

# Product note

## DODGE SNX & SDX

### Split-Housed Plummer Blocks

#### Split-Housed Plummer Blocks

DODGE Quality For World Wide Applications.

SN dimensioned housings are used throughout the world, and DODGE offers a full line of products to satisfy most application requirements.

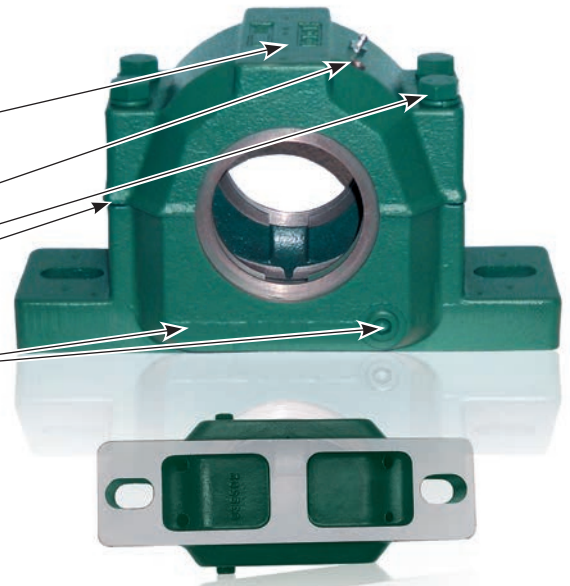
#### SNX Features

- Housing of cast iron GG25
- 40mm through 175mm
- 200, 300, 500 and 600 series housings
- Grease or oil lubrication
- Solid feet for enhanced load capacity
- Available seals: Felt, V-ring, LD split lip radial, TS labyrinth, TT triple-tect, DK end cover
- Integral taconite seal capability



### SNX™ Features

- Cast-in dimples for taconite seal option
- Two drilled and tapped grease holes: 1 with grease fitting, 1 plugged
- 4 cap bolts for all housing sizes: for extra strength
- Pry slots: allow easy disassembly
- Two oil lubrication drain holes: 1 for draining and 1 for either sight gauge or for grease escape hole in base



Solid feet for extra load capacity and better heat transfer

### Standard Features For Oil Lubrication Included

- Extra capacity oil sump: lowers operating temperature
- Oil equalization passage: allows oil flow from side to side
- Oil return slots: ensures oil returns to the sump and prevents leakage



### SDX – SDXD Features

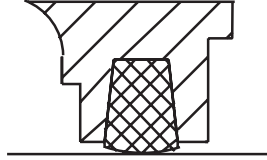
- 180mm through 320mm
- SD housing with extra capability
- For 23040K through 23068K bearings, and 23134K through 23164K bearings
- Available in either GG cast iron or GGG spheroidal ductile iron
- TS labyrinth seal standard
- TT triple tect seal optional; housing machined to allow direct greasing and purging of taconite seal



# SEALing One Housing – Many Seal Options

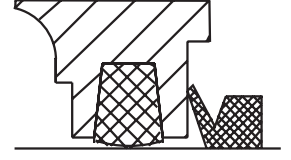
## FS

Felt Seal: Standard  
SNX 200, 500, 600, 3000



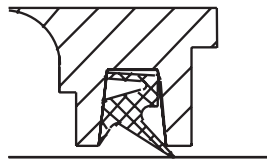
## VR

Felt Seal plus V-ring Seal  
SNX 200, 500, 600, 3000



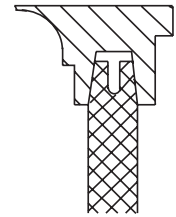
## LD

Split Two-Lip Radial Seal  
SNX 200, 500, 600, 3000



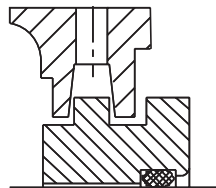
## DK

End Cover  
SNX 200, 300, 500, 600, 3000



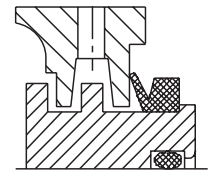
## TS - SNX

Labyrinth Seal  
SNX 200, 500



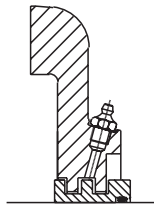
## TT - SNX

Triple-Tect Seal  
SNX 200, 500



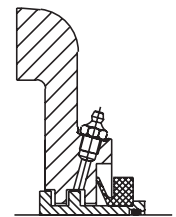
## TS - SDX/SDXD

Labyrinth Seal: Standard  
SDX 3000, 3100



## TT - SDX

Triple-Tect /Taconite Seal  
SDX 3000, 3100



	FS		LD		VR & TT		TS	DK
	ft/s	m/s	ft/s	m/s	ft/s	m/s		
<b>Max. circumferential speeds</b>	13.1	4	26.2	8	13.1	4	brg. RPM limit	–
<b>Max temperature</b>	176°F-194°F (80°C-90 °C)		212°F - 230°F (100°C-110°C)		212°F - 230°F (100°C-110°C)		212°F - 230°F (100°C-110°C)	212°F - 230°F (100°C-110°C)

### DODGE ISN Spherical Roller Bearing

- Patented "Push/Pull" adapter mounting system
- Dimensionally interchangeable with SN 500 series
- Clearances are preset and bearing is greased at the factory
- Expansion & non-expansion, field convertible
- Triple lip contact seals for wet or dirty applications
- Labyrinth non-contact seals for high speed & high temperature applications
- 30mm through 140mm

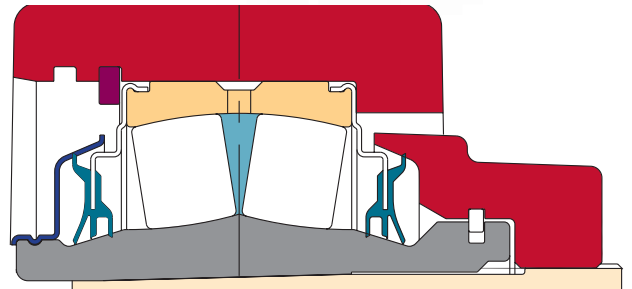


### Patented Sealing Systems

- An ineffective seal can allow contaminants to enter into a bearing, which can cause failure. However, with ISN bearing inserts, you get two exclusive seals for maximum sealing protection.

### TRIDENT Seals

- For dirty environments, low-to-medium speeds, and normal ambient conditions, these inserts feature our proven TRIDENT seal. Made of nitrile material, this triple-lip rubbing seal assures a low coefficient of friction, and its seal land maintains full seal contact when misaligned.



### Labyrinth Seals

- For higher speeds and temperatures, the ISN inserts offer labyrinth seals with corrosion-resistant flingers and a clearance steel seal carrier.

