



NSK AGRI DISC HUBS

PRODUCT ADVANTAGES

Agricultural applications present considerable challenges for all mechanical components. Contamination, moisture, vibration and shock loads are just some of the factors which these components have to cope with.



NSK SOLUTION

Agri Disc Hub with a brilliant sealing solution – designed to be used under extreme operating conditions.

BENEFITS



Depending on the bearing unit type suitable for disc diameters from 300 mm to 800 mm



Easy mounting



Same fitting dimensions as all major manufacturers for ease of installation and retrofitting



Greased and sealed-for life for maintenance free operation

ADVANTAGES FOR FARMERS

Factor	Savings	Description
Productivity	<ul style="list-style-type: none"> - Downtime - Spare Parts - Repair Service 	<ul style="list-style-type: none"> - No repairs due to bearing failures caused by insufficient lubrication and contamination - Increases the machinery's availability
Contamination	<ul style="list-style-type: none"> - Reduces bearing failures by contamination - Increase of service life by 5 to 10 times 	<ul style="list-style-type: none"> - Field tests have proved that the cassette seal developed specially for the NSK Agri Disc Hubs provides reliable protection from contamination such as clay, sand, dust, plant fibres, liquid manure fertilisers, water and moisture ingress - The cassette seal is also protected from stones by a steel disc
Lubrication / Grease	<ul style="list-style-type: none"> - Saves time (approx. ½ hour per day of use) - Prevents grease leakage (ca. 25 kg of lubricant per year) - No Environmental pollution 	<ul style="list-style-type: none"> - NSK Agri Disc Hubs are sealed bearing units with lifelong lubrication - No need for regreasing

EXAMINATION FOLLOWING FIELD TESTING



Typical picture of a compact disc harrow covered in dirt following the use of liquid manure.



An NSK employee removing the unit from the machine arm.



The picture shows that no contamination or rust is present beyond the O-ring.