AGV
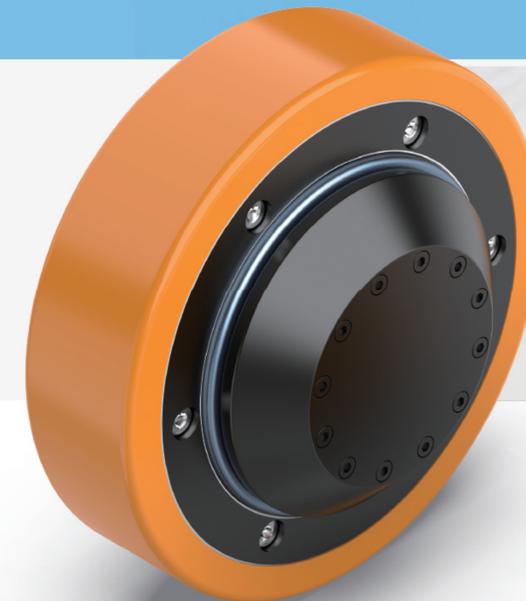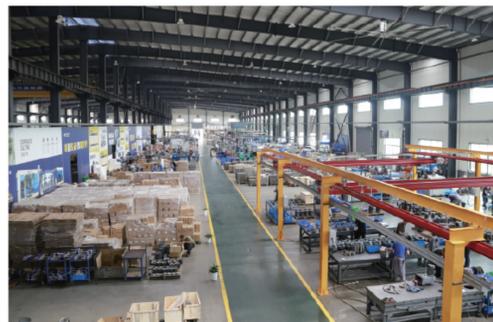
- Widely used in heavy-duty AGV, crawler type walking system
- Low noise,high torque,strong radial bearing capacity
- Compact structure,easy to install
- Customizable production

Area	Employees	R&D Offices	Equipment	Certificates	Patents
120,000 sqm	**800+**	**Japan\ShenZhen\ChangSha**	**300+**	**CE\SGS ISO9001**	**80+**

Wanshsin Seikou (Hunan) Co., Ltd

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Web: www.wanshsindrive.com
Add: WANSHSIN Industrial Park, Ningxiang Hi-tech Zone, Changsha City, Hunan Province, China

committed to building a world-class intelligent electromechanical brand

WANSHSIN®

Direct Installation

the reducer can be installed directly on the vehicle without additional adapters.

Save Space

the reducer is almost completely surrounded by the matching wheels to save space.

High Load-bearing Capacity

the roller bearings design can withstand high radial forces.
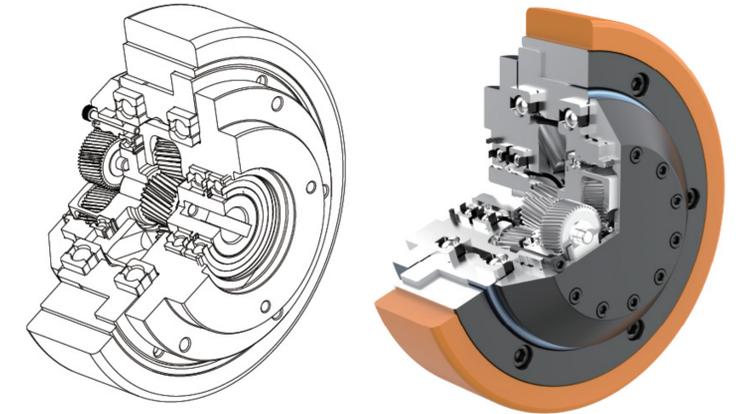
Adapted to Various Motors

with a variety of different motor adapters, it can be assembled on almost any type of motor, or even directly installed on motor.

Highly Efficient & Reliable

highly efficient, permanently lubricated, maintenance-free and reliable on continuous operation.
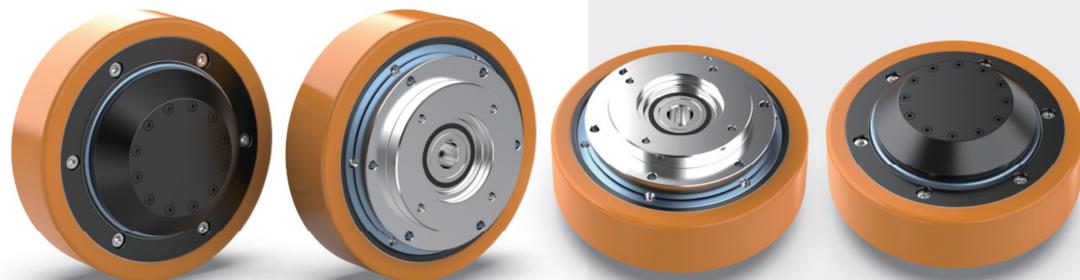
WGV Series Special for Hub Planerary Gearbox Technical Data

Model		WGV100	WGV115	WGV135	WGV160	Ratio	Stage
Rated Output Torque	Nm	75	100	135	360	2	1
		87	115	250	440	3	
		93	120	230	520	4	
		87	114	170	480	5	
		81	105	130	430	6	
		69	90	105	400	7	
		63	82	100	320	9	
		75	100	135	360	14	2
		75	100	135	360	16	
		75	100	135	360	18	
		75	100	135	440	20	
		87	115	250	440	21	
		87	115	250	440	24	
		93	120	230	440	28	
		87	115	250	520	30	
		93	120	230	520	32	
		93	120	230	520	40	
Max Radial Force	N	4000	8000	10000	12000		
Full Loading Efficiency	%			95			
				93			
Average Lifetime	h			15000			
Noise[1]	dB(A)	58	60	63	65		
Max Input Speed[2]	min^{-1}	6000	6000	6000	6000		
Rated Input Speed[2]	min^{-1}	3000	3000	3000	3000		

The subscript "1" sound in n1=3000min^{-1},measured at 1m.The subscript "2" the environment temperature is 20°C.
PS:Gearbox input and output rotation direction opposite.