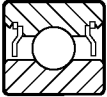
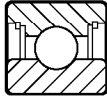
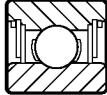
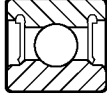
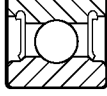
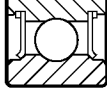
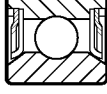


Seals and Shields

The following chart includes the common types of shields and seals offered by NHBB. Please consult the factory for help in determining the appropriate seal or shield for your particular application.

*Seal and Shield Types*

DESCRIPTION	TYPE	DESIGN	MATERIAL	OPERATING TEMP MAX.*
Shield Removable with snap wire Minimal clearance Most popular	Z		Stainless steel 300 series	600° F
Seal with snap wire Provides minimal clearance to light contact resulting in low torque	L		Glass-reinforced PTFE	400° F
L seal with backing plate Excellent sealing characteristics	LBP		Glass-reinforced PTFE seal, metallic backing plate	400° F
Seal Excellent sealing characteristics	D		Buna-N bonded to steel insert	250° F
Seal Excellent sealing characteristics High cost	D1		Viton® bonded to steel insert	400° F
Seal, lip riding Excellent sealing characteristics	Q		Glass-reinforced PTFE	400° F
Seal with protective shield, lip riding Excellent sealing characteristics	Q4		Glass-reinforced PTFE	400° F

\* Rings and balls are heat stabilized to 300° F.

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