



SERIES 70 10K PSI / 700 BAR / 7000 M SeaKing™ High-Pressure Subsea Connectors, Cables, and PBOF Assemblies

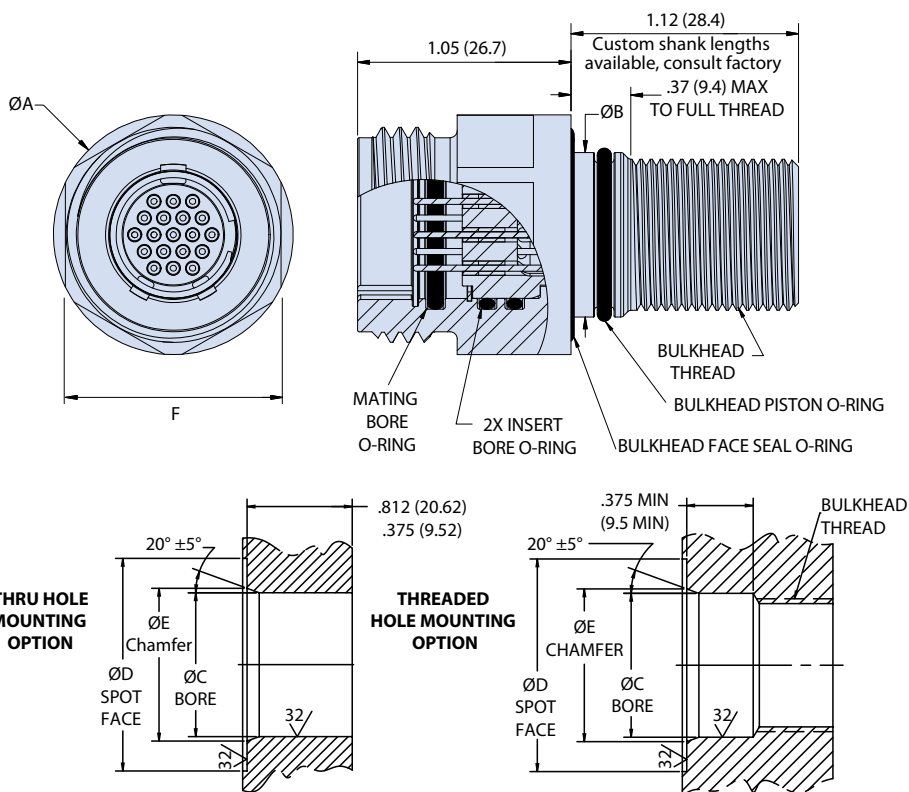
700-007 bulkhead connector receptacle (BCR)



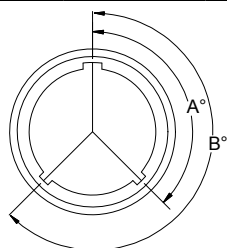
SeaKing BCR - How To Order						
Sample Part Number	700	-007-	K19	-Z1	P	N
Product Series	700 = SeaKing™					
Connector Style	007 = Bulkhead connector					
Shell Size-Contact Arrangement	See SeaKing contact arrangements table (pgs. 4-5)					
Shell Material	Z1 = 316 Stainless steel TC = Titanium					
Contact Style	P = Pin					
Alternate Key Position	A, B, C, N = Normal (see alternate key positions table)					

NOTES

- Double O-ring sealing:
 - Flange and piston O-rings to bulkhead
 - Dual piston O-rings at insert
 - Flange and piston O-rings in mated condition
- Mates with 700-001 series SeaKing plugs of the same size and polarization
- Material/Finish
 - Shell: 316 stainless steel shell
 - Contacts: Inconel X750, gold plated
 - Insert: Inconel X750
 - Insulator: Fused vitreous glass
 - O-ring: Nitrile



Alternate Key Positions



Position	A°	B°
N	150°	210°
A	75°	210°
B	95°	230°
C	140°	275°

Dimensions

Shell Size	$\varnothing A$	$\varnothing B$	Hex Flats F	Bulkhead Face Seal O-Ring	Bulkhead Piston O-Ring	Mating Piston and Insert O-Ring	Retaining Ring	$\varnothing C$ +.002 (+.05) -.000 (-.00)	$\varnothing D$ Min	$\varnothing E$ ±.010 (±.25)	Bulkhead Thread Male: Class 2A Female: Class 2B	Bulkhead Mounting Torque (Dry Threads)
G	1.06 (26.9)	.685 (17.40)	.938 (23.83)	2-019	2-015	2-014	VH-50-S02	.687 (17.45)	1.08 (27.4)	.737 (18.72)	5/8-24 UNEF	30 ft/lbs
K	1.18 (30.0)	.810 (20.57)	1.063 (27.00)	2-020	2-017	2-016	VH-62-S02	.812 (20.62)	1.20 (30.5)	.862 (21.89)	3/4-20 UNEF	35 ft/lbs
L	1.31 (33.3)	.935 (23.75)	1.188 (30.18)	2-022	2-019	2-018	VH-75-S02	.937 (23.80)	1.33 (33.8)	.987 (25.07)	7/8-20 UNEF	35 ft/lbs
M	1.43 (36.3)	1.060 (26.92)	1.313 (33.35)	2-024	2-021	2-019	VH-81-S02	1.062 (26.97)	1.45 (36.8)	1.112 (28.24)	1-20 UNEF	35 ft/lbs
O	1.68 (42.7)	1.185 (30.10)	1.563 (39.70)	2-027	2-023	2-023	VH-106-S02	1.187 (30.15)	1.70 (43.2)	1.237 (31.42)	1 1/8-16 UN	50 ft/lbs
Q	1.93 (49.0)	1.435 (36.45)	1.813 (46.05)	2-030	2-027	2-028	VH-137-S02	1.437 (36.50)	1.95 (49.5)	1.487 (37.77)	1 3/8-16 UN	50 ft/lbs
R	2.06 (52.3)	1.623 (41.22)	1.938 (49.23)	2-031	2-029	2-029	VH-150-S02	1.625 (41.28)	2.08 (52.8)	1.675 (42.55)	1 1/2-16 UN	60 ft/lbs

SUBSEA/DEEPWATER: SEAKING™