ALL-PUMPS

PRODUCT BRIEF

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			Number of poles	2	4	6	8
Type	RX..7 (single-stage) 6 sizes 57 – 107	–	K..9 (two-stage) 4 sizes 19 – 49	S..7 (two-stage) 7 sizes 37 – 97	W..0 (single-stage) 3 sizes 10 – 30	Type	DRN..: 30 sizes 63 – 315			
	R..7 (two-/three-stage) 14 sizes 07 – 167	F..7 (two-/three-stage) 11 sizes 27 – 157	K..7 (three-stage) 12 sizes 37 – 187	NEW S..7p (two-stage) 7 sizes 37p – 97p	W..9 (two-/three-stage) 4 sizes 19 – 49	NEW	DR2S..: 21 sizes 56 – 225			–
Maximum output torque Nm	RX..7: 69 – 830	–	K..9: 80 – 500	–	W..0: 30 – 69	Power kW	DRN..: 0.09 – 200			
	R..7: 50 – 20 000	F..7: 120 – 20 000	K..7: 200 – 53 000	S..7: 92 – 4000	W..9: 80 – 400	NEW	DR2S: 0.09 – 45			
	–	–	–	NEW S..7p: 105 – 4300	–					
Reduced backlash	R..7: yes	F..7: yes	K..7: yes	–	–	Frequency Hz	50, 60, 50/60			
Gear unit ratio i	RX..7: 1.30 – 8.65	–	K..9: 2.81 – 75.20	–	W..0: 6.57 – 75.00	IE class	DRN..: IE3 (Premium)			
	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		DR2S..: IE1 (Standard)			
Double gear unit ratio i	–	–	K..9 R..7: 75 – 7137	–	–					
	R..7 R..7: 90 – 27 001	F..7 R..7: 87 – 31 434	K..7 R..7: 94 – 32 625	S..7/S..7p R..7: 110 – 33 818	W..9 R..7: 72 – 4815					

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WHAT CAN WE DO FOR YOU? CONTACT US HERE