



Shaft-mounted Gear reducers

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 050 to 150, offer a large range of reduction ratios and are fully efficient in any working conditions. **The new S Series includes two new sizes, 140 and 150**, to extend the shaft mounting to heavier applications.

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
- Modularity
- Gears hardened and tempered with shaved or ground profile
- Cases in EN-GJL-200 grey cast iron for high strength and optimized with FEM analysis
- Excellent mechanical strength
- Load capacity calculated to ISO 6336, DIN 3990 and AGMA 2001
- Painted with RAL 5010 blue epoxy-polyester powder
- ATEX versions available 2GD/3GD

SIZES:

140-150

- Universal casing
- Versions:
 - S... C Foot-flange mounting / Hollow shaft
 - S... L Foot-flange mounting / Shrink disc shaft
- Gearing with 2 and 3 reduction stages
- Gears hardened and tempered with ground profile
- Cases in EN-GJL-200 grey cast iron
- Load capacity calculated to ISO 6336, DIN 3990 and AGMA 2001
- Gearboxes supplied without lubricant
- Painted with RAL 5010 blue epoxy-polyester powder



S 050-060-080-100-125



S 140-150

	*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
S140	65-70	4.800	4,11	273,41
S150	80-90	9.500	4,06	253,35

* 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 45 kW with three phase 4 pole motors
- Reduction ratios between 4,06 and 394,69
- Nominal torque 9.500 Nm
- Admissible radial loads max 30.000 N

NEW

- Reinforced input flanges for big cast iron motors
- Increased torsional rigidity thanks to the new cast iron inspection cover
- Metal plate for aggressive environments
- Oil-free gearbox to allow the most suitable choice of lubricant for every application requirement

n ₂ (rpm)	Viscosity index	
	Mineral oil	Synthetic oil
	0 ÷ +40 [°C]	-10 ÷ +50 [°C]
> 210	150	150
210 ÷ 20	150	220
20 ÷ 5	220	320
< 5	320	460

ACCESSORIES



OUTPUT FLANGES



FA



FB-FC



FG

	FA	FB	FC	FG
S050	•	•	-	-
S060	•	•	-	-
S080	•	•	•	-
S100	•	•	•	-
S125	•	•	•	-
S140	-	-	-	•
S150	-	-	-	•

- Available
- Not available

OTHER ACCESSORIES

	S050-S125	S140-S150
Double solid output shaft	-	•
Single solid output shaft	•	•
Torque arm	-	•
Reaction bolt	•	•
Shrink disk	•	•
Backstop device	•	•
Assembly/disassembly kit	•	-
Reinforced output seals	•	-
Viton seals	•	•

- Available
- Not available



S 050-125
Fitted for motor coupling (IEC)
PS 050-125
Fitted for motor coupling
(IEC/NEMA) with elastic joint



S 140-150
Fitted for motor coupling
(IEC/NEMA)



CS 050-125
With compact motor (IEC)



S 140-150
With motor (IEC)



IS 050-125
With input shaft



IS 140-150
With input shaft

SALES NETWORK



SUBSIDIARIES



DEALERS



EUROPE



NORTH AMERICA



ASIA



OCEANIA



SOUTH AMERICA



AFRICA

