



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 M2 [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

WORLDWIDE



WEST
1-800-661-4023

TECO   **Westinghouse**
MOTORS (CANADA) INC.
tecowestinghouse.ca

C GR-SS 01-16
EAST
1-800-268-4770