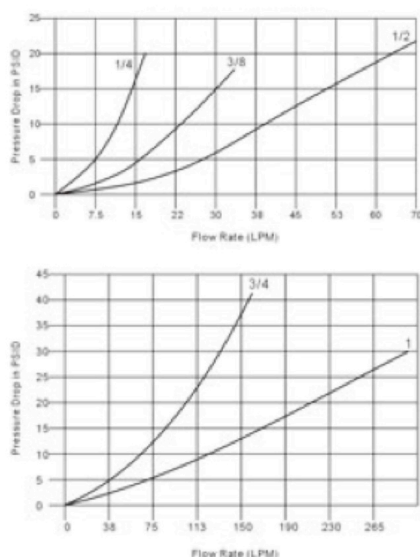


Part Code	Size	Body Size	Ls	øD	Hs	Thread
HPSFF04CS	4	1/4"	48	28	S22	1/4" BSPP
HPSFF06CS	6	3/8"	64.5	32	S27	3/8" BSPP
HPSFF-0608CS	6	3/8"	69.5	32	S27	1/2" BSPP
HPSFF08CS	8	1/2"	73.5	38	S32	1/2" BSPP
HPSFF12CS	8	1/2"	80.5	38	S36	3/4" BSPP
HPSFF-1212CS	12	3/4"	93	48	S41	3/4" BSPP
HPSFF16CS	12	3/4"	93	48	S41	1" BSPP
HPSFF-1616CS	16	1"	93.5	56.5	S46	1" BSPP
HPSFF-2016CS	16	1"	93.5	56.5	S50	1.1/4" BSPP

Applications

Flat face couplers are specifically designed for applications needing no-leak performance. 96 series offers higher pressure ratings, superior flow ratings, lower pressure drop compared to 95 series. 12 to 20 balls to increase the male bearing points & decrease the brinelling effect. The mating faces are easily cleaned before connecting, making it the ideal solution for limiting contamination in a hydraulic circuit. The design allows applications involving high pressure impulses in agriculture equipment, mobile construction equipment and general industrial plants. Non-spill design avoids fluid loss in connection and disconnection.

Performance



Temperature Range

-20°C+120°C/-4°F+250°F

With standard seals: Buna-N(Nitrile)

-20°C+175°C/-4°F+347°F

With standard seals: Viton

On request seals: Viton, Neoprene, EPDM or other seals.

Connected Max. Working Pressure

1/4" :420BAR(6090PSI)

3/8" :350BAR(5075PSI)

1/2" :330BAR(4785PSI)

5/8" :330BAR(4785PSI)

3/4" :330BAR(4785PSI)

1" :300BAR(4350PSI)

Coupled, Max. Working Pressure

1/4" :420BAR(6090PSI)

3/8" :350BAR(5075PSI)

1/2" :330BAR(4785PSI)

5/8" :330BAR(4785PSI)

3/4" :330BAR(4785PSI)

1" :300BAR(4350PSI)

Material

Coupler Body :STEEL, TRIVALENT PLATED

Springs :C98

Balls :GCr15

Seals :Buna-N(Nitrile)

Back-Up Ring :PTFE

Surface treatment :QPQ finish, the Zinc plating and Cr 3⁺ Passivation
or Yellow Passivation

Attention

Only coupler and nipple with the same thread fit together. Threads: BSP, NPT, SAE, ORFS, JIC.