

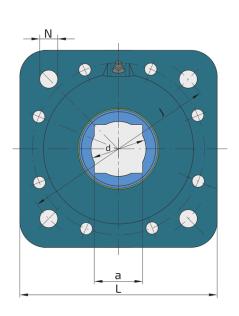
# **Square Series**

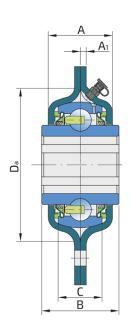
# **GWST 211PPB40.X1**

**Square Series** 

Disc Harrow









## **Technical Specification**

| d       Bore diameter       45.5 mm         B       Width inner ring       55.55 mm         C       Width outer ring       25 mm         a       Shaft size       1.545 inch         a       Shaft size       39.25 mm         Da       Centering diameter       113 mm         L       Overall length       140 mm         A       Distance from the housing flange to the front of the inner ring of the bearing       44.7 mm         A1       Width of the top of the housing       4 mm         J       Pitch circle diameter       140 mm         N       Diameter of attachment slot       13.5 mm         Fr       Radial load       9.8 kN         Fa       Axial load       5.1 kN         kg       Mass       2.45 kg         Cdyn       Dynamic load rating       43.5 kN         Co       Static load rating       29 kN         Pu       Fatigue load limit       1.218 kN   | d    | Bore diameter  | 1.791 inch |
|--|------|--|------------|
| C       Width outer ring       25 mm         a       Shaft size       1.545 inch         a       Shaft size       39.25 mm         Da       Centering diameter       113 mm         L       Overall length       140 mm         A       Distance from the housing flange to the front of the inner ring of the bearing       44.7 mm         A1       Width of the top of the housing       4 mm         J       Pitch circle diameter       140 mm         N       Diameter of attachment slot       13.5 mm         Fr       Radial load       9.8 kN         Fa       Axial load       5.1 kN         kg       Mass       2.45 kg         Cdyn       Dynamic load rating       43.5 kN         Co       Static load rating       29 kN  | d    | Bore diameter  | 45.5 mm    |
| a Shaft size 1.545 inch a Shaft size 39.25 mm Da Centering diameter 113 mm L Overall length 140 mm A Distance from the housing flange to the front of the inner ring of the bearing 44.7 mm A1 Width of the top of the housing 140 mm J Pitch circle diameter 140 mm N Diameter of attachment slot 13.5 mm Fr Radial load 9.8 kN Fa Axial load 5.1 kN kg Mass 2.45 kg Cdyn Dynamic load rating 43.5 kN Co Static load rating 2.9 kN  | В    | Width inner ring   | 55.55 mm   |
| aShaft size39.25 mmDaCentering diameter113 mmLOverall length140 mmADistance from the housing flange to the front of the inner ring of the bearing44.7 mmA1Width of the top of the housing4 mmJPitch circle diameter140 mmNDiameter of attachment slot13.5 mmFrRadial load9.8 kNFaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN  | С    | Width outer ring   | 25 mm      |
| DaCentering diameter113 mmLOverall length140 mmADistance from the housing flange to the front of the inner ring of the bearing44.7 mmA1Width of the top of the housing4 mmJPitch circle diameter140 mmNDiameter of attachment slot13.5 mmFrRadial load9.8 kNFaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN   | a    | Shaft size   | 1.545 inch |
| LOverall length140 mmADistance from the housing flange to the front of the inner ring of the bearing44.7 mmA1Width of the top of the housing4 mmJPitch circle diameter140 mmNDiameter of attachment slot13.5 mmFrRadial load9.8 kNFaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN   | a    | Shaft size   | 39.25 mm   |
| A Distance from the housing flange to the front of the inner ring of the bearing A1 Width of the top of the housing A2 Pitch circle diameter A3 Diameter of attachment slot A4 mm A5 Diameter of attachment slot A6 Diameter of attachment slot A7 Diame | Da   | Centering diameter   | 113 mm     |
| A1Width of the top of the housing4 mmJPitch circle diameter140 mmNDiameter of attachment slot13.5 mmFrRadial load9.8 kNFaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN  | L    | Overall length   | 140 mm     |
| JPitch circle diameter140 mmNDiameter of attachment slot13.5 mmFrRadial load9.8 kNFaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN   | Α    | Distance from the housing flange to the front of the inner ring of the bearing | 44.7 mm    |
| N Diameter of attachment slot 13.5 mm Fr Radial load 9.8 kN Fa Axial load 5.1 kN kg Mass 2.45 kg Cdyn Dynamic load rating 43.5 kN Co Static load rating 29 kN  | A1   | Width of the top of the housing  | 4 mm       |
| Fr         Radial load         9.8 kN           Fa         Axial load         5.1 kN           kg         Mass         2.45 kg           Cdyn         Dynamic load rating         43.5 kN           Co         Static load rating         29 kN  | J    | Pitch circle diameter  | 140 mm     |
| FaAxial load5.1 kNkgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN   | N    | Diameter of attachment slot  | 13.5 mm    |
| kgMass2.45 kgCdynDynamic load rating43.5 kNCoStatic load rating29 kN   | Fr   | Radial load  | 9.8 kN     |
| CdynDynamic load rating43.5 kNCoStatic load rating29 kN  | Fa   | Axial load   | 5.1 kN     |
| Co Static load rating 29 kN  | kg   | Mass   | 2.45 kg    |
|  | Cdyn | Dynamic load rating  | 43.5 kN    |
| Pu Fatigue load limit 1.218 kN   | Со   | Static load rating   | 29 kN      |
|  | Pu   | Fatigue load limit   | 1.218 kN   |



### Sealing

#### RUBBER PLUG + T SEAL / T SEAL + RUBBER PLUG

3-lip seal seal on both sides provide long lasting protection of the bearing against the penetration of contaminants. Rubber plugs are protecting the area between the bearing and sheet metal housing.

