

Data Sheet

Profi-Hub is the perfect solution for today's machinery demands.

Profi-Hub

moveero

Designed by our specialist moveero engineers, the new Profi-Hub series combines increased carrying capacity, combined with improved servicing and performance.

With an extensive range of Hubs, Spindles and other components in its portfolio, moveero has been leading the way with the design and manufacture of hub systems.

moveero's known hub ranges— 871, 873, 881, 891, 981 and 991- have been re-designed to reflect today's more demanding market requirements and offer improved features and capabilities with much greater value to customers.

The Profi-Hub range offers three primary areas of improvement.

1. Increased Carrying Capacity

- Capable of load requirements up to 25,400lbs.
- Carbon footprint has improved by 30lbs of CO₂ per hub.

2. Improved Bearing Performance

- The re-designed hub has been tested to demonstrate a remarkable 2.5x bearing improvement, with a design patent registered on the new shaped hub.

3. Improved Servicing

- The recessed grease fitting reduces the risk of damage while in use.
- A press-on style hub cap on the 286, simplifies the serviceability. A simple pry tool is all that is required to remove the cap.
- The 286 is also available with a bolt on option, which is standard on the 335 series.

Highlights

- Innovative design solution
- Patented shape increased bearing life by 2.5x
- Increased strength E load capacity
Improved serviceability of the hub assembly
- Recessed grease fitting to reduce field damage and improve fitting access



10 bolt holes – 11.25" (285.75mm) bolt circle diameter – 8.66" (220 mm) pilot diameter

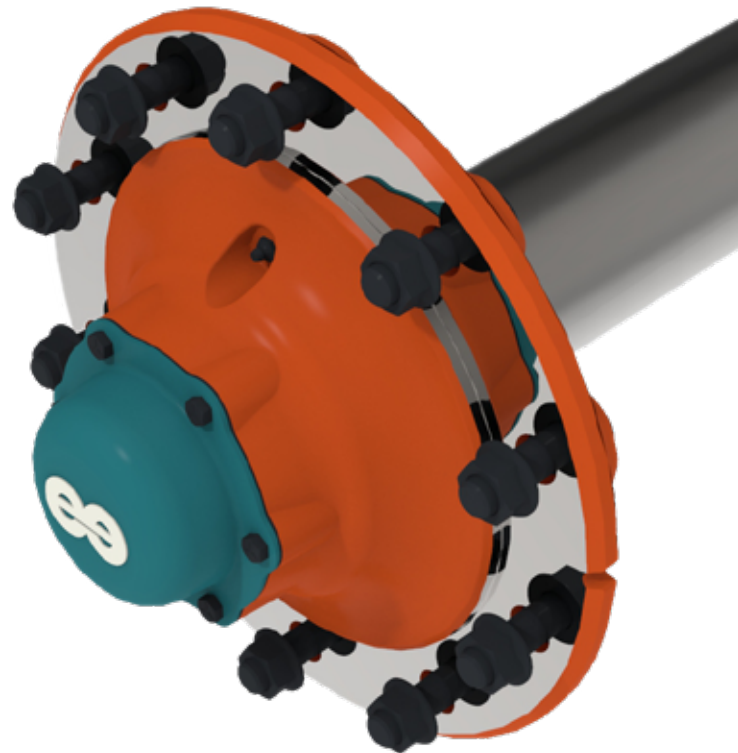
Part number	Load capacity		Inner bearing set			Outer bearing set			Brake option	Fastener type		
	Lbs	Kg	Cup	Cone	Bore Dia (in)	Cup	Cone	Bore Dia (in)		3/4" stud	20mm stud	20mm bolt
169A286-2001	12,800	5,800	39520	39585	2.5	453A	460	1.75	No	Std	Opt	Opt
169B286-2001	12,800	5,800	39520	39585	2.5	453A	460	1.75	YES	Std	Opt	Opt
176A286-2001	15,700	7,100	33462	33275	2.75	453A	460	1.75	No	Std	Opt	Opt
176B286-2001	15,700	7,100	33462	33275	2.75	453A	460	1.75	YES	Std	Opt	Opt

10 bolt holes – 13.118" (333.20mm) bolt circle diameter – 11.05" (281 mm) pilot diameter

Part number	Load capacity		Inner bearing set			Outer bearing set			Brake option	Fastener type		
	Lbs	Kg	Cup	Cone	Bore Dia (in)	Cup	Cone	Bore Dia (in)		3/4" stud	m22 stud	m22 bolt
193A335-2001	25,400	11,500	HM21820	HM218248	3.54	HM212011	HM212049	2.62	No	Std	Opt	Opt
193B335-2001	25,400	11,500	HM21820	HM2182	3.54	HM21	HM212	2.62	YES	Std	Opt	Opt

Customizable Items include:

- Enhanced seal—cartridge seal
- Grade 8 strength level stud or wheel bolts
- Various nut options
- Designed for 20,000 miles at 20 mph nominal speed
- Bearing sets packed with, high quality lithium grease
- Assemblies available in a brake and non brake version
- 169B and 176B brake version includes: 6 hole-8.25" (209.6mm) bolt circle and 6.00" (152.4mm) pilot diameter
- 194B brake version includes: 6 hole – 9.50" (241.3mm) bolt circle and 7.00" (177.8mm) pilot diameter



For more information or to discuss your own specific requirements, contact us on sales@moveero.com

Further information about Profi-Hub and our other products can be found at www.moveero.com