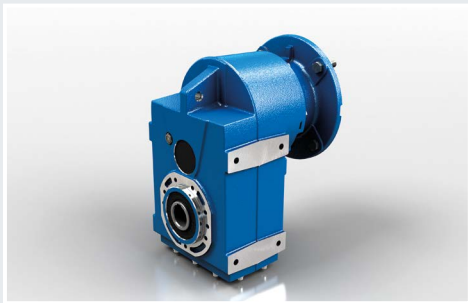


Shaft-mounted gear reducers

Features

Specifically designed for applications involving conveyors or augers, these units are also suitable for a wide variety of industrial fields. S-series shaft-mounted gear reducers, available in cast iron casing only, sizes from 052 to 123, offer a **large range** of reduction ratios and are **fully efficient** in any working conditions.



S Fitted for motor coupling

PS Coupling with flexible coupling



CS With compact motor



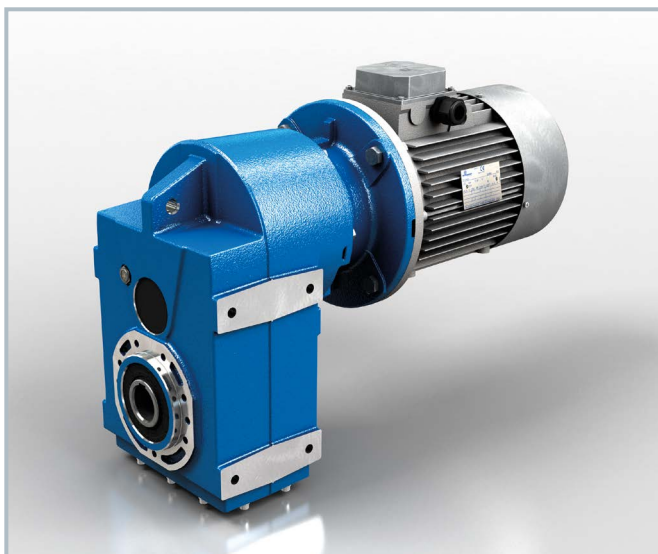
IS With input shaft

Sizes:

050-060-080-100-125

- Universal casing
- Versions:
 - S... C Foot-flange mounting / Hollow shaft
 - S... D Foot-flange mounting / Solid shaft
 - S... L Foot-flange mounting / Shrink disc shaft
- Gearing with 2 and 3 reduction stages
- Gears hardened and tempered with shaved or ground profile
- Cases in G200 grey cast iron for high strength and optimized with FEM analysis
- Excellent mechanical strength
- Load capacity calculated to ISO 6336 and verified according to AGMA 2001
- Painted with RAL 5010 blue epoxy-polyester powder according to DIN 1843
- ATEX versions available 2GD/3GD

Range



	*Ø [mm]	Output Torque M ₂ [Nm]	Ratio	
		Max	Min	Max
S050	30	350	8,63	314,21
S060	35	600	8,00	267,16
S080	40 - 45	1.000	7,34	360,58
S100	45 - 50	1.600	8,06	394,69
S125	55 - 60	3.000	8,48	238,93

* The diameter of the low speed shaft can change according to the number of stages of the gear reducer

- Power from 0,12 kW up to 30 kW with three phase 4 pole motors
- Reduction ratios between 7,34 and 394,69
- Torque max 3.000 Nm
- Admissible radial loads max 30.000 N

Accessories



OutputFlange



FA

FB - FC

	FA	FB	FC
S050	•	•	/
S060	•	•	/
S080	•	•	•
S100	•	•	•
S125	•	•	•

- Available
- / Not Available

OutputShaft



Single output shaft

OtherAccessories

- Torque arm
- Shrink disk
- Backstop device
- Assembly/disassembly kit
- Reinforced output



a TECO Group company

WORLDWIDE



Subsidiaries

Germany

France

Spain

United Kingdom

Denmark

USA

China

India



Italy

Australia

Benelux

Bulgaria

China

Finland

France

India

Ireland

Israel

Lithuania

Malaysia

Netherlands

Poland

Portugal

South Korea

Spain

Sweden

Thailand

Turkey

United Kingdom

Ukraine

USA

www.motovario.com

