



Polyurethane U-Cup LTD

9613S TIMKEN NATIONAL OIL SEAL

Bearing No. 9613S

Width	0.470 in
Casing	Without Inner Case
Weight	0.11 lbs
Seal Type	Double Lip with Spring
Design Type	71
Lip Material	Nitrile
Solid / Split	Solid
Shaft Diameter	1.500 in
Outside Diameter	2.381 in
Typical Application	General Purpose
Misalignment Tolerance	0.015 in at 800 rpm; 0.010 in at 4200 rpm
Construction Description	Dual Lip, Spring Loaded Without Inner Case
Maximum Shaft Surface Speed	3000 fpm
Continuous Temperature Range	-40 to 225 ° F

9613S Bearing 2D drawings and 3D CAD models