



Shaft-mounted gear reducers

TECO   **Westinghouse**

www.tecowestinghouse.com

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:

050-060-080-100-120

- 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 [in]	Output Torque in-lbs	Ratio	
		Max	Min	Max
S050	1.25	3097	8,63	314,21
S060	1.375	5309	8,00	267,16
S080	1.5	8848	7,34	360,58
S100	2	14.157	8,06	394,69
S125	2.375	26.544	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 0.16 HP up to 40 HP with three phase 4 pole motors
- Reduction ratios between 7.34 and 394.69
- Torque max 26.544 in-lbs
- Admissible overhung load max 6744 lbf

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

GLOBAL PRESENCE



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