



**KG** International

NTN® KBC KG® Bonfiglioli HIWIN®

YOUR ENGINEERING SOLUTION PARTNER



**KG** International

MOVING THE WORLD



KG International FZCO  
P.O. Box 17122, Jebel Ali Free Zone, Dubai  
United Arab Emirates  
T: +971 4 8815547 | F: +971 4 8816423 / 8818509  
[www.kginternational.com](http://www.kginternational.com)

ISO CERTIFIED COMPANY  
EUROPE | DUBAI | INDIA



**KG** AGRI HUB  
BEARINGS



STRENGTH | ENDURANCE | STABILITY



### APPLICATION DESCRIPTION

The Agriculture Hub is an easy fit compact and integrated solution for agricultural equipment, which is greased and sealed. The hub unit consists of a flanged outer ring that is pre-drilled and taped to accommodate the disc and an inner ring which is fitted with a threaded stub shaft to enable easy mounting on virtually any implement arm.

### Main features

- Optimized interior design
- High capacity bearing with rigid design to withstand shock loads
- High performance sealing to prevent dust, snow, mud, water
- Corrosion resistant to fertilizers and jet cleaning
- Angular Contact Ball Bearings with split inner ring
- Anti-contamination cap for the disc replacement
- Designed to be maintenance free and fit the customer's equipment

### Benefits

- Increases agricultural productivity
- Reduction in the number of components to be handled for procurement
- Easy mounting
- Long service life
- Optimized seal design
- Higher contact angle for higher axial load
- Flanged bearing fitted as per customer's requirement
- Better market image and sustainability in the market
- Lubrication is not required

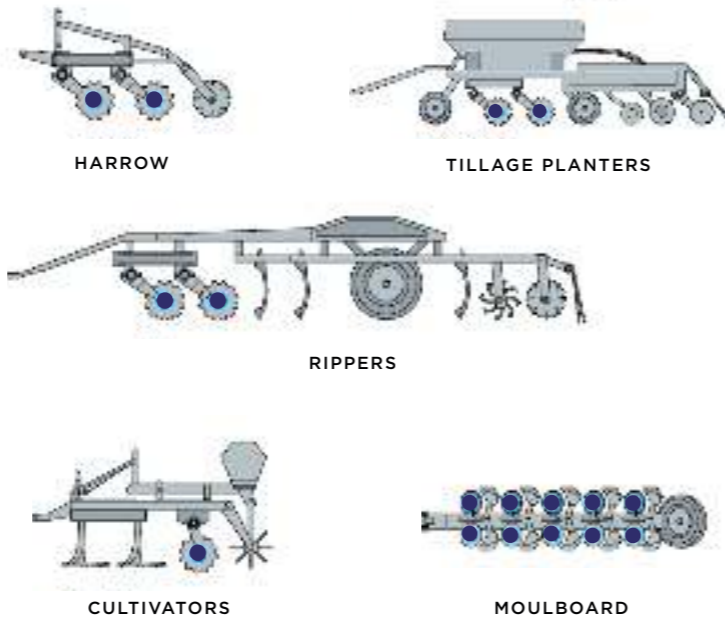
### Typical application conditions

High contamination, high load, corrosive and severe working environments with prevalence of mud, fertilizer, dust, snow, water, cleaning, stones, strings and straw.

- Tractor speed: 5-20 km/h
- Disc diameter: 300 ~ 800 mm
- Disc speed: 90-350 rpm
- Temperature range: -20 to + 50 °C
- Loading: maximum 3 kN (applied on top of the disc)

### Mounting instructions

- Screws mounting torque: 100 Nm
- Nut torque: 300 Nm
- Self-locking nut



## TECHNICAL DATA

KG AGRI HUB PART NOS.	EQUIVALENT TO	NO. HOLES	DIMENSION										Basic Load Rating	
			D	d1	J	A	B	E	G1	G	H	C Dynamic	C1 Dynamic	
			mm (inch)										kN (lbf)	kN(lbf)
AH-0001	BAA-0001	4	117	28	98	60	105	17	M12x 1.25	M22x 1.50	2.5	44.9	34	*
AH-0002	BAA-0002	4	4.6063	1.1024	3.8583	2.3622	4.1338	0.6693	1/2"-20	7/8"-14	0.0906	10 100	7 640	**
AH-0003	BAA-0003	4	117	28	98	60	-	-	M12x 1.25	-	2.5	47.7	37.5	***
AH-0004	BAA-0004	4	117	28	98	60	105	17	M12x 1.25	M22x 1.50	2.5	47.7	37.5	
AH-0005	BAA-0005	4	117	28	98	60	105	17	M12x 1.25	M24x 1.50	2.5	47.7	37.5	
AH-0006	BAA-0006	6	117	28	98	60	105	17	M12x 1.25	M22x 1.50	2.5	47.7	37.5	
AH-0012	BAA-0012	5	117	28	98	60	105	17	M12x 1.25	M22x 1.50	2.5	47.7	37.5	
AH-0013	BAA-0013	6	117	28	98	60	105	17	M12x 1.25	M24x 1.50	2.5	47.7	37.5	

\* In Metric Series \*\* Imperial Series \*\*\* Without shaft

