Full Flange System

Provides full flange mounting option for ISO 6162-1 (35.0 MPa/5000 psi) and ISO 6162-2 (42.0 MPa/ 6000 psi) flanges – system flexibility reduces inventory investment.



Once the hose fitting is crimped to the hose, the flange is placed over the fitting end and then is held in place with the retaining ring. When the flange engages the retaining ring, the flange is held securely and is ready to be bolted to the port. Installation to the port is easy – there is no fumbling with the flange halves, and the flange can be rotated for ease of assembly to the port. The full flange system can be used repeatedly because of its patent-pending attachment system – the flange is not permanently locked onto the fitting.

Flange System

ISO 6162-1 (35.0 MPa/ 5000 psi)*

SAE Flange Size	max. dynamic working pressure		Flange	Seal	Retaining Ring
Inch	MPa	psi	Part Number	Part Number	Part Number
3/4	35.0	5000	R-312-CFX	020119N0552	R12X
1	35.0	5000	R-316-CFX	020122N0552	R16X
1 1/4	35.0	5000	R-320-CFX	020126N0552	R20X
1 1/2	35.0	5000	R-324-CFX	020132N0552	R24X
2	35.0	5000	R-332-CFX	020139N0552	R32X
2 1/2	35.0	5000	R-340-CFX	020231N0552	R40X
3	21.0	3000	R-348-CFX	020235N0552	R48X

Flange System

ISO 6162-2 (42.0 MPa/ 6000 psi)*

SAE Flange Size	max. dynamic working pressure		Flange	Seal	Retaining Ring
Inch	MPa	psi	Part Number	Part Number	Part Number
3/4	42.0	6000	R-612-CFX	020119N0552	R12X
1	42.0	6000	R-616-CFX	020122N0552	R16X
1 1/4	42.0	6000	R-620-CFX	020126N0552	R20X
1 1/2	42.0	6000	R-624-CFX	020132N0552	R24X
2	42.0	6000	R-632-CFX	020139N0552	R32X
2 1/2	35.0	5000	R-640-CFX	020231N0552	R40X
3	21.0	3000	R-648-CFX	020235N0552	R48X

* 2 1/2 inch max. 35.0 MPa/ 5000 psi
3 inch max. 21.0 MPa/ 3000 psi

The stainless steel retaining rings and O-rings are recommended for one-time use.

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark