

Parallel Shaft Helical Gear Reducers

- **Universal compatibility with NEMA C-face motors simplifies retrofitting**
- **Hollow bore output allows direct connection to the shaft so a coupling is not required.**
- **Dimensional drop-in for most major European “F-series” reducer brands— support your installed base**
- **Box sizes: 37 – 97 | Power Lock 87 – 97**
- **Speed ratio: 4:1 – 110:1 | Power Lock 7:1 – 110:1**
- **Horsepower: 1/4 - 25 hp | Power Lock 3/4 - 25 hp**
- **Two-year warranty**

Construction

- NEMA quill input design allows you to replace a motor or gear reducer separately if either fails.
- Flanges designed to accept NEMA C-face motors
- Heavy duty FCD45 cast iron housing for strength and reliability.
- A.G.M.A. 11 & 12 rated, SCM415 pinion gears - Precision machined for quieter operation and superior strength.
- Embedded, double-lipped seals on shafts and hubs keep oil in and contaminants out.
- Pre-filled with HD320 Mineral Oil for M1 mounting position.
- Gears supported by generously sized precision ball and tapered bearings
- Power lock provides a secure connection, removes the need for key alignment, reduces seizing and simplifies installation and removal. **Power lock bushing include on PL models.**

Industrial Grade Accessories



Single Output Shaft



Single Output Shaft with B5 Flange



Screw Conveyor Drive Shafts



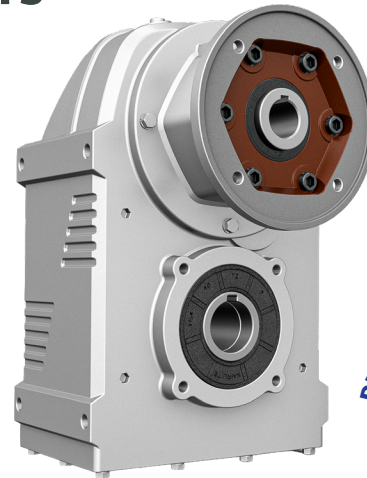
B5 Output Flange



B14 Output Flange



Screw Conveyor Flange



MORE INFO

FHN Series



Model Number Selection[‡]

Example: FHN47-10/1-143TC or FHN87-90/1-2546TC

Box Size	Nominal Ratio		Motor Frame	Power Lock
37	5:1	45:1	56C	PL
47	6:1	50:1	143TC	
57	7:1	60:1	143/5TC	
67	7.5:1	60:1	145TC	
77	10:1	65:1	182TC	
87	15:1	70:1	182/4TC	
97	20:1	80:1	213TC	
	30:1	85:1	213/5TC	
	40:1	90:1	254TC	
		95:1	254/6TC	
		100:1	284TC	
		110:1	284/6TC	

[‡] Not all combinations indicated by the table(s) may be possible.



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