

ENGINEERING
TOMORROW

Danfoss

Engineered to keep you cool

Fluid Conveyance **thermal management** products



Unleash Precision Performance:

Revolutionize thermal management
with our innovative fluid conveyance solutions

Introducing the next frontier in thermal management: hose and coupling products engineered to optimize temperature control across diverse applications.

Our innovative line of thermal management hoses and couplings is designed to tackle the most demanding environments, ensuring peak performance and reliability in a wide range of industries.

At the heart of our technology is a commitment to precision engineering and advanced materials. Our hoses are crafted with cutting-edge thermal insulation properties, effectively managing heat transfer to maintain optimal temperatures within critical systems. Coupled with our advanced thermal management couplings, these systems provide seamless integration, ensuring leak-free, efficient connections that enhance system reliability. Whether it's dissipating excess heat or preserving thermal integrity in extreme conditions, our hoses and couplings deliver unparalleled efficiency and durability.

Versatility and Customization

In today's fast-paced markets, adaptability is key. Our thermal management hoses and couplings are built to provide customizable configurations, accommodating a wide range of sizes, materials, and specifications. This flexibility empowers businesses to design tailored solutions that meet their unique requirements while maintaining superior performance and compatibility.

Reliability and Peace of Mind

Our couplings are engineered to provide a secure, robust connection that minimizes wear and tear and reduces the risk of leaks. Combined with our high-quality hoses, this ensures long-lasting performance, reduced maintenance, and minimized downtime. Our commitment to quality means you can trust our thermal management solutions to withstand the rigors of daily operation while meeting the highest industry standards.

Experience the Future of Thermal Management

Discover the perfect synergy of innovation and reliability with our cutting-edge hoses and couplings. Experience why leading industries trust us to keep their systems running smoothly, no matter the heat. Let us help you confidently navigate the challenges of temperature regulation with solutions designed for the most demanding

Thermal Management Product Categories

Auto



Data Center



EV Charging



Industrial



Railway



Truck



Water



Wind

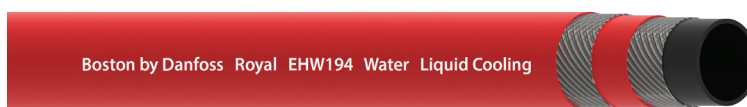


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EHW194

Meets or exceeds: UL 94 V-0 rated



Typical application:

- Suitable for use in data centers liquid cooling systems

Hose construction:	Inner tube: EPDM -P	Reinforcement: 2-ply textile	Cover: Synthetic EPDM rubber
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Operating temperature: -40°C to +140°C (-40°F to +284°F)

Hose colors: Blue (BU), Black (BK), & Red (RD)

Order in package quantities of 250' (76.2m)

PART	SIZE DIMENSIONS				PRESSURE								BEND		WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure				Min. Burst Pressure				Minimum Bend Radius		Weight		Length	
					without clamp	with clamp	without clamp	with clamp	without clamp	with clamp	without clamp	with clamp						
	mm	in	mm	in	bar	psi	bar	psi	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EHW194-04BKRL	6.4	0.25	15.0	0.59	11	73	16	232	15	218	48	696	50	2.0	0.21	0.14	76.2	250
EHW194-06BKRL	9.5	0.37	18.5	0.73	11	73	16	232	15	218	48	696	65	2.5	0.28	0.19	76.2	250
EHW194-08BKRL	12.7	0.50	22.0	0.87	11	73	16	232	15	218	48	696	75	3.0	0.36	0.24	76.2	250
EHW194-10BKRL	15.9	0.63	25.2	0.99	11	73	16	232	15	218	48	696	100	4.0	0.43	0.29	76.2	250
EHW194-12BKRL	19.0	0.75	29.7	1.17	11	73	16	232	15	218	48	696	125	5.0	0.56	0.38	76.2	250
EHW194-16BKRL	25.4	1.00	36.5	1.44	11	73	16	232	15	218	48	696	150	6.0	0.75	0.50	76.2	250
EHW194 Thin-wall (TW) provides a smaller diameter for improved flexibility and lower bending force																		
EHW194TW-04BKRL	6.4	0.25	13.0	0.51	11	73	15	218	16	232	48	696	25	1.0	0.21	0.14	76.2	250
EHW194TW-06BKRL	9.5	0.37	16.0	0.63	11	73	16	218	16	232	48	696	35	1.4	0.28	0.19	76.2	250

Type of coupling

- Danfoss 1G crimp fittings
- Danfoss 100B socketless fittings
- Danfoss quick disconnects

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHW094

Meets or exceeds: UL 94 V-0 rated



Typical application:

- Liquid cooling non-conductive

Hose construction:	Inner tube: TPU	Reinforcement: Polyester braid	Cover: Fire retardant TPU
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Operating temperature: -30°C to +100°C (-22°F to +212°F)

Hose color(s): Blue (BU), Black (BK) & Red (RD)

Order in package quantities of 250' (76.2m)

PART		SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#		Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
		mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	kg.m	lbs./ft
EHW094-04		6.4	0.25	12.7	0.50	14	203	55.1	800	38.1	1.50	0.10	0.068
EHW094-06		9.5	0.38	16.1	0.63	14	203	55.1	800	50.8	2.00	0.14	0.095
EHW094-08		12.7	0.50	17.6	0.79	14	203	55.1	800	63.5	2.50	0.20	0.136
EHW094-10		16.1	0.63	23.4	0.92	10	150	41.3	600	76.2	3.00	0.25	0.168
EHW094-12		19.1	0.75	26.7	1.05	10	150	41.3	600	100.0	4.00	0.31	0.207
EHW094-16		25.4	1.00	33.8	1.33	10	150	41.3	600	150.0	6.00	0.40	0.267

Type of coupling

- Danfoss 1G crimp fittings
- Danfoss 100B socketless fittings
- Danfoss quick disconnects

Contact coupling manufacturer for attachment procedure and other coupling recommendations

H201

Meets or exceeds:

RMA Class A tube
MSHA IC - 46/6 Black, MSHA IC - 84/62 Blue,
MSHA IC - 84/47 Red, MSHA IC - 84/48 Green,
MSHA IC - 84/64 Gray, MSHA IC - 84/63 Yellow

Typical application:

- Air and water transfer
- Pneumatic tools
- Air tools

Boston by Danfoss Easy Couple H201 Air & Multipurpose Low Pressure



Hose construction:	Inner tube:	Reinforcement:	Cover:
	Synthetic rubber (RMA Class A)	1-braid fiber	Synthetic rubber
Operating temperature:	Air & Water: -40°C to +100°C (-40°F to +212°F) Oil: -40°C to +127°C (-40°F to +260°F)		
Hose color(s):	Black (BK), Blue (BU), Red (RD), Green (GR), Gray (GY), & Yello (YW)		

PART	SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H20104BK-250R	6.4	0.25	12.7	0.50	20.7	300	83.0	1200	0.13	0.09	76.2	250
H20106BK-250R	9.5	0.38	17.0	0.67	20.7	300	83.0	1200	0.19	0.13	76.2	250
H20108BK-250R	12.7	0.50	19.6	0.77	20.7	300	83.0	1200	0.22	0.15	76.2	250
H20110BK-250R	15.9	0.62	23.6	0.93	20.7	300	83.0	1200	0.34	0.23	76.2	250
H20112BK-250R	19.0	0.75	26.3	1.04	20.7	300	83.0	1200	0.39	0.26	76.2	250
H20116BK-250R	25.4	1.00	35.0	1.38	13.8	200	55.0	800	0.57	0.38	76.2	250

Type of couplings

- Aeroquip® socketless
- Push-on couplings
- Danfoss "B" series
- Danfoss Quick Disconnect

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHW021

Meets or exceeds:

ISO 1307 | DIN 73411

Boston by Danfoss Radiator Car Heater EHW021



Typical application:

For delivery of hot water with very light chemical content in industrial applications

Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature:	-40°C to +120°C (-40°F to +248°F)		
Color hose(s):	Black		

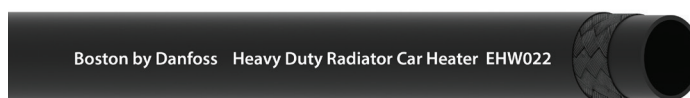
PART	SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHW021-04	6.4	0.25	12	0.47	5.0	73	15.0	218	0.12	0.08	30.5	100
EHW021-05	8.0	0.31	14	0.55	5.0	73	15.0	218	0.14	0.09	91.4	300
EHW021-06	9.5	0.38	16	0.63	5.0	73	15.0	218	0.17	0.11	91.4	300
EHW021-08	12.7	0.50	20	0.79	5.0	73	15.0	218	0.26	0.17	91.4	300
EHW021-10	16.0	0.62	23	0.91	5.0	73	15.0	218	0.29	0.19	91.4	300
EHW021-12	19.0	0.75	27	1.06	5.0	73	15.0	218	0.39	0.26	91.4	300
EHW021-16	25.4	1.00	35	1.38	5.0	73	15.0	218	0.64	0.43	91.4	300

Type of couplings

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHW022

Meets or exceeds:
ISO 1307 | DIN 73411



Typical application:

For delivery of hot water with very light chemical content in industrial applications

Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature:	-40°C to +125°C (-40°F to +257°F)		
Hose color(s):	Black		

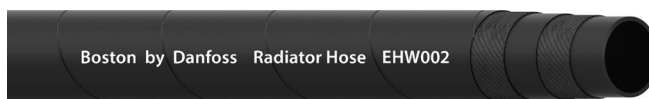
PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	kg.m	lbs./ft	mtr	ft
EHW022-06	9.5	0.38	17	0.67	10.0	145	30	435	80	3.15	0.18	0.12	91.4	300
EHW022-08	12.7	0.50	20	0.79	10.0	145	30	435	105	4.13	0.22	0.14	91.4	300
EHW022-10	16.0	0.62	23	0.91	10.0	145	30	435	160	6.30	0.25	0.17	91.4	300
EHW022-12	19.0	0.75	28	1.10	10.0	145	30	435	190	7.48	0.39	0.26	91.4	300
EHW022-16	25.4	1.00	34	1.34	10.0	145	30	435	250	9.84	0.49	0.33	91.4	300

Type of couplings

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHW002

Meets or exceeds:
ISO 1307 | DIN 73411



Typical application:

Conveying hot water mixed with anti-freeze liquids in cooling systems, automotive and stationary engines

Hose construction:	Inner tube: EPDM rubber, heat and antifreeze liquid resistant	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber, heat and weather resistant
Operating temperature:	-40°C to +125°C (-40°F to +257°F)		
Hose color(s):	Black		

PART	SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHW002-08	12.7	0.50	19.0	0.75	4.0	58	12.0	174	0.21	0.14	100	100
EHW002-10	16.0	0.63	22.0	0.87	4.0	58	12.0	174	0.26	0.17	100	100
EHW002-M18	18.0	0.71	24.0	0.95	4.0	58	12.0	174	0.29	0.19	100	100
EHW002-12	19.0	0.75	25.0	0.98	4.0	58	12.0	174	0.30	0.20	100	100
EHW002-M20	20.0	0.79	26.0	1.02	4.0	58	12.0	174	0.32	0.21	100	100
EHW002-14	22.0	0.88	28.0	1.10	4.0	58	12.0	174	0.34	0.23	100	100
EHW002-16	25.4	1.00	32.0	1.26	4.0	58	12.0	174	0.43	0.30	100	100
EHW002-18	28.0	1.13	34.5	1.36	4.0	58	12.0	174	0.47	0.32	100	100
EHW002-19	30.0	1.19	38.0	1.50	4.0	58	12.0	174	0.60	0.40	100	100
EHW002-20	32.0	1.25	40.0	1.57	4.0	58	12.0	174	0.64	0.43	100	100
EHW002-22	35.0	1.38	43.0	1.69	4.0	58	12.0	174	0.69	0.46	100	100
EHW002-24	38.0	1.50	47.0	1.85	4.0	58	12.0	174	0.85	0.57	100	100
EHW002-25	40.0	1.56	49.0	1.93	4.0	58	12.0	174	0.89	0.60	100	100
EHW002-26	42.0	1.63	51.0	2.01	4.0	58	12.0	174	0.93	0.63	100	100
EHW002-28	44.5	1.75	54.0	2.13	4.0	58	12.0	174	1.05	0.71	100	100
EHW002-30	48.0	1.88	57.5	2.26	4.0	58	12.0	174	1.12	0.75	100	100
EHW002-32	50.8	2.00	60.0	2.36	4.0	58	12.0	174	1.18	0.79	100	100
EHW002-34	55.0	2.19	65.0	2.56	4.0	58	12.0	174	1.36	0.91	100	100
EHW002-38	60.0	2.38	70.0	2.76	4.0	58	12.0	174	1.47	0.98	100	100
EHW002-40	63.5	2.50	73.5	2.89	4.0	58	12.0	174	1.49	1.00	100	100
EHW002-44	70.0	2.75	80.0	3.15	4.0	58	12.0	174	1.63	1.10	100	100
EHW002-48	76.2	3.00	86.0	3.39	4.0	58	12.0	174	1.77	1.19	100	100
EHW002-50	80.0	3.13	90.0	3.54	4.0	58	12.0	174	1.85	1.24	100	100
EHW002-56	90.0	3.50	100.0	3.94	4.0	58	12.0	174	2.07	1.39	100	100
EHW002-64	101.6	4.00	111.5	4.39	4.0	58	12.0	174	2.30	1.55	100	100

EHW027

Meets or exceeds:

ISO 1307 | DIN 73411



Typical application:

For suction & discharge of hot water in industrial applications

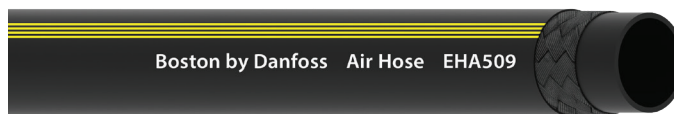
Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile & steel wire helix	Cover: EPDM rubber
Operating temperature:	-40°C to +125°C (-40°F to +257°F)		
Color hose(s):	Black		

PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT		VACUUM		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Bend Info		Weight		Vacuum		Length	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	g/m	lbs/ft	bar	psi	m	ft
EHW027-12	19.0	.75	29	1.14	10	145	30	435	30	1.18	500		-0.92	-13.34	40-46-61	
EHW027-14	22.0	.875	32	1.25	10	145	30	435	35	1.38	570		-0.92	-13.34	40-46-61	
EHW027-16	25.4	1.00	35	1.38	10	145	30	435	40	1.57	615		-0.92	-13.34	40-46-61	
EHW027-18	28.0	1.125	38	1.50	10	145	30	435	45	1.77	735		-0.92	-13.34	40-46-61	
EHW027-20	32.0	1.25	42	1.65	10	145	30	435	55	2.17	810		-0.92	-13.34	40-46-61	
EHW027-24	38.0	1.50	48	1.89	10	145	30	435	75	2.95	1095		-0.92	-13.34	40-46-61	
EHW027-32	50.8	2.00	62	2.44	10	145	30	435	110	4.33	1350		-0.92	-13.34	40-46-61	
EHW027-40	63.5	2.50	75	2.95	10	145	30	435	150	5.90	1785		-0.92	-13.34	40-46-61	
EHW027-48	76.2	3.00	90	3.54	8	116	24	348	180	7.08	2550		-0.92	-13.34	40-46-61	
EHW027-64	101.6	4.00	117	4.60	8	116	24	348	260	10.23	3920		-0.92	-13.34	40-46-61	
EHW027-80	127.0	5.00	146	5.75	8	116	24	348	340	13.39	6040		-0.92	-13.34	40-46-61	
EHW027-96	152.4	6.00	170	6.70	8	116	24	348	550	21.65	6670		-0.92	-13.34	40-46-61	

Type of couplings

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHA509



Typical application:

- For use with air, oil, hot or cold water and non-aggressive chemicals
- For dust control

Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature:	-40°C to +120°C (-40°F to +248°F)		
Hose color(s):	Black		

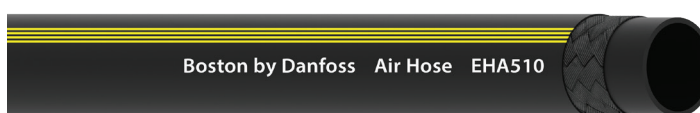
PART	SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg.m	lbs./ft	mtr	ft
EHA509-04	6.4	0.25	11	0.43	10.0	145	30	435	0.03	0.02	91.4	300
EHA509-05	7.9	0.31	14	0.55	10.0	145	30	435	0.05	0.03	91.4	300
EHA509-06	9.7	0.38	16	0.63	10.0	145	30	435	0.07	0.04	91.4	300
EHA509-08	12.7	0.50	20	0.79	10.0	145	30	435	0.08	0.05	91.4	300
EHA509-10	15.9	0.62	23	0.91	10.0	145	30	435	0.10	0.07	91.4	300
EHA509-12	19.0	0.75	27	1.06	10.0	145	30	435	0.12	0.08	91.4	300
EHA509-16	25.4	1.00	33	1.34	10.0	145	30	435	0.15	0.10	91.4	300

Type of couplings

- Hansen® Quick Connect
- Male barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EHA510



Typical application:

- For use with air, oil, hot or cold water and non-aggressive chemicals
- For dust control

Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature: -40°C to +120°C (-40°F to +248°F)			
Hose color(s):	Made to order		

PART		SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
#		Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
		mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHA510-04		6.4	0.25	13	0.52	20.0	290	60	870	0.13	0.09	91.4	300
EHA510-05		7.9	0.31	15	0.59	20.0	290	60	870	0.15	0.10	91.4	300
EHA510-06		9.7	0.38	18	0.71	20.0	290	60	870	0.21	0.14	91.4	300
EHA510-08		12.7	0.50	22	0.87	20.0	290	60	870	0.30	0.20	91.4	300
EHA510-10		15.9	0.62	25	0.98	20.0	290	60	870	0.35	0.24	91.4	300
EHA510-12		19.0	0.75	29	1.14	20.0	290	60	870	0.45	0.30	91.4	300
EHA510-16		25.4	1.00	37	1.46	20.0	290	60	870	0.69	0.46	91.4	300

Type of couplings

- Hansen® Quick Connect
- Male barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

H8851



Typical application:

- For use with air, oil, hot or cold water and non-aggressive chemicals
- For dust control

Hose construction:	Inner tube: EPDM rubber	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature:	-40°C to +120°C (-40°F to +248°F)		
Hose color(s):	Black		

PART	SIZE DIMENSIONS				PRESSURE				WEIGHT		LENGTH	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Weight		Length	
#	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs./ft	mtr	ft
H885106	9.5	.38	17.5	.69	17	250	70	1000	.12	.08	91.4	300
H885108	12.7	.50	21.4	.84	17	250	70	1000	.25	.17	91.4	300
H885112	19.0	.75	31.8	1.25	17	250	70	1000	.64	.43	91.4	300
H885116	25.4	1.00	37.3	1.47	17	250	70	1000	.73	.49	91.4	300
H885120	31.8	1.25	46.5	1.83	17	250	70	1000	.93	.63	91.4	300
H885124	38.1	1.50	54.0	2.13	17	250	70	1000	1.18	.79	91.4	300
H885132	50.8	2.00	66.7	2.63	17	250	70	1000	1.99	1.34	91.4	300
H885140	63.5	2.50	82.6	3.25	17	250	70	1000	2.81	1.89		
H885148	76.2	3.00	95.2	3.75	17	250	70	1000	3.32	2.23		

Type of couplings

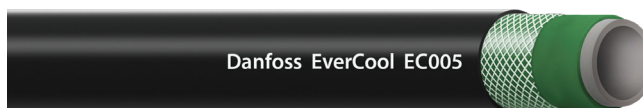
- Hansen® Quick Connect
- Male barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EC005

Exceeds:

SAE J30262 (Type G), SAE J3143,
SAE J2064



Typical application:

- Liquid cooling for data centers, non-conductive
- Designed to replace rubber hose and metal tubing in compound hose/tube assemblies

Hose construction:	Inner tube: Thermoplastic dual-layered tube	Reinforcement: Textile reinforcement	Cover: Thermoplastic
Operating temperature:	-30°C to +90°C (-22°F to +194°F)		
Hose color(s):	Black		

PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	kg.m	lbs./ft
EC005-06	8.13	0.320	13.51	0.532	26	375	103	1,500	50.8	2.00	0.077	0.05
EC005-08	10.7	0.420	16.05	0.632	26	375	103	1,500	63.5	2.50	0.097	0.06

GH001



Typical application:

- For use with air, oil, hot or cold water and non-aggressive chemicals
- For dust control

Hose construction:	Inner tube: Dual Nylon Veneer	Reinforcement: High-tensile synthetic textile	Cover: EPDM rubber
Operating temperature:	-40°C to +140°C (-40°F to +248°F)		
Hose color(s):	Black		

PART	SIZE DIMENSIONS				PRESSURE				BEND		Weight	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min Bend Radius		Length	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	mtr	ft
GH001-4	5.1	.20	11.5	.45	35	500	140	2000	38.1	1.50	0.10	.07
GH001-6	8.1	.32	15.2	.60	35	500	140	2000	50.8	2.00	0.15	.10
GH001-8	10.7	.42	18.3	.72	35	500	140	2000	63.5	2.50	0.21	.14
GH001-10	13.2	.52	20.7	.81	35	500	140	2000	76.2	3.00	0.22	.15
GH001-12	16.5	.65	25.1	.99	35	500	140	2000	101.6	4.00	0.34	.23
GH001-14	18.8	.74	27.7	1.09	35	500	140	2000	114.3	4.50	0.36	.24
GH001-16	22.9	.90	31.4	1.24	35	500	140	2000	177.8	7.00	0.37	.25

Type of couplings

- Hansen® Quick Connect
- Male barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

EC007



Typical application:

- Refrigerant hose

Hose construction:	Inner tube: CR	Reinforcement: One textile braid	Cover: BIIR
Operating temperature: -40°C to +135°C (-40°F to +130°F)			
Hose color(s):	Black		

PART		SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#		Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC007-06		8.1	.32	15.2	.60	35	500	140	2000	50.8	2.00	0.13	.09
EC007-08		10.7	.42	17.8	.70	35	500	140	2000	63.5	2.50	0.18	.12
EC007-10		12.9	.51	19.9	.70	35	500	140	2000	76.2	3.00	0.19	.13
EC007-12		16.1	.63	24.1	.95	35	500	140	2000	101.6	4.00	0.34	.23
EC007-14		18.8	.74	28.4	1.12	35	500	140	2000	127.0	5.00	0.43	.29



Thermal Management Quick Disconnect Couplings



ADB Series (Aluminium)

Flat Face/Dry Break



Danfoss Hansen Aluminium Flat Face ADB coupling is a flat face/dry break coupling used for cooling systems in electric applications with circulating water and antifreeze fluids. This coupling is providing an enhanced solution for preventing spillage of cooling agent which can cause technical failures, system shutdowns, and difficult clean-ups.

Applications & Markets

- Electrical cooling applications
- Renewable energy
- Railway
- Processing industry
- Data centers

PHYSICAL CHARACTERISTICS

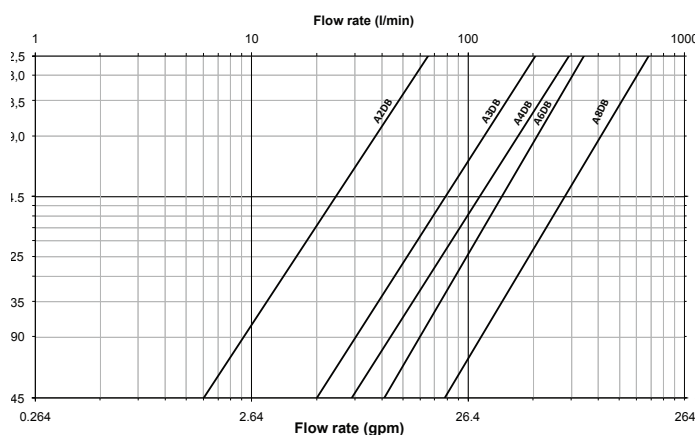
ADB Model	ISO size	Body size	Nominal flow diameter	Max. operating pressure		Rated* flow	Air inclusion	Fluid loss	Force to Connect	
	mm	in		bar	psi		ml-cc.		N	lbf
A2DB	6.3	1/4"	5.9	25	360	25	0.002	0.001	77	17
A3DB	10	3/8"	9.0	25	360	80	0.012	0.03	103	23
A4DB	12.5	1/2"	11.5	25	360	110	0.012	0.025	110	25
A6DB	19	3/4"	15.0	25	360	150	0.03	0.05	193	43
A8DB	25	1"	18.5	25	360	290	0.15	0.13	180	40

* Indicated values refer to a 1 bar / 14.5 psi pressure drop with water values obtained by projection of pressure drops measured with Oil

ADB Series (Aluminium)

Flat Face/Dry Break

Flow Data



Seal Elastomer Data*

Seal Elastomer	Max. Operation Temperature Range
EPDM (Ethylene-Propylene)	-40°C - +150°/-40°F - +302°F
*Other sealing material could be available, contact Danfoss technical support for further information on sealing availability. **For reference only, based on Danfoss recommended temperatures. Contact Danfoss technical support for further information on fluid compatibility	

End-connection

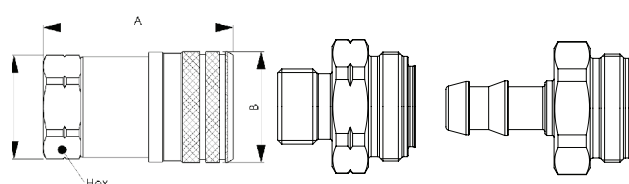


Figure 1

Figure 2

Figure 3

SOCKETS (Female)

Part Number	Fig.	Body Size in	Thread Size			Dimensions								
						A	B	C	Hex 1	A	B	C	Hex 1	Weight
			BSPF female	BSPF male	Hose barb	in	in	in	in	mm	mm	mm	lbs	lbs g
A2DBS25BS192	1	1/4'	1/4'	–	–	1.84	1.06	0.96	0.87	46.7	26.8	24.5	22	0,104 47
A2DBS25MBS192	2	1/4'	–	1/4'	–	1.84	1.06	0.96	0.87	46.7	26.8	24.5	22	0,106 48
A2DBS25HT192	3	1/4'	–	–	1/4'	1.84	1.06	0.96	0.87	46.7	26.8	24.5	22	0,106 48
A2DBS37HT192	3	1/4'	–	–	3/8'	1.84	1.06	0.96	0.87	46.7	26.8	24.5	22	0,106 48
A3DBS37BS192	1	3/8'	3/8'	–	–	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,192 87
A3DBS37MBS192	2	3/8'	–	3/8'	–	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,192 87
A3DBS37HT192	3	3/8'	–	–	3/8'	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,190 86
A3DBS50BS192	1	3/8'	1/2'	–	–	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,192 87
A3DBS50MBS192	2	3/8'	–	1/2'	–	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,205 93
A3DBS50HT192	3	3/8'	–	–	1/2'	2.42	1.26	1.16	1.06	61.5	32	29.5	27	0,201 91
A4DBS50BS192	1	1/2'	1/2'	–	–	2.49	1.49	1.4	1.26	63.3	37.9	35.5	32	0,284 129
A6DBS75BS192	1	3/4'	3/4'	–	–	3.48	1.89	1.83	1.61	88.5	48	46.5	41	0,613 278
A8DBS100BS192	1	1'	1'	–	–	3.70	2.26	2.16	1.97	93.9	57.4	54.9	50	0,939 426

*Alternative end connections available upon request.

To obtain connected length of coupling, add dimensions A (Fig. 1) and G (Fig. 4) together.

ADB Series (Aluminium)

Flat Face/Dry Break

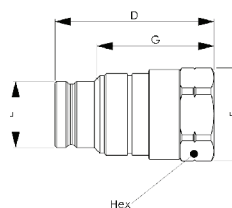


Figure 4

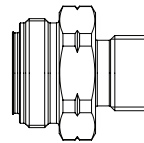


Figure 5

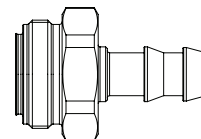


Figure 6

PLUGS (Male)

Part Number	Fig.	Body Size	Thread Size				Dimensions									
							D	E	F	G	Hex 1	D	E	F	G	Hex 1
		in	BSPP female	BSPP male	Hosebarb		in	in	in	in	in	mm	mm	mm	mm	mm
A2DBP25BS192	4	1/4"	1/4"	-	-		1.71	0.65	0.96	1.26	0.87	43.5	16.5	24.5	32.1	22
A2DBP25MBS192	5	1/4"	-	1/4"	-		1.71	0.65	0.96	1.26	0.87	43.5	16.5	24.5	32.1	22
A2DBP25HT192	6	1/4"	-	-	1/4"		1.71	0.65	0.96	1.26	0.87	43.5	16.5	24.5	32.1	22
A2DBP37HT192	6	1/4"	-	-	3/8"		1.71	0.65	0.96	1.26	0.87	43.5	16.5	24.5	32.1	22
A3DBP37BS192	4	3/8"	3/8"	-	-		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A3DBP37MBS192	5	3/8"	-	3/8"	-		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A3DBP37HT192	6	3/8"	-	-	3/8"		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A3DBP50BS192	4	3/8"	1/2"	-	-		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A3DBP50MBS192	5	3/8"	-	1/2"	-		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A3DBP50HT192	6	3/8"	-	-	1/2"		2.25	0.77	1.16	1.45	1.06	57.1	19.7	29.5	39.5	27
A4DBP50BS192	4	1/2"	1/2"	-	-		2.39	0.99	1.4	1.59	1.26	60.6	25.2	35.5	40.4	32
A6DBP75BS192	4	3/4"	3/4"	-	-		3.28	1.29	1.83	2.27	1.61	83.4	32.8	46.5	57.7	41
A8DBP100BS192	4	1"	1"	-	-		3.52	1.59	2.16	2.44	1.97	89.4	40.4	54.9	62	50

*Alternative end connections available upon request.

To obtain connected length of coupling, add dimensions A (Fig. 1) and G (Fig. 4) together.

COLOR CODING RING OPTION*

Body Size (in)	ISO Size (mm)	Size	Socket/Female Ring Part Number **				Plug/Male Ring Part Number**				Tool Part Number	Tool & Rings Kit Part Number***
			Blue	Red	Yellow	Green	Blue	Red	Yellow	Green		
1/2	12.5	12FF	CR12FFSLB	CR12FFSRD	CR12FFSYL	CR12FFSDG	CR12FFPLB	CR12FFPRD	CR12FFPYL	CR12FFPDG	CR12FFSP93	CRKIT12FF

For color coded rings TPE material is used that offers excellent flexibility which allows a very good shock resistance in demanding applications. Good thermal, chemical and weather resistance provides a great fit on the coupling and a extended life time in toughest conditions. The color coded rings are easy to install by using the referenced tools. Please refer to the user guide on danfoss/qdc.com

* For requests on alternative colors or installation instructions, please contact your Danfoss sales representative.

** Orders must be in multiples of 10 pcs.

*** The kit consists of a tool plus 10 socket rings and 10 plug rings of each color.

MLDB Series (Stainless Steel) Flat Face/Dry Break



Danfoss Hansen MLDB Series stainless steel coupling is a flat face/dry break coupling used for fluid transfer applications. The MLDB Series offers the ability to connect with less force, higher sealing performance and are available in multiple configurable end connections.

Applications & Markets

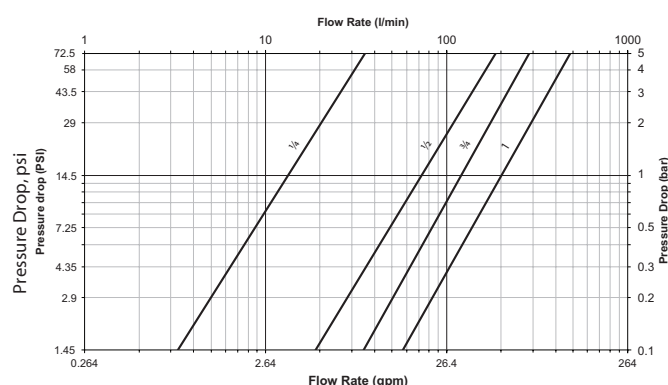
- Process/Fluid Transfer
- Cooling
- Corrosive Environments
- Chemicals/Petrochemicals
- Pharmaceuticals
- Food Processing
- Electrical

PHYSICAL CHARACTERISTICS

Body Size	Nominal Flow Diameter	Max. Operating Pressure		Rated* flow		Air inclusion	Fluid loss	Force to Connect	
	mm	bar	psi	lpm	gpm	ml-cc.	ml-cc.	N	lbf
¼	5.9	25	360	15	4	0.002	0.001	85	19
½	11.5	25	360	73	19	0.012	0.025	150	34
¾	15.0	25	360	120	32	0.030	0.050	170	38
1	18.5	25	360	200	53	0.150	0.130	180	41

* Indicated values refer to a 1 bar/14.5 psi pressure drop.

Flow Data



Test Fluid: Oil viscosity 30 cSt at 40°C/104°F

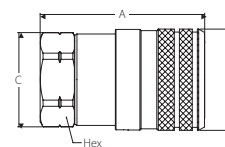
SEAL ELASTOMER DATA*

Seal Elastomer	Max. Operation Temperature Range
FKM	-20°C +200°C/-4°F +392°F
EPDM (Ethylene-Propylene)	-40°C +150°C/-40°F +302°F
Kalrez® 6375	-20°C +275°C/-4°F +527°F
Generic FFKM (Perfluorocarbon)	-15°C +275°C/+5°F +527°F

* For reference only, based on Danfoss recommended temperatures.
Contact Danfoss technical support for further information on fluid compatibility

MLDB Series (Stainless Steel)

Flat Face/Dry Break

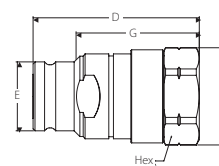

Figure 1

SOCKETS (Female)

Part number weight				Thread size* (female)				Dimensions									
FKM	EPDM	Kalrez 6375	Generic FFKM	Body Size	NPT	BSPP	Fig.	A (in)	B (in)	C (in)	Hex (in)	A (mm)	B (mm)	C (mm)	Hex (mm)	lbs	grams
ML2DBS25FBS	ML2DBS25FBS292	ML2DBS25FBS242	ML2DBS25FBS503	¼	–	¼-19	1	1.79	1.06	0.96	0.87	45.4	26.8	24.5	22	0.25	116
ML2DBS25F	ML2DBS25F292	ML2DBS25F242	ML2DBS25F503	¼	¼-18		1	1.73	1.06	0.96	0.87	43.9	26.8	24.5	22	0.27	127
ML4DBS50FBS	ML4DBS50FBS292	ML4DBS50FBS242	ML4DBS50FBS503	½	–	½-14	1	2.44	1.5	1.4	1.26	61.9	38.2	35.5	32	0.71	325
ML4DBS50F	ML4DBS50F292	ML4DBS50F242	ML4DBS50F503	½	½-14		1	2.44	1.5	1.4	1.26	61.9	38.2	35.5	32	0.70	318
ML6DBS75FBS	ML6DBS75FBS292	ML6DBS75FBS242	ML6DBS75FBS503	¾	–	¾-14	1	3.02	1.89	1.83	1.61	76.8	47.9	46.5	41	1.36	617
ML6DBS75F	ML6DBS75F292	ML6DBS75F242	ML6DBS75F503	¾	¾-14		1	3.02	1.89	1.83	1.61	76.8	47.9	46.5	41	1.37	622
ML8DBS100FBS	ML8DBS100FBS292	ML8DBS100FBS242	ML8DBS100FBS503	1	–	1-11	1	3.54	2.26	2.16	1.97	89.9	57.4	54.9	50	2.21	1005
ML8DBS100F	ML8DBS100F292	ML8DBS100F242	ML8DBS100F503	1	1-11		1	3.42	2.26	2.16	1.97	86.9	57.4	54.9	50	2.24	1020

*Alternative end connections available upon request.

To obtain connected length of coupling, add dimensions A (Fig. 1) and G (Fig. 4) together.


Figure 2

PLUGS (Male)

Part number weight				Thread size* (female)				Dimensions									
FKM G (mm)	EPDM Hex (mm)	Kalrez 6375 lbs	Generic FFKM grams	Body Size	NPT	BSPP	Fig.	D (in)	E (in)	F (in)	G (in)	Hex (in)	D (mm)	E (mm)	F (mm)		
ML2DBP25FBS	ML2DBP25FBS292	ML2DBP25FBS242	ML2DBP25FBS503	¼	–	¼-19	2	1.72	0.65	0.96	1.31	0.87	43.6	16.5	24.5	33.2	22
ML2DBP25F	ML2DBP25F292	ML2DBP25F242	ML2DBP25F503	¼	¼-18		2	1.66	0.65	0.96	1.25	0.87	42.1	16.5	24.5	31.7	22
ML4DBP50FBS	ML4DBP50FBS292	ML4DBP50FBS242	ML4DBP50FBS503	½	–	½-14	2	2.39	0.99	1.4	1.8	1.26	60.7	25.2	35.5	45.7	32
ML4DBP50F	ML4DBP50F292	ML4DBP50F242	ML4DBP50F503	½	½-14		2	2.39	0.99	1.4	1.8	1.26	60.7	25.2	35.5	45.7	32
ML6DBP75FBS	ML6DBP75FBS292	ML6DBP75FBS242	ML6DBP75FBS503	¾	–	¾-14	2	2.97	1.29	1.83	2.11	1.61	75.5	32.8	46.5	53.6	41
ML6DBP75F	ML6DBP75F292	ML6DBP75F242	ML6DBP75F503	¾	¾-14		2	2.97	1.29	1.83	2.11	1.61	75.5	32.8	46.5	53.6	41
ML8DBP100FBS	ML8DBP100FBS292	ML8DBP100FBS242	ML8DBP100FBS503	1	–	1-11	2	3.52	1.59	2.16	2.60	1.97	89.4	40.4	54.9	66.1	50
ML8DBP100F	ML8DBP100F292	ML8DBP100F242	ML8DBP100F503	1	1-11		2	3.4	1.59	2.16	2.48	1.97	86.4	40.4	54.9	63.1	50

MLDB Series (Stainless Steel)

Flat Face/Dry Break

SEAL KIT AND TOOL FOR SERVICING SOCKETS (Female)					
Body Size	Tool Part Number	Seal kit Part Number (includes 5 sets) FKM	EPDM	Seal kit Part Number (includes 1 sets) Kalrez 6375	Generic FFKM
¼	ML2DBS93	2DBSG143	2DBSG292	2DBSG242	2DBSG503
½	ML4DBS93	4DBSG143	4DBSG292	4DBSG242	4DBSG503
¾	ML6DBS93	6DBSG143	6DBSG292	6DBSG242	6DBSG503
1	ML8DBS93	8DBSG143	8DBSG292	8DBSG242	8DBSG503

For installation instructions, please refer to the user guide on "Danfoss.com".

SEAL KIT AND TOOL FOR SERVICING SOCKETS (Female)				
Body Size	Seal kit Part Number (includes 5 sets) FKM	EPDM	Seal kit Part Number (includes 1 sets) Kalrez 6375	Generic FFKM
¼	2DBPG143	2DBPG292	2DBPG242	2DBPG503
½	4DBPG143	4DBPG292	4DBPG242	4DBPG503
¾	6DBPG143	6DBPG292	6DBPG242	6DBPG503
1	8DBPG143	8DBPG292	8DBPG242	8DBPG503

COLOR CODING RING OPTION*												
Body Size (in)	ISO Size (mm)	Size	Socket/Female Ring Part Number **				Plug/Male Ring Part Number**				Tool Part Number	Tool & Rings Kit Part Number***
			Blue	Red	Yellow	Green	Blue	Red	Yellow	Green		
½	12.5	12FF	CR12FFSLB	CR12FFSRD	CR12FFSYL	CR12FFSDG	CR12FFPLB	CR12FFPRD	CR12FFPYL	CR12FFPDG	CR12FFSP93	CRKIT12FF

For color coded rings TPE material is used that offers excellent flexibility which allows a very good shock resistance in demanding applications. Good thermal, chemical and weather resistance provides a great fit on the coupling and a extended life time in toughest conditions. The color coded rings are easy to install by using the referenced tools. Please refer to the user guide on danfoss/qdc.com

* For requests on alternative colors or installation instructions, please contact your Danfoss sales representative.

** Orders must be in multiples of 10 pcs.

*** The kit consists of a tool plus 10 socket rings and 10 plug rings of each color.

UQD Series



Danfoss Hansen UQD is designed for fluid transfer and electronics cooling applications, available in 4 different sizes and 2 color options. It complies with OCP (Open Compute Project) and exceeds requirements of specified performance characteristics. Danfoss UQD offers color identification (red and blue) and guarantees 100% helium-leak testing.

Applications & Markets

- Liquid cooling application
- Data center application



PHYSICAL CHARACTERISTICS

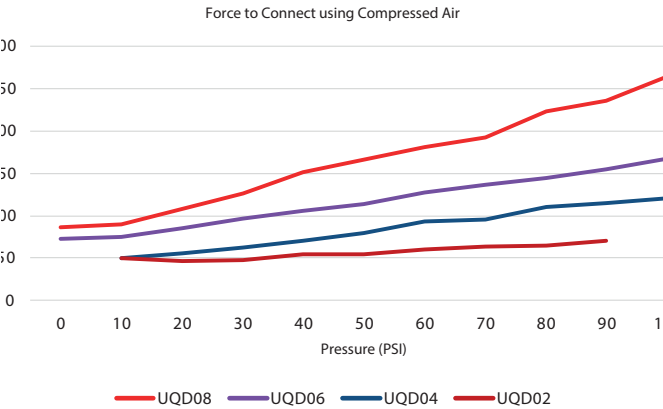
			Max operating pressure										Min Burst presure						
Size	Body Size	Nomi-nal flow diamter	Connected		Socket / Female Half		Plug / Male half		Connected		Socket / Female Half		Plug / Male half		Rated flow		Cv value	Air inclu-sion	Fluid Loss
	(in)	(mm)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(lpm)	(gpm)	–	cc. max.	cc. max.
UQD02	1/8	2.8	20	290	20	290	20	290	60	870	60	870	60	870	2.1	0.6	0.33	0.004	0.007
UQD04	1/4	5.5	16	232	16	232	16	232	48	696	48	696	48	696	6.4	1.7	1.37	0.024	0.01
UQD06	3/8	6.3	6.9	100	6.9	100	6.9	100	20.7	300	20.7	300	20.7	300	11.4	3.0	2.37	0.027	0.022
UQD08	1/2	8.9	6.9	100	6.9	100	6.9	100	20.7	300	20.7	300	20.7	300	17.8	4.7	5.32	0.029	0.03

PERFORMANCE PARAMETERS

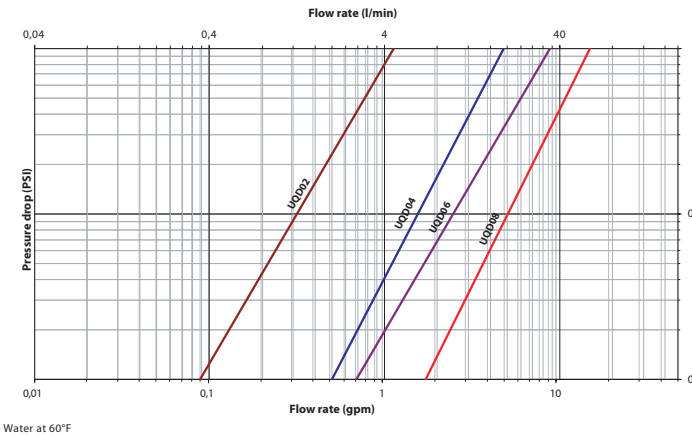
Size	Force to connect		Recommended Torque			
	N	lb	ORB size	N-m	BSP size	N-m
UQD02	48	10.79	7/16-20	11-12	1/8"	8-9
UQD04	50	11.24	9/16-18	18-20	3/8"	18-20
UQD06	73	16.41	3/4-16	52-57	3/8"	18-20
UQD08	87	19.56	7/8-14	58-64	1/2"	34-37

UQD Series

Force to Connect vs Pressure



Flow Data



SEAL ELASTOMER DATA*			
Seal Elastomer	P/N Code	Operation Temperature Range	
		C°	F°
EPDM	-	-40°C +150°C	-40°F +302°F

UQD Series

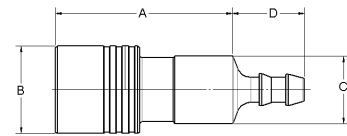


Figure 1
Push on socketless fitting

UQD													
Sockets (Female)	Part Number	Details		Dimensions									
		Thread / end size	Fig.	A		B		C		D		Hex	
		Hose Tail	n°	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
UQD02	2UQS25HABL 2UQS25HARD	1/4	1	46.2	1.82	23	0.91	15.5	0.61	19	0.75	14	0.55
UQD04	4UQS25HABLS11 4UQS25HARDS11	1/4	1	50.0	1.96	24.6	0.97	19.0	0.74	22	0.87	–	–
	4UQS37HABLS11 4UQS37HARDS11	3/8	1	49.5	1.95	24.6	0.97	19.0	0.74	23.7	0.93	–	–
UQD06	6UQS50HABL 6UQS50HARD	1/2	1	61.1	2.41	31.7	1.25	24	0.94	25.8	1.02	22	0.87
UQD08	8UQS62HABL 8UQS62HARD	5/8	1	68.4	2.69	35	1.38	30	1.18	39	1.54	27	1.06

Note 1: For color options, RD suffix corresponds to RED and BL suffix to BLUE.

UQD Series

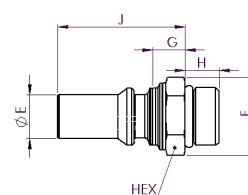


Figure 2
Male ORB ISO 11926-3

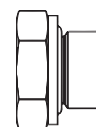


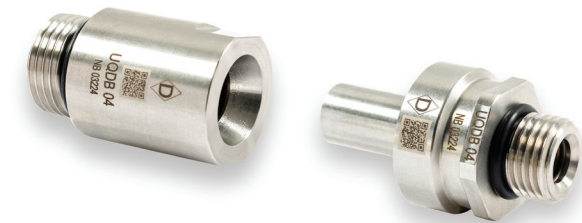
Figure 3
ISO 1179-3

UQD																
Plugs (Male)	Part Num- ber	Details			Dimensions											
		Thread / end size		Fig.	E		F		G		H		J		Hex	
		BSP	ORB		(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
UQD02	2UQP43ORMBL 2UQP43ORMRD	-	7/16-20	3	6.65	0.26	16.17	0.64	8.7	0.34	9.1	0.36	29.3	1.15	14	0.55
	2UQP12MBSBL 2UQP12MBSRD	1/8	-	4	6.65	0.26	17.32	0.68	8.7	0.34	8	0.31	30.4	1.20	15	0.59
UQD04	4UQP56ORMBL 4UQP56ORMRD	-	9/16-18	3	11.07	0.44	19.63	0.77	9.8	0.39	9.9	0.39	37.9	1.49	17	0.67
	4UQP37MBSBL 4UQP37MBSRD	3/8	-	4	11.07	0.44	25.40	1.00	9.8	0.39	11.2	0.44	37.9	1.49	22	0.87
UQD06	6UQP75ORMBL 6UQP75ORMRD	-	3/4-16	3	14.3	0.56	25.40	1.00	10	0.39	11.1	0.44	41.6	1.64	22	0.87
	6UQP37MBSBL 6UQP37MBSRD	3/8	-	4	14.3	0.56	25.40	1.00	10	0.39	11.2	0.44	41.6	1.64	22	0.87
UQD08	8UQP87ORMBL 8UQP87ORMRD	-	7/8-14	3	17.48	0.69	31.18	1.23	12	0.47	12.7	0.50	47.6	1.87	27	1.06
	8UQP50MBSBL 8UQP50MBSRD	1/2	-	4	17.48	0.69	34.64	1.36	12	0.47	14.5	0.57	47.6	1.87	30	1.18

Note 1: To obtain connected length of coupling, add dimensions A (Fig. 1) and G (Fig. 2) together.

Note 2: For color options, RD suffix corresponds to RED and BL suffix to BLUE.

UQDB Series



Danfoss Hansen Universal Quick Disconnect Blind-Mate (UQDB) has been designed with OCP (Open Compute Project) community to set industry standard for thermal management application in data centers. This quick disconnect coupling is available in 4 different sizes (as the UQD: -02/-04/-06/-08) and complies with OCP specification requirements. Danfoss UQDB offers a self-alignment feature to help connect in location with limited access or visibility and guarantees 100% helium-leak testing on every coupling.

Applications & Markets

- Direct-to-chip liquid cooling
- Thermal management



PHYSICAL CHARACTERISTICS

			Max operating pressure										Min burst pressure							
Size	Body Size	Nominal flow diamter	Connected		Socket / Female Half		Plug / Male half		Connected		Socket / Female Half		Plug / Male half		Rated flow		Cv value	Air inclusion	Fluid Loss	Misalign-ment loss (radial)
	(in)	(mm)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(lpm)	(gpm)	–	cc. max.	cc. max.	
UQDB02	1/8	2.8	20	290	20	290	20	290	60	870	60	870	60	870	2.1	0.55	0.31	0.004	0.020	1
UQDB04	1/4	5.5	16	232	16	232	16	232	48	696	48	696	48	696	6.4	1.7	1.22	0.004	0.025	1
UQDB06	3/8	6.3	10	145	10	145	10	145	30	435	30	435	30	435	11.36	3	2.23	0.007	0.035	1

UQDB Series

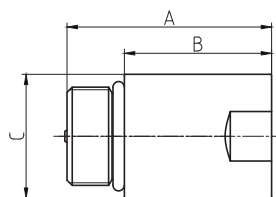


Figure 1
Socket

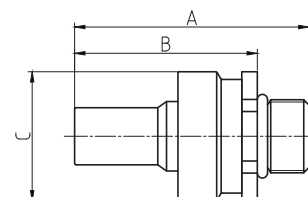
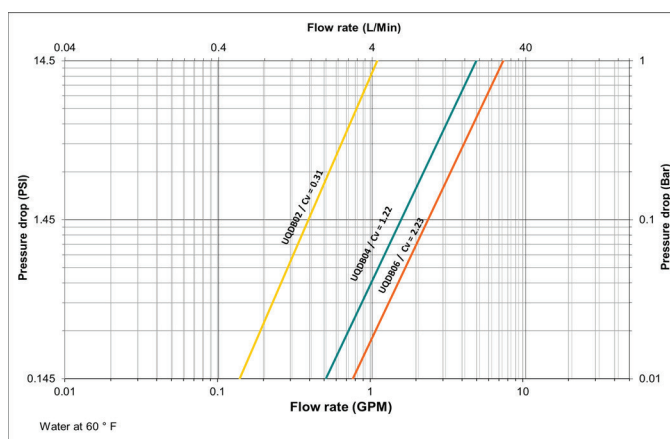


Figure 2
Plug

DIMENSIONS												
OCP UQDB size	Part Number	Part	Details		Dimensions							
			Thread size	Fig.	A		B		C		E2E Length	
			ORB	n°	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
UQDB02	2UQBS56ORM	Socket	9/16"-18	1	33.6	1.32	23.6	0.93	20	0.79	35.8-37.2	1.41-1.46
UQDB02	2UQBP44ORM	Plug	7/16"-20	2	36.1	1.42	27.0	1.06	20	.079		
UQDB04	4UQBS75ORM	Socket	3/4"-16	1	39.6	1.55	28.5	1.12	23.6	0.92	44.0 - 45.4	1.73 - 1.79
UQDB04	4UQBP56ORM	Plug	9/16"-18	2	45.3	1.78	35.3	1.39	25.0	0.98		
UQDB06	6UQBS87ORM	Socket	7/8"-14	1	44.4	1.74	31.7	1.24	28.4	1.11	47.5 - 48.9	1.87 - 1.93
UQDB06	6UQBP75ORM	Plug	3/4"-16	2	49.9	1.96	38.9	1.53	28.4	1.11		

Flow Data



SEAL ELASTOMER DATA*			
Seal Elastomer	P/N Code	Operation Temperature Range	
		C°	F°
EPDM	-	-40°C +150°C	-40°F +302°F

About

Danfoss Power Solutions is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

We offer you expert worldwide support for ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide you with comprehensive global service for all of our components.

Danfoss Power Solutions – your strongest partner in mobile hydraulics and mobile electrification.

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- Boston by Danfoss
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- DCV directional control valves
- Electric converters
- Electric machines
- Electric motors
- Hydrostatic motors
- Hydrostatic pumps
- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays and sensors
- PLUS+1® joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1® software services,support and training
- PLUS+1® software
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