

Product Selection Table

Gripping Modules

		Stoke per finger [mm]			Gripping force [N]			
		1-10	11-100	101-300	10-100	101-1000	1001-10000	10001-100000
Pneumatic 2-Finger Parallel Gripper								
DPG-plus	Page 440	2	25			110	5940	
JGP	Page 280	2.5	16			123	2210	
KGG	Page 86		10	60	45	540		
KTG	Page 78	4.5			13			
LGP	Page 162	2	13		26	1090		
MPG	Page 22	1	14		9	540		
PFH 30 - 50	Page 490		30	100		630	2950	
PFH 150 - 300	Page 506			150	300		2200	
PGB	Page 406	4	10		90	610		
PGF	Page 346		7.5	31.5		240	1900	
PGM	Page 370	2	15		30	1180		
PGN-plus	Page 180	2	45			123	21150	
PSH	Page 526		14	100		320	1760	
RH	Page 128	2.5	40		13	460		
SPG	Page 552			100				10000
Electric 2-Finger Parallel Gripper								
EGN	Page 1220		8	16		400	1000	
EVG	Page 1244		20	50	24	57		
LEG	Page 1268				281		1050	1500
MEG	Page 1204	6	10		40	175		
PEH	Page 1252		60	100		750	1800	
PG	Page 1236		34			200		
Pneumatic 3-Finger Centric Gripper								
DPZ-plus	Page 792	2	25			230	16500	
JGZ	Page 690	2.5	16			255	8480	
LGZ	Page 590	3	7			120	1470	
MPZ	Page 562	1	5		20	310		
PZB-plus	Page 746	2	3			340	5400	
PZN-plus	Page 600	2	35			255	35500	
Electric 3-Finger Centric Gripper								
EZN	Page 1278	6	10			500		
Pneumatic 4-Finger Centric Gripper								
PZV	Page 840	4	16			570	6900	
Gripper for Automatic Machine Operation								
GSW-B	Page 1310	2	10			140	5900	

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Gripping Modules

- Well suited
- Suitable in a special design (on request)
- Limited suitability

		Working environment						Typical areas of application									
		Normal, clean environment	Dirty environment I Grit	Dirty environment II Fine dust and fluids	Dirty environment III Aggressive fluids	High temperature range > 90 °C	Clean room	Machine tools	Material feed Component insertion	Assembly	Packaging	Electronics	Paintshop	Clean room/laboratory	Foundry	Food	
Pneumatic 2-Finger Parallel Gripper																	
DPG-plus	Page 440							●	●				●		●		
JGP	Page 280								●				●		●		
KGG	Page 86								●	●	●	●					
KTG	Page 78								●	●	●	●					
LGP	Page 162								●	●	●	●					
MPG	Page 22								●	●	●	●					
PFH 30 - 50	Page 490								●	●	●						
PFH 150 - 300	Page 506								●	●	●						
PGB	Page 406							●	●	●	●	●					
PGF	Page 346								●	●	●						
PGM	Page 370								●	●	●	●					
PGN-plus	Page 180							●	●	●	●	●			●		
PSH	Page 526							●	●	●	●						
RH	Page 128								●	●	●	●					
SPG	Page 552								●	●					●		
Electric 2-Finger Parallel Gripper																	
EGN	Page 1220								●	●	●	●					
EVG	Page 1244								●	●		●		●			
LEG	Page 1268								●	●	●			●			
MEG	Page 1204								●	●	●	●		●			
PEH	Page 1252								●	●		●					
PG	Page 1236								●	●		●		●			
Pneumatic 3-Finger Centric Gripper																	
DPZ-plus	Page 792							●	●				●		●		
JGZ	Page 690								●	●	●	●					
LGZ	Page 590								●	●	●	●					
MPZ	Page 562								●	●	●	●			●		
PZB-plus	Page 746							●	●	●	●	●			●		
PZN-plus	Page 600							●	●	●	●	●			●		
Electric 3-Finger Centric Gripper																	
EZN	Page 1278								●	●	●	●					
Pneumatic 4-Finger Centric Gripper																	
PZV	Page 840							●	●	●	●	●			●		
Gripper for Automatic Machine Operation																	
GSW-B	Page 1310							●									

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	Stroke per finger [mm]			Gripping force [N]			Torque [Nm]		
	1-5	6-10	11-20	1-200	201-300	301-400	0.0-1.0	1.1-2.0	2.1-3.0
Pneumatic Modular Gripping System									
KONEX Page 1096		5		100			0.9		
Pneumatic Gripper Swivel Modules									
with 2-Finger Parallel Gripper									
GSM-P Page 1116	4	10		39 162			0.3		2.9
with 3-Finger Centric Gripper									
GSM-Z Page 1136	3 5			55	310		0.3		2.7

	Opening angle [°]		Gripping moment [Nm]			Torque [Nm]		
	1-10	11-100	0.01-10	11-100	101-1000	0.0-1.0	1.1-2.0	2.1-3.0
Pneumatic Gripper Swivel Modules								
with 2-Finger Angular Gripper								
GSM-W Page 1152		20	0.46 5.6			0.3		2.9
with 2-Finger Radial Gripper								
GSM-R Page 1176			90	0.45 7.5		0.3		2.9

	Opening angle [°]		Gripping moment [Nm]			Torque [Nm]		
	1-10	11-100	0.01-10	11-100	101-1000	0.1-1.0	1.1-2.0	2.1-3.0
Pneumatic Angular Gripper								
LGW Page 932		20	0.22 11.2					
LMG Page 1292				90	8.2 31.5			
PWG Page 962		20	6.44		934.2			
PWG-S Page 946		20	5.98	50.82				
SGB Page 884		8	0.9 4.95					
SWG Page 900		15	0.01 - 2.8					
Pneumatic 3-Finger Angular Gripper								
SGW Page 996		8	1.35 7.45					
Pneumatic Radial Gripper								
DRG Page 1064				90	8.2 143			
LGR Page 1014				90	0.3 15			
PRG Page 1028		30 90	2		295			

- Well suited
- Suitable in a special design (on request)
- Limited suitability

	Ambient conditions							Typical areas of application							
	Normal, clean ambient conditions	Dirty environment I Grit	Dirty environment II Fine dust or fluids	Dirty environment III Aggressive fluids	High temperature range > 90 °C	Clean room	Machine tools	Material feed Component insertion	Assembly	Packaging	Electronics	Paintshop	Clean room/laboratory	Foundry	Food
Pneumatic Modular Gripping System															
KONEX Page 1096								●	●	●	●				
Pneumatic Gripper Swivel Modules															
with 2-Finger Parallel Gripper															
GSM-P Page 1116								●	●	●	●				
with 3-Finger Centric Gripper															
GSM-Z Page 1136								●	●	●	●				

Pneumatic Gripper Swivel Modules															
with 2-Finger Angular Gripper															
GSM-W Page 1152								●	●	●	●				
with 2-Finger Radial Gripper															
GSM-R Page 1176								●	●	●	●				

Pneumatic Angular Gripper															
LGW Page 932								●	●	●	●				
LMG Page 1292										●					●
PWG Page 962								●	●	●					
PWG-S Page 946								●	●	●					
SGB Page 884									●	●	●				●
SWG Page 900									●	●	●				●
Pneumatic 3-Finger Angular Gripper															
SGW Page 996															
Pneumatic Radial Gripper															
DRG Page 1064								●	●			●		●	
LGR Page 1014								●	●	●	●				
PRG Page 1028								●	●	●					