

**QCB**  
Bearings

AGRI-HUB  
UNITS

AGRICULTURAL HUB UNITS





## Product Features

- Double-row angular contact ball bearing, enabling a higher carrying capacity compared to conventional one-row designs
- Zinc coating or black oxide coating, contributing to long service life and anti-corrosion property
- Robust five-lip seal design that helps extend bearing service life, reducing maintenance and repairs
- Integrated design



## Agricultural Hub Units

Through years of cooperation with OEM factories, QCB has accumulated extensive expertise on solutions for agriculture applications, the bearings are usually working in harsh environments with containments, especially the bearings for seeding and tillage discs, the straw, stones, sap, water and more can cause disc bearing seals to fail, leading to contaminant ingress, lubricant loss and premature bearing failures.

The QCB agriculture hub is a fully integrated hub bearing system, greased and sealed for the life of the unit. Proven to reduce downtime and drive productivity.

The hub unit has a flanged outer ring that is pre-drilled and tapped to accommodate a disc. The stationary inner ring is fitted with a threaded stub shaft for easy mounting onto practically any implement arm. In addition to enabling manufacturers to offer end users products with increased reliability, the agriculture hub for farmers reduce maintain time and boost productivity.



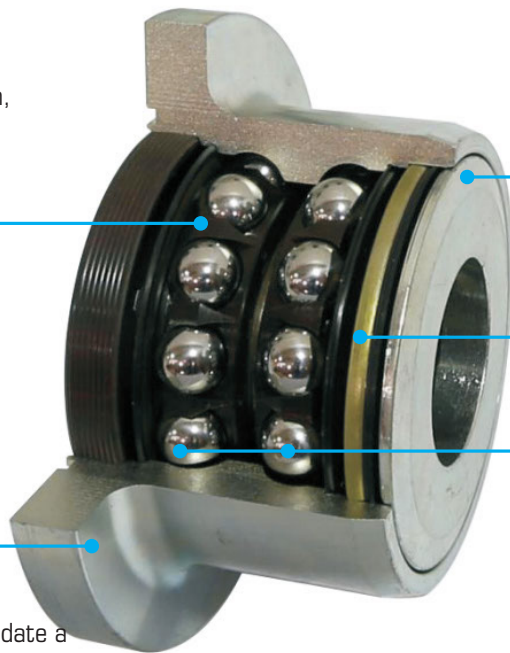
## Product Specification

### Retainer

Self-lubrication and good performance of resisting corrosion, toughness, impact and abrasion

### Protection cap

Anti-contamination cap for disc replacement Prevent mud and protect the oil seal



5-lip Oil Seal

### Double ball bearing

Enable high carrying capacity in both radial and axial direction

### Flanged outer ring

Pre-drilled and tapped to accommodate a disc, Easy to replace

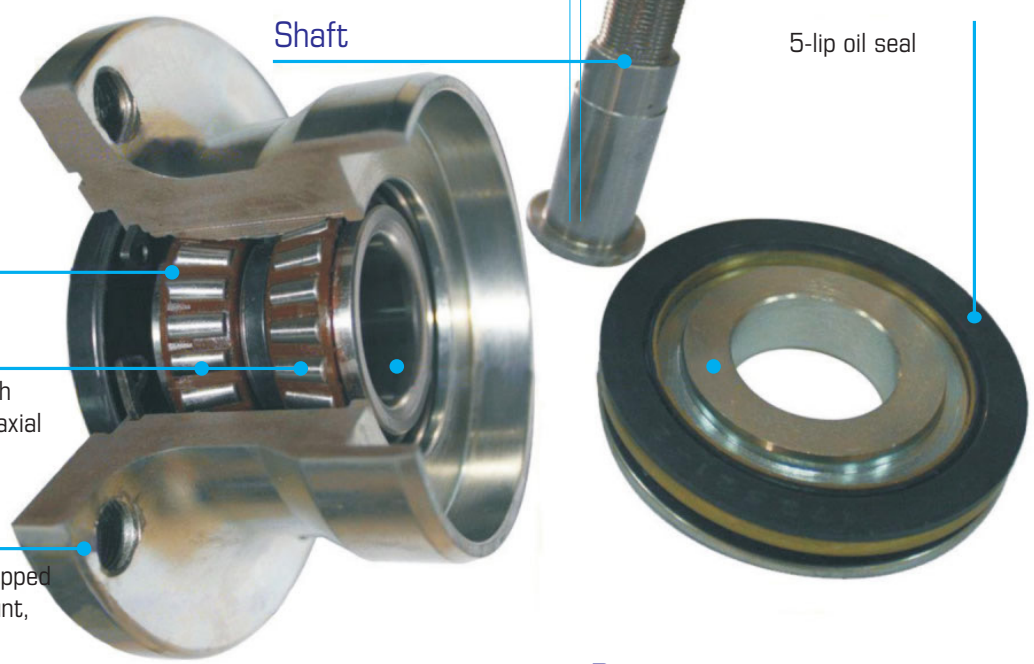
## Protection Specification

### Retainer

Self-lubrication and good performance of resisting corrosion, toughness, impact and abrasion

### Shaft

5-lip oil seal



Double row roller bearing Enable high carrying capacity in both radial and axial direction

Flanged outer ring Pre-drilled and tapped to accommodate a disc Easy to mount, easy to replace

Inner ring to fit with a threaded stub shaft Easy mounting onto almost any implement arm

### Protection cap

Anti-contamination cap for disc replacement Prevent mud and protect the oil seal

## Agricultural Hub Unit List

Designation	Attachment holes in outer ring	Shaft	Outer Dia
NPB-H001104	4×M12×1.25	Not	175mm
NPB-H002140	5×M12×1.25	Not	145mm
NPB-H005098	4×M12×1.25	Included	117mm
NPB-H006098	4×M12×1.25	Included	117mm
NPB-H007098-A	4×M12×1.25	Included	117mm
NPB-H007098-A5	5×M12×1.25	Included	117mm
NPB-H007098-A6	6×M12×1.25	Included	117mm
NPB-H008097	3×M12×1.75	Included	117mm
NPB-H009106	3×M12×1.75	Included	127mm
We can make outer dia for AHU	80mm--1800mm		

## Agricultural Hub Units: NPB-H001104



Product Name	Agricultural Hub Units
Product No.	NPB-H001104
Axial Clearance	0.005-0.025mm
Cr	45KN
Cor	39KN
Grease Type	MULTEMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	One million turns for usual

No pollutant or water through the inner oil seal in 1000h

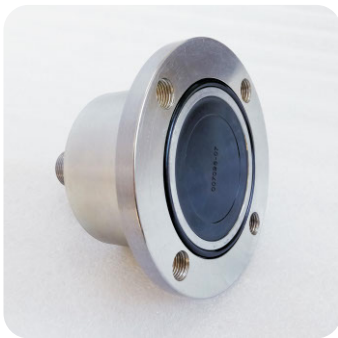
-10°C ~ +60°C

## Agricultural Hub Units: NPB-H002140

Product Name	Agricultural Hub Units
Product No.	NPB-H002140
Axial Clearance	0.005-0.025mm
Cr	61.4KN
Cor	51.5KN
Grease Type	MULTEMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	One million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C ~ +60°C



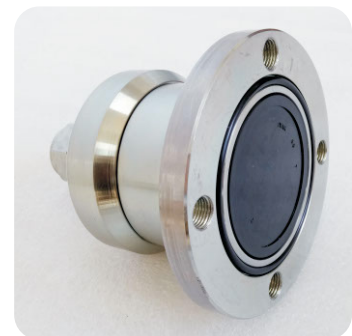
## Agricultural Hub Units: NPB-H005098



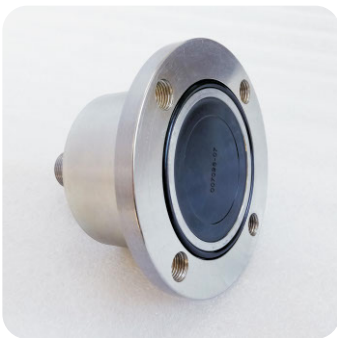
Product Name	Agricultural Hub Units
Product No.	NPB-H005098
Axial Clearance	0.005-0.025mm
Cr	48KN
Cor	39KN
Grease Type	MULTEMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	≥One million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C ~ +60°C

## Agricultural Hub Units: NPB-H006098

Product Name	Agricultural Hub Units
Product No.	NPB-H006098
Axial Clearance	0.025-0.049mm
Cr	61KN
Cor	51KN
Grease Type	MULTEMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	≥One million turns for usual
	Rated Dynamic Load
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C ~ +60°C



## Agricultural Hub Units: NPB-H007098-A



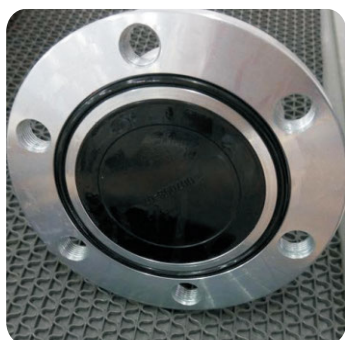
Product Name	Agricultural Hub Units
Product No.	NPB-H007098-A
Axial Clearance	0.005-0.025mm
Cr	44.6KN
Cor	34.6KN
Grease Type	MULTRMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	Two million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C~+60°C

## Agricultural Hub Units: NPB-H007098-A5

Product Name	Agricultural Hub Units
Product No.	NPB-H007098-A5
Axial Clearance	0.005-0.025mm
Cr	44.6KN
Cor	34.6KN
Grease Type	MULTEMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	Two million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C~+60°C



## Agricultural Hub Units: NPB-H007098-A6



Product Name	Agricultural Hub Units
Product No.	NPB-H007098-A6
Axial Clearance	0.005-0.025mm
Cr	44.6KN
Cor	34.6KN
Grease Type	MULTRMP AF-1
Surface Galvanized	Fe/Zn12/P1
Fatigue Resistance	Two million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C ~ +60°C

## Agricultural Hub Units: NPB-H008097

Product Name	Agricultural Hub Units
Product No.	NPB-H008097
Reaiial Clearance	0.005-0.012mm
Cr	40.7KN
Cor	28.1KN
Lubricating Oil Type	SAE80/90 CL-5
Surface Galvanized	3+Cr
Fatigue Resistance	≥One million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C ~ +60°C



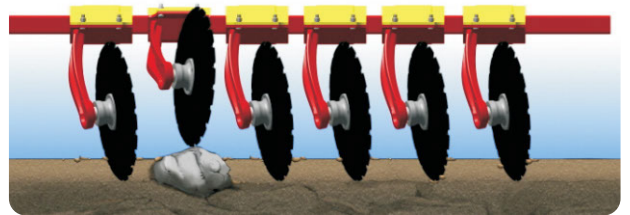
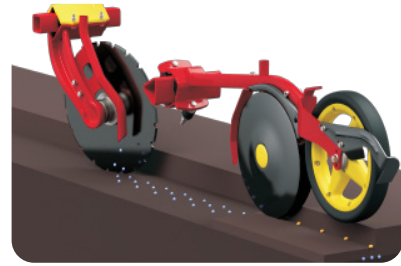
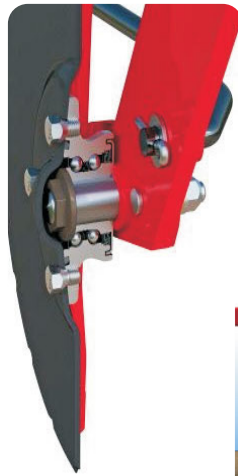


## Agricultural Hub Units: NPB-H009106

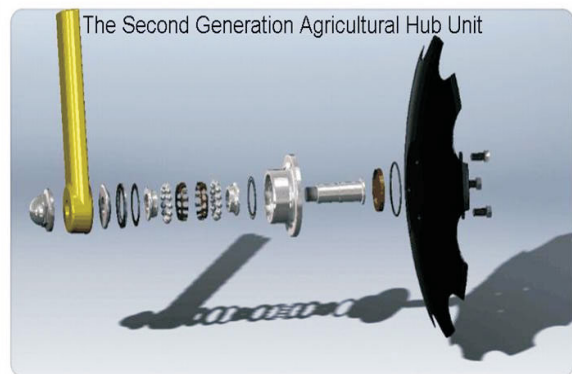
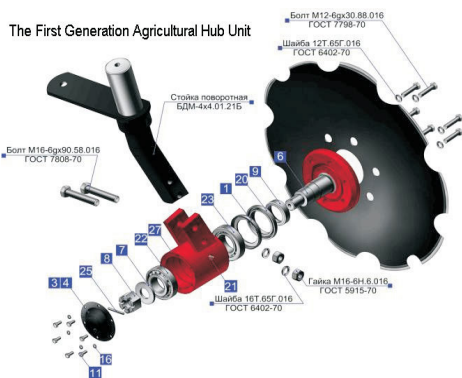
Product Name	Agricultural Hub Units
Product No.	NPB-H009106
Radial Clearance	0.005-0.013mm
Cr	49.4KN
Cor	36.2KN
Lubricating Oil Type	SAE80/90 CL-5
Surface Galvanized	3+Cr
Fatigue Resistance	≥One million turns for usual
Waterproof	No pollutant or water through the inner oil seal in 1000h
Working Temperature	-10°C~+60°C

## HUB UNIT Applications

- Tillage Cultivator discs
- Seeding/coulter discs
- Opener discs
- Closing discs



## Our Advantages



### For manufacturer

- Higher product quality and reliability;
- Improve productivity efficiency;
- Supports sustainability efforts

### For end user

- Long service life;
- Increase farm productivity
- Relubrication-free and reduce environmental impact
- Easy to install and replace

QCB Bearings are exclusively distributed by

**NBC Group Ltd**

Unit D, Stafford Park 18, Telford, TF3 3BN, England

T:+44 (0)1952 222300 E:telford@nbcgroup.co.uk

**NBC Belfast**

20 Ravenhill Road, Belfast, BT6 8EA, Northern Ireland

T:+44 (0)2890 732321 E:belfast@nbcgroup.co.uk

[www.nbcgroup.co.uk](http://www.nbcgroup.co.uk)



**Newtown Bearing Company**

(The Trade Sales Division of NBC Group Ltd)

Unit D, Stafford Park 18, Telford, TF3 3BN, England

T:+44 (0)1952 222400 E:saales@newtownbearings.co.uk

[www.newtownbearings.co.uk](http://www.newtownbearings.co.uk)