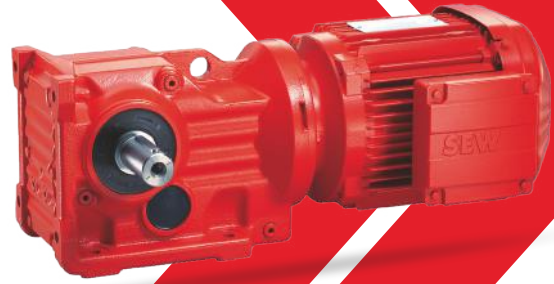


# Gearmotors



## POTENTIAL USES / TYPICAL APPLICATIONS



**Horizontal materials handling technology**  
Roller conveyor, chain conveyor, belt conveyor



**Vertical materials handling technology**  
Hoist



**Materials handling technology with changes of direction**  
Turntable, trolley

## THE ADVANTAGES AT A GLANCE



**Flexible!**

Can be adapted to your requirements and needs



**Skalierbar!**

- Speed and force
- torque
- power as required, taking into account overload
- safety factors



**Durable!**

Thanks to high-quality wear components and intelligent/innovative designs



**Available!**

Worldwide – allowing you to take into account laws and regulations in your planning early on

## OVERVIEW OF TECHNOLOGY



Gear units	Helical gear units (R..)		Parallel-shaft helical gear units (F..)		Helical-bevel gear units (K..)		Helical-worm gear units (S..)		SPIROPLAN® gear units (W..)		3 ~ motors				
	Flow of force	Axial		Angular		Angular		Angular		Angular		Number of poles			
Type	RX..7 (single-stage)	-		K..9 (two-stage)		S..7 (two-stage)		W..0 (single-stage)		Type		DRN...: 30 sizes 63 – 315			
	6 sizes 57 – 107			4 sizes 19 – 49		7 sizes 37 – 97		3 sizes 10 – 30		NEW		DR2S...: 21 sizes 56 – 225			
Maximum output torque Nm	R..7 (two-/three-stage)	F..7 (two-/three-stage)		K..7 (three-stage)		NEW S..7p (two-stage)		W..9 (two-/three-stage)		Power kW		DRN...: 0.09 – 200			
	14 sizes 07 – 167	11 sizes 27 – 157		12 sizes 37 – 187		7 sizes 37p – 97p		4 sizes 19 – 49		NEW		DR2S...: 0.09 – 45			
	RX..7: 69 – 830	-		K..9: 80 – 500		-		W..0: 30 – 69							
Reduced backlash	R..7: 50 – 20000	F..7: 120 – 20000		K..7: 200 – 53000		S..7: 92 – 4000		W..9: 80 – 400		Frequency Hz		50, 60, 50/60			
	-	-		-		NEW S..7p: 105 – 4300		-							
Gear unit ratio i	R..7: yes	F..7: yes		K..7: yes		-		-		IE class		DRN...: IE3 (Premium)			
	RX..7: 1.30 – 8.65	-		K..9: 2.81 – 75.20		-		W..0: 6.57 – 75.00				DR2S...: IE1 (Standard)			
Double gear unit ratio i	R..7: 3.21 – 289.74	F..7: 3.77 – 281.71		K..7: 3.98 – 197.37		S..7/S..7p: 3.97 – 288.00		W..9: 4.68 – 210.49							
	-	-		K..9 R..7: 75 – 7137		-		-							
	R..7 R..7: 90 – 27001	F..7 R..7: 87 – 31434		K..7 R..7: 94 – 32625		S..7/S..7p R..7: 110 – 33818		W..9 R..7: 72 – 4815							

