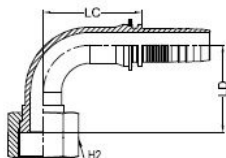


**ORFS FEMALE SWIVEL - 90°**

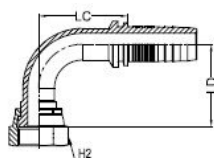
**SAE J516 / ISO 12151-1**

HF2P-MT - ORFS FS 90

**11031902**



**11031901**



| ITEM CODE       | HOSE ID |       |        | TERMINATION |           |               | DIMENSIONS |         |       |         |       |       |
|-----------------|---------|-------|--------|-------------|-----------|---------------|------------|---------|-------|---------|-------|-------|
|                 | dash    | dn    | inch   | dash        | tube inch | thread        | lc mm      | lc inch | ld mm | ld inch | h1 mm | h2 mm |
| 11031902-040400 | -04     | DN 06 | 1/4"   | -04         | 1/4"      | 9/16" X 18    | 32.1       | 1.26    | 26.5  | 1.04    | -     | 17    |
| 11031902-040600 | -04     | DN 06 | 1/4"   | -06         | 3/8"      | 11/16" X 16   | 32.1       | 1.26    | 29    | 1.14    | -     | 22    |
| 11031902-050600 | -05     | DN 08 | 5/16"  | -06         | 3/8"      | 11/16" X 16   | 33.3       | 1.31    | 30    | 1.18    | -     | 22    |
| 11031902-060600 | -06     | DN 10 | 3/8"   | -06         | 3/8"      | 11/16" X 16   | 33.1       | 1.3     | 30    | 1.18    | -     | 22    |
| 11031902-060800 | -06     | DN 10 | 3/8"   | -08         | 1/2"      | 13/16" X 16   | 33.1       | 1.3     | 30    | 1.18    | -     | 24    |
| 11031901-080800 | -08     | DN 12 | 1/2"   | -08         | 1/2"      | 13/16" X 16   | 36.5       | 1.44    | 36    | 1.42    | -     | 24    |
| 11031902-081000 | -08     | DN 12 | 1/2"   | -10         | 5/8"      | 1" X 14       | 38.5       | 1.52    | 39    | 1.54    | -     | 30    |
| 11031902-101000 | -10     | DN 16 | 5/8"   | -10         | 5/8"      | 1" X 14       | 51.1       | 2.01    | 47    | 1.85    | -     | 30    |
| 11031902-101200 | -10     | DN 16 | 5/8"   | -12         | 3/4"      | 1.3/16" X 12  | 57.1       | 2.25    | 50.5  | 1.99    | -     | 36    |
| 11031902-121200 | -12     | DN 19 | 3/4"   | -12         | 3/4"      | 1.3/16" X 12  | 57.1       | 2.25    | 50.5  | 1.99    | -     | 36    |
| 11031902-121600 | -12     | DN 19 | 3/4"   | -16         | 1"        | 1.7/16" X 12  | 71.5       | 2.81    | 64    | 2.52    | -     | 41    |
| 11031902-161600 | -16     | DN 25 | 1"     | -16         | 1"        | 1.7/16" X 12  | 71.5       | 2.81    | 64    | 2.52    | -     | 41    |
| 11031902-162000 | -16     | DN 25 | 1"     | -20         | 1.1/4"    | 1.11/16" X 12 | 71.5       | 2.81    | 64    | 2.52    | -     | 50    |
| 11031902-202000 | -20     | DN 32 | 1.1/4" | -20         | 1.1/4"    | 1.11/16" X 12 | 85.9       | 3.38    | 76    | 2.99    | -     | 50    |
| 11031902-202400 | -20     | DN 32 | 1.1/4" | -24         | 1.1/2"    | 2" X 12       | 85.9       | 3.38    | 76    | 2.99    | -     | 60    |
| 11031902-242400 | -24     | DN 38 | 1.1/2" | -24         | 1.1/2"    | 2" X 12       | 100.8      | 3.97    | 86    | 3.39    | -     | 60    |