0.45 | 13/16 |
| FJ3254-0808S | -8 | 10,3 | 0.41 | 13/16-16 | 59,4 | 2.34 | 39,3 | 1.55 | 7,2 | 0.28 | 15,1 | 0.6 | 15/16 |
| FJ3254-0810S | -10 | 12,7 | 0.50 | 13/16-16 | 62,2 | 2.45 | 39,9 | 1.57 | 9,3 | 0.36 | 15,0 | 0.59 | 15/16 |
| FJ3254-1010S | -10 | 12,7 | 0.50 | 1-14 | 67,3 | 2.65 | 45,1 | 1.77 | 10,3 | 0.41 | 17,6 | 0.69 | 1-1/8 |
| FJ3254-1210S | -10 | 12,7 | 0.50 | 1-3/16-12 | 74,0 | 2.91 | 51,6 | 2.03 | 10,3 | 0.41 | 21,6 | 0.85 | 1-3/8 |
| FJ3254-1012S | -12 | 15,9 | 0.62 | 1-14 | 69,4 | 2.73 | 47,0 | 1.85 | 13,1 | 0.52 | 17,6 | 0.69 | 1-1/8 |
| FJ3254-1212S | -12 | 15,9 | 0.62 | 1-3/16-12 | 73,2 | 2.88 | 50,8 | 2.00 | 13,1 | 0.52 | 21,1 | 0.83 | 1-3/8 |
| FJ3254-1612S | -12 | 15,9 | 0.62 | 1-7/16-12 | 78,8 | 3.10 | 56,4 | 2.22 | 13,1 | 0.52 | 24,1 | 0.95 | 1-5/8 |
| FJ3254-1616S | -16 | 22,2 | 0.88 | 1-7/16-12 | 82,7 | 3.25 | 57,7 | 2.27 | 19,3 | 0.73 | 24,1 | 0.95 | 1-5/8 |

FJ3255 / EJ9061

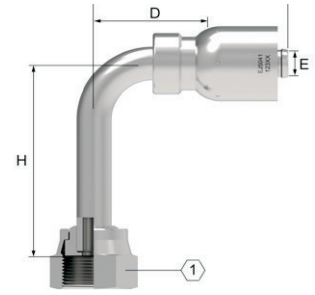
ORS Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | | |
| FJ3254-0404S | -4 | 4,8 | 0.19 | 9/16-18 | 40,9 | 1.61 | 21,1 | 0.83 | 3,5 | 0.14 | 21,4 | 0.84 | 11/16 |
| FJ3254-0406S | -6 | 7,9 | 0.31 | 9/16-18 | 43,6 | 1.72 | 23,6 | 0.93 | 5,9 | 0.23 | 21,4 | 0.84 | 11/16 |
| FJ3254-0606S | -6 | 7,9 | 0.31 | 11/16-16 | 46,7 | 1.84 | 26,7 | 1.05 | 5,9 | 0.23 | 23,1 | 0.91 | 13/16 |
| FJ3254-0806S | -6 | 7,9 | 0.31 | 13/16-16 | 52,3 | 2.06 | 32,3 | 1.27 | 5,9 | 0.23 | 29,2 | 1.15 | 15/16 |
| FJ3254-0608S | -8 | 10,3 | 0.41 | 11/16-16 | 47,2 | 1.86 | 27,2 | 1.07 | 6,1 | 0.24 | 23,5 | 0.93 | 13/16 |
| FJ3254-0808S | -8 | 10,3 | 0.41 | 13/16-16 | 52,6 | 2.07 | 32,3 | 1.27 | 7,2 | 0.28 | 29,2 | 1.15 | 15/16 |
| FJ3254-0810S | -10 | 12,7 | 0.50 | 13/16-16 | 55,4 | 2.18 | 33,1 | 1.30 | 9,3 | 0.37 | 29,7 | 1.17 | 15/16 |
| FJ3254-1010S | -10 | 12,7 | 0.50 | 1-14 | 58,4 | 2.30 | 36,0 | 1.42 | 10,3 | 0.41 | 33,3 | 1.31 | 1-1/8 |
| FJ3254-1210S | -10 | 12,7 | 0.50 | 1-3/16-12 | 71,0 | 2.80 | 48,6 | 1.91 | 10,3 | 0.41 | 48,9 | 1.93 | 1-3/8 |
| FJ3254-1212S | -12 | 15,9 | 0.62 | 1-3/16-12 | 76,3 | 3.00 | 53,9 | 2.12 | 13,1 | 0.52 | 47,8 | 1.88 | 1-3/8 |
| FJ3254-1612S | -12 | 15,9 | 0.62 | 1-7/16-12 | 77,3 | 3.04 | 54,9 | 2.16 | 12,7 | 0.5 | 54,6 | 2.15 | 1-5/8 |
| FJ3254-1616S | -16 | 22,2 | 0.88 | 1-7/16-12 | 81,0 | 3.19 | 55,9 | 2.20 | 19,3 | 0.76 | 56,4 | 2.22 | 1-5/8 |
| EJ9061-1012S | -12 | 15,9 | 0.62 | 1-14 | 60,3 | 2.37 | 37,9 | 1.49 | 11,7 | 0.46 | 33,3 | 1.31 | 1-1/8 |

EJ5041

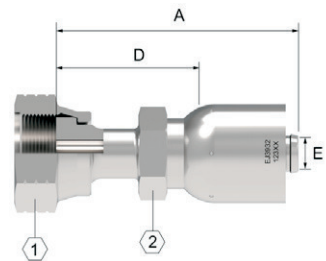
ORS Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|----------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Drop (H) | | Hex |
| | | DN | mm | | in | mm | in | mm | in | mm | in | mm | |
| EJ5041-0606S | -6 | 7,9 | 0.31 | 11/16-16 | 50,3 | 1.98 | 30,2 | 1.19 | 5,9 | 0.23 | 54,4 | 2.14 | 13/16 |
| EJ5041-1010S | -10 | 12,7 | 0.50 | 1-14 | 58,4 | 2.30 | 36,0 | 1.41 | 9,6 | 0.38 | 70,6 | 2.78 | 1-1/8 |
| EJ5041-1616S | -16 | 22,2 | 0.88 | 1-7/16-12 | 81,4 | 3.20 | 56,2 | 2.21 | 16,5 | 0.65 | 114,9 | 4.52 | 1-5/8 |

EJ3932

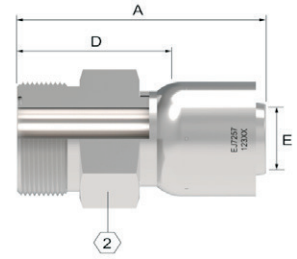
ORS Female Swivel



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|------|-------|---|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex | | |
| | | DN | mm | | in | mm | in | mm | in | mm | in | 1 | 2 |
| EJ3932-0606S | -6 | 7,9 | 0.31 | 11/16-16 | 50,8 | 2.00 | 30,7 | 1.21 | 5,9 | 0.23 | 22mm | 11/16 | |
| EJ3932-0808S | -8 | 10,3 | 0.41 | 13/16-16 | 54,8 | 2.16 | 34,6 | 1.36 | 7,2 | 0.28 | 24mm | 13/16 | |
| EJ3932-1010S | -10 | 12,7 | 0.50 | 1-14 | 59,6 | 2.35 | 37,2 | 1.46 | 9,6 | 0.38 | 30mm | 15/16 | |
| EJ3932-1212S | -12 | 15,9 | 0.62 | 1-3/16-16 | 63,6 | 2.50 | 41,2 | 1.62 | 12,7 | 0.50 | 36mm | 1-1/8 | |

EJ7257

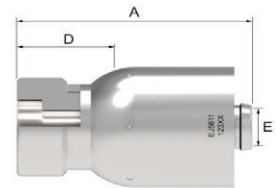
ORS Male



| Catalog Number | Hose information | | | Dimensional Information | | | | | | | |
|----------------|------------------|-----------|------|-------------------------|------------|------|--------------------|------|-------------|------|-------|
| | Hose Size | Hose I.D. | | Thread size | Length (A) | | Cut-off factor (D) | | Hole ID (E) | | Hex |
| | DN | mm | in | | mm | in | mm | in | mm | in | ② |
| EJ7257-1616S | -16 | 22,2 | 0.88 | 1-7/16-12 | 66,8 | 2.63 | 41,8 | 1.64 | 19,8 | 0.78 | 1-1/2 |

EJ5611

LifeSaver Braze Nipple & Socket



| Catalog Number | Hose information | | | Tube Information | | Dimensional Information | | | | | |
|----------------|------------------|-----------|------|------------------|------|-------------------------|------|--------------------|------|-------------|------|
| | Hose Size | Hose I.D. | | Tube O.D. | | Length (A) | | Cut-off factor (D) | | Hole ID (E) | |
| | DN | mm | in | mm | in | mm | in | mm | in | mm | in |
| EJ5611-0606S | -6 | 7,9 | 0.31 | 9,6 | 0.38 | 34,1 | 1.34 | 14,0 | 0.55 | 5,9 | 0.23 |
| EJ5611-0608S | -8 | 10,3 | 0.41 | 9,6 | 0.38 | 34,2 | 1.35 | 14,0 | 0.55 | 7,2 | 0.28 |
| EJ5611-0808S | -8 | 10,3 | 0.41 | 12,8 | 0.50 | 34,2 | 1.35 | 14,0 | 0.55 | 7,2 | 0.28 |
| EJ5611-0810S | -10 | 12,7 | 0.50 | 12,8 | 0.50 | 37,0 | 1.46 | 14,6 | 0.57 | 9,6 | 0.38 |
| EJ5611-1010S | -10 | 12,7 | 0.50 | 16,0 | 0.63 | 37,0 | 1.46 | 14,6 | 0.57 | 9,6 | 0.38 |
| EJ5611-1212S | -12 | 15,9 | 0.62 | 19,1 | 0.75 | 38,9 | 1.53 | 16,5 | 0.65 | 12,7 | 0.50 |
| EJ5611-1616S | -16 | 22,2 | 0.88 | 25,5 | 1.00 | 42,8 | 1.69 | 17,8 | 0.70 | 16,5 | 0.65 |

Ready to design machines with performance at their core? We can help.

Proven system performance starts with proven parts.

Our experienced team of development engineers will work alongside your team to design hydraulic systems that exceed expectations. To get started, contact one of our experts today.

Visit **Danfoss.com** or contact your Danfoss sales representative.

Danfoss
Power Solutions (US) Company
2800 East 13th Street
Ames, IA 50010, USA
Phone: +1 515 239 6000

Danfoss
Power Solutions GmbH & Co. OHG
Krokamp 35
D-24539 Neumünster, Germany
Phone: +49 4321 871 0

Danfoss
Power Solutions ApS
Nordborgvej 81
DK-6430 Nordborg, Denmark
Phone: +45 7488 2222

Danfoss
Power Solutions Trading
(Shanghai) Co. Ltd.
Building #22, No. 1000 Jin Hai Rd
Jin Qiao, Pudong New District
Shanghai, China 201206
Phone: +86 21 3418 5200

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.
