

6000 Series

Pneumatic application

Danfoss Hansen 3000/4000/5000/6000 Series Industrial Interchange pin lock pneumatic quick disconnect couplings are designed for compressed air, gases, and liquids. This series sets the industry standard for pin lock style pneumatic couplings.



Product Features

- Easy, automatic, push-to-connect design provides instantaneous connection and disconnection of lines, plus automatic shut-off of socket/female end of line
- All sizes accept US industrial Interchange; 1/4" & 1/2" also accept ISO 6150 Series B and A-A-59439 plugs/males
- Optional sleeve lock option prevents accidental disconnection
- Standard body material: Brass
- Standard seal material: Buna-N
- Optional seal and valve materials: Silicone-138, FKM-143, EPDM-192

Physical Characteristics

Series	Body Size (in)	Max. Operating Pressure		Min. Burst Pressure		Rated Flow	
		(bar)	(psi)	(bar)	(psi)	(lpm)	scfm
3000	1/4	138	2,000	552	8,000	680	24
4000	3/8	69	1,000	276	4,000	1,274	45
5000	1/2	35	500	140	2,000	2,040	72
6000	3/4	15	220	60	880	3,540	125

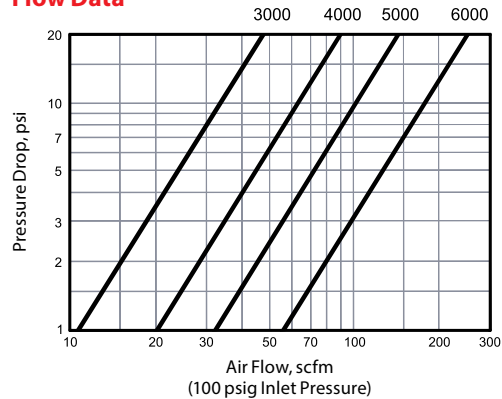
Applications & Markets

- Industrial Breathing Air
- General Pneumatics
- Maintenance & Repair
- Fluid Transfer

Interchangeability

All Sizes	1/4" & 1/2"
US Industrial Interchange	ISO 6150 Series B A-A-59439 (former MIL-C-4109)

Flow Data



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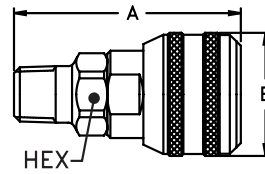


Figure 1

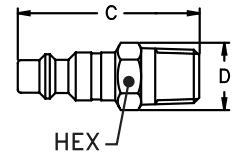


Figure 2

Male End Connections

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			Hex	A (mm)	B (mm)	Hex (mm)
								A (in)	B (in)	Hex (in)				
6300	Socket/Female	3/4	1/2	1/2-14	NPTF	Brass	1	2.94	1.90	1.31	74.68	48.26	33.27	
6500	Socket/Female	3/4	3/4	3/4-14	NPTF	Brass	1	2.94	1.90	1.31	74.68	48.26	33.27	
6700E	Socket/Female	3/4	1	1-11 1/2	NPTF	Brass	1	3.13	1.90	1.31	79.50	48.26	33.27	

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			Hex	C (mm)	D (mm)	Hex (mm)
								C (in)	D (in)	Hex (in)				
64A	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	2	2.31	1.15	1.00	58.67	29.21	25.40	
64GA†	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	2	3.26	1.12	1.00	82.80	28.45	25.40	
66AE	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	2	2.38	1.23	1.06	60.45	31.24	26.92	
66GA†	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	2	3.26	1.19	1.06	82.80	30.23	26.92	
68A	Plug/Male	3/4	1	1-11 1/2	NPTF	Steel	2	2.56	1.51	1.31	65.02	38.35	33.27	
B64A	Plug/Male	3/4	1/2	1/2-14	NPTF	Brass	2	2.31	1.12	1.00	58.67	28.45	25.40	
B66A	Plug/Male	3/4	3/4	3/4-14	NPTF	Brass	2	2.38	1.18	1.06	60.45	30.07	26.92	

†With Bleeder Ball Check—Reduces Hose Whip

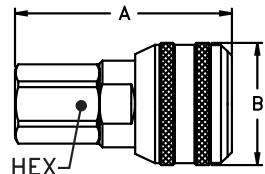


Figure 3

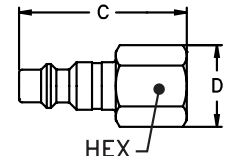


Figure 4

Female End Connections

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			Hex	A (mm)	B (mm)	Hex (mm)
								A (in)	B (in)	Hex (in)				
6200E	Socket/Female	3/4	1/2	1/2-14	NPTF	Brass	3	2.85	1.90	1.31	72.39	48.26	33.27	
6400E	Socket/Female	3/4	3/4	3/4-14	NPTF	Brass	3	3.00	1.90	1.31	76.20	48.26	33.27	
6600E	Socket/Female	3/4	1	1-11 1/2	NPTF	Brass	3	3.19	1.90	1.56	81.03	48.26	39.62	

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			Hex	C (mm)	D (mm)	Hex (mm)
								C (in)	D (in)	Hex (in)				
65A	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	4	2.22	1.15	1.00	56.39	29.21	25.40	
65GAS†	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	4	3.35	1.12	1.00	85.09	28.45	25.40	
67A	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	4	2.22	1.33	1.19	56.39	33.78	30.23	
67GAS†	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	4	3.38	1.33	1.19	85.85	33.78	30.23	
69A	Plug/Male	3/4	1	1-11 1/2	NPTF	Steel	4	2.41	1.80	1.56	61.21	45.72	39.62	

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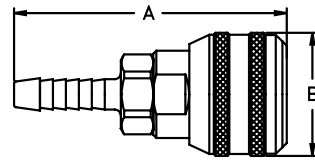


Figure 5

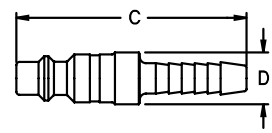


Figure 6

Hose Stem End Connections

Part Number	Coupling Type	Body Size	Hose I.D.	Material	Fig.	Dimensions		A (mm)	B (mm)
						A (in)	B (in)		
6800E	Socket/Female	3/4	1/2	Brass	5	3.21	1.88	81.53	47.75
6900	Socket/Female	3/4	3/4	Brass	5	4.06	1.88	103.12	47.75
7000E	Socket/Female	3/4	1	Brass	5	4.07	1.88	103.38	47.75

Part Number	Coupling Type	Body Size	Hose I.D.	Material	Fig.	Dimensions		C (mm)	D (mm)
						C (in)	D (in)		
70A	Plug/Male	3/4	1/2	Steel	6	2.53	0.94	64.26	23.88
70GA†	Plug/Male	3/4	1/2	Steel	6	3.53	1.12	89.66	28.45
71A	Plug/Male	3/4	3/4	Steel	6	3.44	1.06	87.38	26.92
71GA†	Plug/Male	3/4	3/4	Steel	6	4.38	1.12	111.25	28.45
72A	Plug/Male	3/4	1	Steel	6	3.44	1.31	87.38	33.27
B71A	Plug/Male	3/4	3/4	Steel	6	3.44	1.06	87.38	26.92

†With Bleeder Ball Check—Reduces Hose Whip

Dust Caps and Dust Plugs

Series	Dust Cap		Dust Plug	
	Metal	Vinyl	Metal	Vinyl
3000	XPDC3000*	—	SDC3000*	XPSDC1HK
4000	—	—	—	XPSDC2HK
5000	—	XPPDC2HK	—	—
6000	—	XPPDC3HK	—	—

*Brass

