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DESTACO Custom Catalog

12/07/2020

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12/07/2020

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Technical Comparison Chart (GR) GR-TCH-1

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PARALLEL GRIPPERS

Sizing and Application Chart

	Jaws		Basic Unit Dimensions mm [in]			Stroke mm [in]												
Series	**Page #**	2 Jaws	3 Jaws	Length	Width	Height	0–6.3 [0–0.25]	6.3–12.7 [0.25–0.50]	12.7–19.1 0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	31.8–38.1 [1.25–1.50]	38.1–44.5 [1.50–1.75]	44.5–50.8 [1.75–2.00]	50.8–57.1 [2.00–2.25]	57.1–63.5 [2.25–2.50]	63.5–69.8 [2.50–2.75]	69.8–76.2 [2.75–3.00]	76.2+ [3.00+]
OEM Grippers	GR-OEM-#																	
G110-08M	7	●		[1.69–4.06] 43–103	20 [0.79]	28 [1.10]	●											
G110-11M	9	●		[1.69–4.06] 43–103	24 [0.94]	36.5 [1.44]	●											
G110-18M	11	●		[2.13–4.92] 54–125	30 [1.18]	43 [1.69]	●											
G110-25M	13	●		[2.87–7.60] 73–193	40 [1.57]	61 [2.40]												
Electric Grippers	GR-EPG-#																	
DPE-200	7	●		67.9 [2.67]	28 [1.10]	128 [5.04]	●											
DPE-400	5	●		159.6 [6.28]	60 [2.36]	129.5 [5.10]	●											
RPE-100	9	●		32 [1.26]	40 [1.57]	94 [3.70]	●											
Precision Grippers	GR-PRC-#																	
6002P	5	●		72 [2.83]	60 [2.36]	77 [3.03]	●											
6002P-C	5	●		78 [3.07]	60 [2.36]	77 [3.03]	●											
8002P	6	●		91.6 [3.61]	80 [3.15]	78 [3.07]	●											
8002P-C	6	●		98.4 [3.87]	80 [3.15]	78 [3.07]	●											
11002P	7	●		126 [4.96]	110 [4.33]	106 [4.17]	●											
11002P-C	7	●		136 [5.35]	110 [4.33]	106 [4.17]	●											
1400P	8	●		165 [6.50]	140 [5.51]	137 [5.39]	●											
14002P-C	8	●		179 [7.05]	140 [5.51]	137 [5.39]	●											
16002P	9	●		194 [7.64]	165 [6.50]	169 [6.65]	●											
16002P-C	9	●		204 [8.03]	165 [6.50]	169 [6.65]	●											
16502PGR	10	●		210 [8.27]	165 [6.50]	262 [10.31]	●											
DGC-25	17	●		75 [2.95]	38 [1.50]	55 [2.17]	●											
DGC-45	18	●		95 [3.74]	42 [1.65]	70 [2.76]	●											
DGC-65	19	●		125 [4.92]	53 [2.09]	90 [3.54]	●											
GC-85	20	●		155 [6.10]	67.5 [2.66]	120 [4.72]	●											
GC-105	21	●		190 [7.48]	85.5 [3.37]	145 [5.71]	●											
DPL-2520	25	●		152 [5.98]	75 [2.95]	65 [2.56]	●											
DPL-2535	26	●		197 [7.76]	75 [2.95]	65 [2.56]	●											
DPL-3230	27	●		186 [7.32]	93 [3.66]	74 [2.91]	●											
DPL-3250	28	●		246 [9.69]	93 [3.66]	74 [2.91]	●											
DPL-4040	29	●		238 [9.37]	112 [4.41]	91 [3.58]	●											
DPL-4070	30	●		328 [12.91]	112 [4.41]	91 [3.58]	●											
DPP-10M-06	35	●		62.9 [2.48]	25 [0.98]	34.67 [1.36]	●											
DPP-10M-12	35	●		73.7 [2.90]	25 [0.98]	34.67 [1.36]	●											
DPP-14M-15	36	●		90.2 [3.55]	34 [1.34]	42.21 [1.66]	●											
DPP-14M-25	36	●		118.7 [4.67]	34 [1.34]	42.21 [1.66]	●											
DPP-20M-25	37	●		129 [5.08]	46 [1.81]	55.63 [2.19]	●											
DPP-20M-38	37	●		175.5 [6.91]	46 [1.81]	55.63 [2.19]	●											
DPP-28M-31	38	●		162.3 [6.39]	58 [2.28]	72.54 [2.86]	●											
DPP-28M-50	38	●		221.5 [8.72]	58 [2.28]	72.54 [2.86]	●											

Dimensions and technical information are subject to change without notice

PARALLEL GRIPPERS

Sizing and Application Chart

Total Gripforce N [lbs]						Maximum Finger Length @ 60psi mm [in]										Actuation Time sec.				Operating Pressure bar [psi]								Environ-ment				Features					
0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1	0.1–0.5	0.5–0.75	0.75–1	5–100 [0.3–7]	20–100 [1.5–7]	30–100 [2-7]	40–100 [3–7]	45–100 [3.1–7]	50–100 [3.5–7]	60–100 [4-7]	70–150 [5–10.3]	24VDC Electric Actuation	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
OEM Grippers																																					
●	●					●	●										●						●							✓			✓	✓			
●	●					●	●										●	●					●							✓			✓	✓			
	●	●	●			●	●										●	●					●							✓			✓	✓			
		●	●	●		●	●	●										●	●				●							✓			✓	✓			
Electric Grippers																																					
	●					●	●											●										✓	✓	✓		✓		✓			
				●		●	●	●											●									✓	✓	✓		✓	✓	✓			
●						●	●										●											✓	✓	✓		✓	✓				
Precision Grippers																																					
		●	●	●		●	●										●					●				●				✓	✓	✓	✓		✓	✓		
	●	●	●			●	●										●					●				●				✓	✓	✓	✓		✓	✓		
				●	●	●	●	●									●					●				●				✓	✓	✓	✓		✓	✓		
				●		●	●	●									●					●				●				✓	✓	✓	✓		✓	✓		
				●	●	●	●	●									●					●				●				✓	✓	✓	✓		✓	✓		
				●	●	●	●	●									●					●				●				✓	✓	✓	✓		✓	✓		
				●	●	●	●	●	●								●	●				●				●				✓	✓	✓	✓		✓	✓		
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	●	●	●	●		●	●	●									●	●							●					✓	✓	✓	✓			✓		
			●	●		●	●	●	●								●	●							●					✓	✓	✓	✓			✓		
				●		●	●	●	●								●	●	●						●					✓	✓	✓	✓			✓		
		●	●	●		●	●	●	●	●							●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
		●	●	●		●	●	●	●	●	●						●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
			●	●		●	●	●	●	●	●						●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
			●	●		●	●	●	●	●	●	●	●				●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
			●	●		●	●	●	●	●	●	●	●				●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
			●	●		●	●	●	●	●	●	●	●	●	●		●	●	●				●				●			✓	✓	✓	✓	✓	✓	✓	✓	✓
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●	●	●				●	●										●	●			●	●								✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●				●	●										●	●			●					●				✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●				●	●										●	●			●					●				✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●	●			●	●	●									●	●			●			●						✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●	●			●	●	●									●	●			●		●							✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●	●	●		●	●	●	●								●	●			●		●							✓	✓	✓	✓	✓	✓	✓	✓	✓
●	●	●	●	●		●	●	●	●								●	●			●			●						✓	✓	✓	✓	✓	✓	✓	✓	✓

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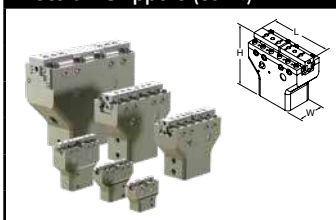
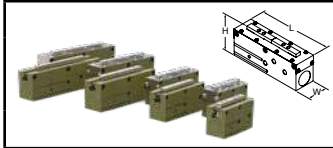
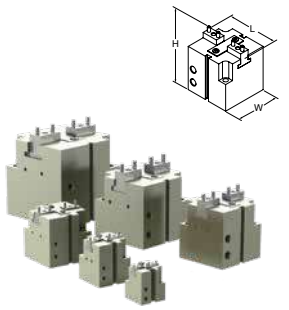
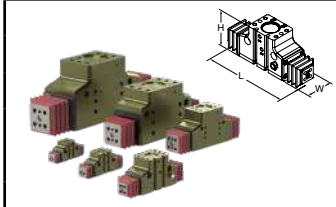
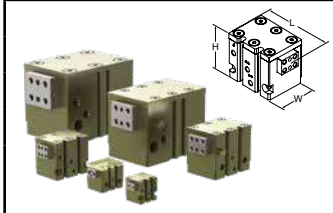
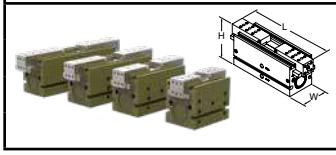
PARALLEL GRIPPERS

Sizing and Application Chart

	Series	Page #	Jaws: 2 Jaws	Jaws: 3 Jaws	Basic Unit Dimensions mm [in]: Length	Width	Height	Stroke mm [in]: 0–6.3 [0–0.25]	6.3–12.7 [0.25–0.50]	12.7–19.1 0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	31.8–38.1 [1.25–1.50]	38.1–44.5 [1.50–1.75]	44.5–50.8 [1.75–2.00]	50.8–57.1 [2.00–2.25]	57.1–63.5 [2.25–2.50]	63.5–69.8 [2.50–2.75]	69.8–76.2 [2.75–3.00]	76.2+ [3.00+]
Precsion Grippers (cont.)		GR-PRC-#																		
	RP-50P	41	●		57 [2.24]	25.4 [1.00]	46.7 [1.84]	●	●											
	RP-100P	42	●		83 [3.27]	25.4 [1.00]	59.4 [2.34]	●	●	●	●									
	RP-25P	43	●		108 [4.25]	31.8 [1.25]	81.1 [3.19]	●	●	●	●	●								
	RP-35P	44	●		143 [5.63]	50.8 [2.00]	103.2 [4.06]	●	●	●	●									
	RP-40P	45	●		178 [7.01]	[2.25] 57.2	125 [4.92]	●	●	●	●	●	●	●	●					
	RP-43P	46	●		292 [11.50]	74.7 [2.94]	175 [6.89]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPL/RPLC-1	49	●		44.5 [1.75]	19.1 [0.75]	29.5 [1.16]	●												
	RPL/RPLC-2	49	●		59.5 [2.34]	19.1 [0.75]	29.5 [1.16]	●	●											
	RPL/RPLC-3	50	●		80 [3.15]	22.2 [0.87]	32.6 [1.28]	●	●	●										
	RPL/RPLC-4	50	●		98.1 [3.86]	22.2 [0.87]	32.6 [1.28]	●	●	●	●									
General Industrial Grippers		GR-GEN-#																		
	CP-1	5	●		37.6 [1.48]	30 [1.18]	39.2 [1.54]	●												
	CP-1-C	5	●		42 [1.65]	30 [1.18]	39.2 [1.54]	●												
	CP-2	6	●		51.4 [2.02]	40 [1.57]	51.5 [2.03]	●												
	CP-2-C	6	●		58.2 [2.29]	40 [1.57]	51.5 [2.03]	●	●											
	CP-3	7	●		70 [2.76]	55 [2.17]	67 [2.64]	●	●											
	CP-3-C	7	●		81.2 [3.20]	55 [2.17]	67 [2.64]	●	●	●										
	CP-4	8	●		85 [3.35]	65 [2.56]	74 [2.91]	●	●	●										
	CP-4-C	8	●		96 [3.78]	65 [2.56]	74 [2.91]	●	●	●	●									
	CP-5	9	●		102 [4.02]	80 [3.15]	91 [3.58]	●	●	●										
	CP-5-C	9	●		120 [4.72]	80 [3.15]	91 [3.58]	●	●	●	●	●								
	CP-6	10	●		125 [4.92]	100 [3.94]	114 [4.49]	●	●	●	●									
	CP-6-C	10	●		141 [5.55]	100 [3.94]	114 [4.49]	●	●	●	●	●	●							
	DPDL-047	13	●		54.5 [2.16]	22.2 [.875]	32.2 [1.27]	●	●											
	DPDL-056	14	●		68.7 [2.70]	24.1 [.950]	37.7 [1.48]	●	●											
	DPDL-088	15	●		101.1 [3.98]	36.1 [1.420]	56 [2.20]	●	●	●										
	DPDL-125	16	●		128.4 [5.06]	43.2 [1.700]	68.5 [2.70]	●	●	●	●									
	DPDL-175	17	●		183.1 [7.21]	64.8 [2.550]	100.2 [3.94]	●	●	●	●	●	●							
	DPDL-250	18	●		243.8 [9.60]	79.3 [3.125]	123.3 [4.85]	●	●	●	●	●	●	●	●					
	DPDS-047	21	●		31.2 [1.23]	22.2 [0.87]	25.9 [1.02]	●												
	DPDS-056	22	●		39.8 [1.57]	24.1 [0.95]	28.9 [1.14]	●												
	DPDS-088	23	●		57.4 [2.26]	36.1 [1.42]	43.4 [1.71]	●												
	DPDS-125	24	●		73.5 [2.89]	43.2 [1.70]	52.7 [2.07]	●	●											
	DPDS-175	25	●		114.7 [4.52]	64.8 [2.55]	80.4 [3.17]	●	●											
	DPDS-250	26	●		133.1 [5.24]	79.3 [3.12]	95.5 [3.76]	●	●	●										
	DPG-10M-1	29	●		62 [2.44]	34.9 [1.37]	44.9 [1.77]	●												
	DPG-10M-2	29	●		86 [3.39]	34.9 [1.37]	44.9 [1.77]	●	●											
	DPG-10M-3	29	●		113 [4.45]	34.9 [1.37]	44.9 [1.77]	●	●	●										
	DPG-10M-4	29	●		137 [5.39]	34.9 [1.37]	44.9 [1.77]	●	●	●	●									

Dimensions and technical information are subject to change without notice

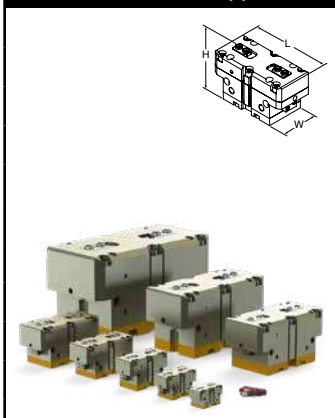
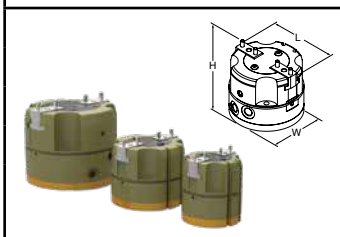
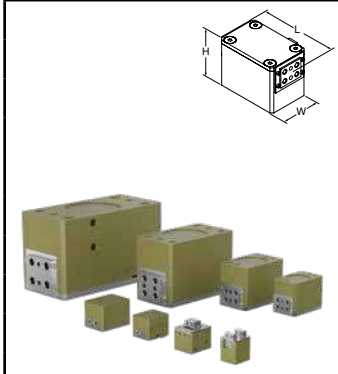
PARALLEL GRIPPERS

Sizing and Application Chart

Total Gripforce N [lbs]						Maximum Finger Length @ 60psi mm [in]										Actuation Time				Operating Pressure bar [psi]							Environ-ment			Features						
0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75–1 sec.	5–100 [0.3–7]	20–100 [1.5–7]	29-145 [2–10]	36-145 [2.5–10]	40–100 [3–7]	50–100 [3.5–7]	70–150 [5–7]	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
Precsion Grippers (cont.)																																				
●	●					●	●										●	●			●							✓	✓		✓	✓		✓			
●	●	●				●	●										●	●			●							✓	✓		✓	✓		✓			
	●	●	●			●	●										●	●			●							✓	✓		✓	✓		✓			
		●	●	●		●	●	●									●	●			●							✓	✓		✓	✓		✓			
		●	●	●		●	●	●	●								●	●			●							✓	✓		✓	✓		✓			
				●		●	●	●	●	●	●	●	●				●	●	●		●							✓	✓		✓	✓		✓			
●	●	●				●	●										●				●							✓	✓	✓			✓	✓			✓
●	●	●				●	●										●	●			●							✓	✓	✓			✓	✓			✓
●	●	●				●	●										●	●			●							✓	✓	✓			✓	✓			✓
●	●	●				●	●	●									●	●			●							✓	✓	✓			✓	✓			✓
General Industrial Grippers																																				
●	●					●											●						●						✓	✓	✓	✓	✓	✓	✓		
●	●					●											●							●					✓	✓	✓	✓	✓	✓	✓		
	●	●	●			●											●						●						✓	✓	✓	✓	✓	✓	✓		
●	●	●				●											●							●					✓	✓	✓	✓	✓	✓	✓		
		●	●	●		●	●										●						●						✓	✓	✓	✓	✓	✓	✓		
	●	●	●			●	●										●							●					✓	✓	✓	✓	✓	✓	✓		
		●	●	●		●	●										●						●						✓	✓	✓	✓	✓	✓	✓		
		●	●	●		●	●										●							●					✓	✓	✓	✓	✓	✓	✓		
			●	●		●	●										●						●						✓	✓	✓	✓	✓	✓	✓		
		●	●	●		●	●										●							●					✓	✓	✓	✓	✓	✓	✓		
			●	●		●	●	●									●	●					●						✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●									●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●								●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●							●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●						●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●	●					●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●	●	●				●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●	●	●	●			●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●	●	●	●	●		●	●						●					✓	✓	✓	✓	✓	✓	✓		
				●		●	●	●	●	●	●	●	●	●	●	●

PARALLEL GRIPPERS

Sizing and Application Chart

	Series	Page #	Jaws: 2 Jaws	Jaws: 3 Jaws	Basic Unit Dimensions mm [in]: Length	Width	Height	Stroke mm [in]: 0–6.3 [0–0.25]	6.3–12.7 [0.25–0.50]	12.7–19.1 0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	31.8–38.1 [1.25–1.50]	38.1–44.5 [1.50–1.75]	44.5–50.8 [1.75–2.00]	50.8–57.1 [2.00–2.25]	57.1–63.5 [2.25–2.50]	63.5–69.8 [2.50–2.75]	69.8–76.2 [2.75–3.00]	76.2+ [3.00+]
General Industrial Grippers		GR-GEN-#																		
	RDH-1	33	●		63 [2.48]	33 [1.30]	38.5 [1.52]	●												
	RDH-1-L	33	●		63 [2.48]	33 [1.30]	38.5 [1.52]	●	●											
	RDH-2	34	●		83 [3.27]	40 [1.57]	58 [2.28]	●												
	RDH-2-L	34	●		83 [3.27]	40 [1.57]	58 [2.28]	●	●											
	RDH-3	35	●		104 [4.09]	50 [1.97]	66 [2.60]	●	●											
	RDH-3-L	35	●		104 [4.09]	50 [1.97]	66 [2.60]	●	●	●										
	RDH-4	36	●		129 [5.08]	60 [2.36]	74.5 [2.93]	●	●											
	RDH-4-L	36	●		129 [5.08]	60 [2.36]	74.5 [2.93]	●	●	●	●									
	RDH-5	37	●		162 [6.38]	76 [2.99]	90.5 [3.56]	●	●	●										
	RDH-5-L	37	●		162 [6.38]	76 [2.99]	90.5 [3.56]	●	●	●	●	●								
	RDH-6	38	●		205 [8.07]	100 [3.94]	113 [4.45]	●	●	●										
	RDH-6-L	38	●		205 [8.07]	100 [3.94]	113 [4.45]	●	●	●	●	●								
	RDH-7	39	●		258 [10.16]	120 [4.72]	147 [5.79]	●	●	●	●									
	RDH-7-L	39	●		258 [10.16]	120 [4.72]	147 [5.79]	●	●	●	●	●	●	●	●					
	RDH-8	40	●		355 [13.98]	180 [7.09]	201 [7.91]	●	●	●	●	●	●	●						
	RDH-8-L	40	●		355 [13.98]	180 [7.09]	201 [7.91]	●	●	●	●	●	●	●	●	●	●	●	●	●
	REP-62	43	●		70 [2.76]	60 [2.36]	72 [2.83]	●	●											
	REP-62-C	43	●		82 [3.23]	60 [2.36]	72 [2.83]	●	●	●										
	REP-82	44	●		94 [3.70]	80 [3.15]	74 [2.91]	●	●											
	REP-82-C	44	●		108 [4.25]	80 [3.15]	74 [2.91]	●	●	●										
	REP-112	45	●		138 [5.43]	110 [4.33]	98 [3.86]	●	●	●										
	REP-112-C	45	●		158 [6.22]	110 [4.33]	98 [3.86]	●	●	●	●									
	RP-5	49	●		29 [1.14]	25.4 [1.00]	36.5 [1.44]	●												
	RP-10	50	●		38.1 [1.50]	31.7 [1.25]	37.3 [1.47]	●												
	RP-11	53	●		48 [1.89]	31.8 [1.25]	28.6 [1.13]	●												
	RP-11-D	53	●		45 [1.77]	31.8 [1.25]	28.6 [1.13]	●												
	RP-12	54	●		63 [2.48]	31.8 [1.25]	35.6 [1.40]	●	●											
	RP-12-D	54	●		60 [2.36]	31.8 [1.25]	35.6 [1.40]	●												
	RP-15	55	●		81 [3.19]	41.3 [1.63]	47.3 [1.86]	●	●											
	RP-15-D	55	●		76 [2.99]	41.3 [1.63]	47.3 [1.86]	●	●											
	RP-17	56	●		108 [4.25]	54 [2.13]	61.9 [2.44]	●	●	●										
	RP-17-D	56	●		117 [4.61]	54 [2.13]	61.9 [2.44]	●	●	●	●	●								
	RP-18	57	●		177 [6.97]	74.9 [2.95]	92.8 [3.65]	●	●	●	●	●								
	RP-18-D	57	●		190 [7.48]	74.9 [2.95]	92.8 [3.65]	●	●	●	●	●	●	●						
	RP-19	58	●		266 [10.47]	100.3 [3.95]	118.7 [4.67]	●	●	●	●	●	●	●	●	●	●			
	RP-19-D	58	●		254 [10.00]	100.3 [3.95]	118.7 [4.67]	●	●	●	●	●	●	●						

Dimensions and technical information are subject to change without notice

PARALLEL GRIPPERS

Sizing and Application Chart

Total Gripforce N [lbs]						Maximum Finger Length @ 60psi mm [in]										Actuation Time								Operating Pressure bar [psi]							Environ-ment			Features						
0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75–1 sec.	5–100 [0.3–7]	20–100 [1.5–7]	30–100 [2–7]	40–100 [3–7]	45–100 [3.1–7]	50–100 [3.5–7]	60–100 [4–7]	70–150 [5–7]	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
General Industrial Grippers (cont.)																																									
		●		●		●	●										●							●					✓	✓	✓	✓	✓	✓	✓	✓		
	●		●			●	●										●							●					✓	✓	✓	✓	✓	✓	✓	✓		
		●		●		●	●										●							●					✓	✓	✓	✓	✓	✓	✓	✓		
		●		●		●	●										●							●					✓	✓	✓	✓	✓	✓	✓	✓		
			●	●		●		●									●							●					✓	✓	✓	✓	✓	✓	✓	✓		
			●	●		●		●									●							●					✓	✓	✓	✓	✓	✓	✓	✓		
				●	●	●			●								●							●					✓	✓	✓	✓	✓	✓	✓	✓		
				●		●			●								●							●					✓	✓	✓	✓	✓	✓	✓	✓		
				●	●	●			●								●	●						●					✓	✓	✓	✓	✓	✓	✓	✓		
				●	●	●			●								●	●						●					✓	✓	✓	✓	✓	✓	✓	✓		
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				●	●	●				●							●	●						●					✓	✓	✓	✓	✓	✓	✓	✓		
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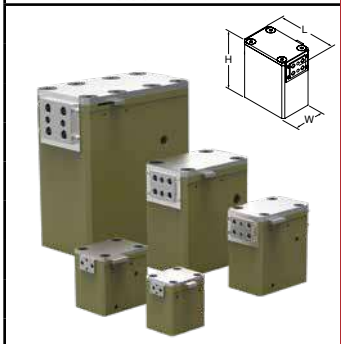
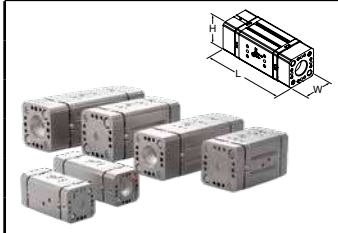
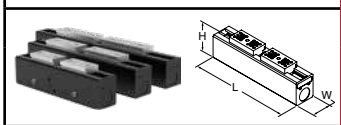
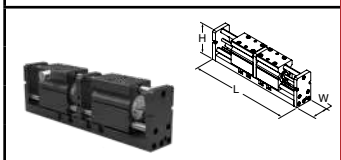
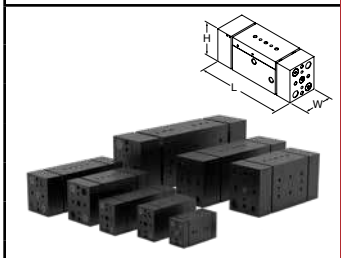
				●	●	●						●					●		●					●					✓	✓	✓	✓	✓	✓	✓	✓		
					●	●							●				●			●				●					✓	✓	✓	✓	✓	✓	✓	✓		
					●	●							●				●			●				●					✓	✓	✓	✓	✓	✓	✓	✓		
		●		●		●	●										●						●		●				✓	✓	✓	✓	✓	✓	✓	✓		
	●			●		●	●										●						●		●				✓	✓	✓	✓	✓	✓	✓	✓		
				●		●		●									●						●				●		✓	✓	✓	✓	✓	✓	✓	✓		
			●	●		●		●									●						●				●		✓	✓	✓	✓	✓	✓	✓	✓		
				●	●	●		●									●						●				●		✓	✓	✓	✓	✓	✓	✓	✓		
				●	●	●		●									●						●				●		✓	✓	✓	✓	✓	✓	✓	✓		
	●	●				●	●										●	●						●					✓		✓	✓		✓	✓	✓		
	●	●				●	●										●	●						●					✓			✓		✓				
	●	●				●	●										●	●						●					✓	✓		✓		✓				
		●	●			●	●										●	●						●					✓	✓		✓		✓				
	●	●				●	●										●	●						●					✓	✓		✓		✓				
	●		●			●	●										●	●						●					✓	✓		✓		✓				
			●			●											●	●						●					✓	✓		✓		✓				
			●	●		●		●									●	●						●					✓	✓		✓		✓				
			●	●		●		●									●	●						●					✓	✓		✓		✓				
				●		●			●								●	●						●					✓	✓		✓		✓				
				●		●			●								●	●						●					✓	✓		✓		✓				
				●	●	●				●							●	●						●					✓	✓		✓		✓				
				●	●	●				●							●	●						●					✓	✓		✓		✓				

DESTACO a DOVER company

PARALLEL GRIPPERS

Sizing and Application Chart

	Series	Page #	Jaws: 2 Jaws	Jaws: 3 Jaws	Basic Unit Dimensions mm [in]: Length	Width	Height	Stroke mm [in]: 0–6.3 [0–0.25]	6.3–12.7 [0.25–0.50]	12.7–19.1 0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	31.8–38.1 [1.25–1.50]	38.1–44.5 [1.50–1.75]	44.5–50.8 [1.75–2.00]	50.8–57.1 [2.00–2.25]	57.1–63.5 [2.25–2.50]	63.5–69.8 [2.50–2.75]	69.8–76.2 [2.75–3.00]	76.2+ [3.00+]
General Industrial Grippers		GR-GEN-#																		
	RPM/RPMC-1	61	●		23 [0.91]	16 [0.63]	24 [0.94]	●												
	RPM/RPMC-2	61	●		24 [0.94]	16 [0.63]	25.5 [1.00]	●												
	RPM/RPMC-3	62	●		30 [1.18]	16 [0.63]	25.5 [1.00]	●												
	RPS-11	65	●		48 [1.88]	31.8 [1.25]	44.1 [1.74]	●												
	RPS-11-D	65	●		45 [1.79]	31.8 [1.25]	44.1 [1.74]	●												
	RPS-12	66	●		63 [2.50]	31.8 [1.25]	51.2 [2.02]	●	●											
	RPS-12-D	66	●		60 [2.37]	31.8 [1.25]	51.2 [2.02]	●												
	RPS-15	67	●		81 [3.19]	41.3 [1.63]	71.6 [2.82]	●	●											
	RPS-15-D	67	●		76 [3.00]	41.3 [1.63]	71.6 [2.82]	●	●											
	RPS-17	68	●		107 [4.25]	54.0 [2.13]	98.7 [3.89]	●	●	●										
	RPS-17-D	68	●		117 [4.60]	54.0 [2.13]	98.7 [3.89]	●	●	●	●	●								
	RPS-18	69	●		177 [7.00]	74.9 [2.95]	154.4 [6.08]	●	●	●	●	●								
	RPS-18-D	69	●		190 [7.45]	74.9 [2.95]	154.4 [6.08]	●	●	●	●	●	●	●						
Heavy-Duty Grippers		GR-HDP-#																		
	DPW-250-1	5	●		98 [3.86]	37.6 [1.48]	37.6 [1.48]	●	●	●										
	DPW-250-2	5	●		136 [5.35]	37.6 [1.48]	37.6 [1.48]	●	●	●	●	●								
	DPW-375-1	6	●		122 [4.80]	54 [2.13]	54 [2.13]	●	●	●	●									
	DPW-375-2	6	●		198 [7.80]	54 [2.13]	54 [2.13]	●	●	●	●	●	●	●	●					
	DPW-500-1	7	●		164 [6.46]	63 [2.48]	63 [2.48]	●	●	●	●	●	●							
	DPW-500-2	7	●		240 [9.45]	63 [2.48]	63 [2.48]	●	●	●	●	●	●	●	●	●	●			
	RPB-24	11	●		438.2 [17.25]	88.9 [3.50]	129 [5.08]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPB-26	11	●		590.5 [23.25]	88.9 [3.50]	129 [5.08]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPB-28	11	●		734 [28.90]	88.9 [3.50]	129 [5.08]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPR-63-150	14	●		489.8 [19.28]	88.9 [3.50]	161.9 [6.37]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPR-63-200	14	●		539.8 [21.25]	88.9 [3.50]	161.9 [6.37]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPR-63-250	14	●		589.8 [23.22]	88.9 [3.50]	161.9 [6.37]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPR-63-300	14	●		639.8 [25.19]	88.9 [3.50]	161.9 [6.37]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPR-63-350	14	●		689.8 [27.16]	88.9 [3.50]	161.9 [6.37]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPW-250	17	●		93 [3.66]	31.5 [1.24]	40.9 [1.61]	●	●	●										
	RPW-375-1	18	●		120 [4.72]	37.8 [1.49]	50.5 [1.99]	●	●	●	●									
	RPW-375-2	18	●		187 [7.36]	37.8 [1.49]	50.5 [1.99]	●	●	●	●	●	●	●	●					
	RPW-500-1	19	●		171 [6.73]	56.9 [2.24]	66.4 [2.61]	●	●	●	●	●	●							
	RPW-500-2	19	●		234 [9.21]	56.9 [2.24]	66.4 [2.61]	●	●	●	●	●	●	●	●	●	●			
	RPW-625-1	20	●		219 [8.62]	66.4 [2.61]	82.3 [3.24]	●	●	●	●	●	●	●	●	●				
	RPW-625-2	20	●		321 [12.64]	66.4 [2.61]	82.3 [3.24]	●	●	●	●	●	●	●	●	●	●	●	●	●
	RPW-750	21	●		410 [16.14]	75 [2.95]	99.8 [3.93]	●	●	●	●	●	●	●	●	●	●	●	●	●

Dimensions and technical information are subject to change without notice

PARALLEL GRIPPERS

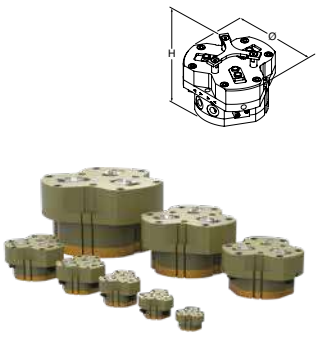
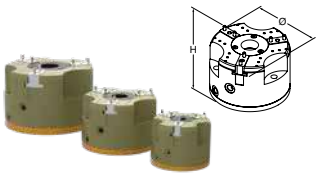
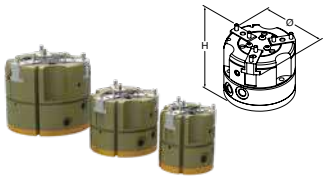
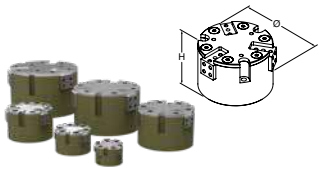
Sizing and Application Chart

Total Gripforce N [lbs]						Maximum Finger Length @ 60psi mm [in]										Actuation Time				Operating Pressure bar [psi]					Environ-ment			Features					
0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75–1 sec.	5–100 [0.3–7]	20–100 [1.5–7]	40–100 [3–7]	50–100 [3.5–7]	70–150 [5–7]	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
General Industrial Grippers (cont.)																																	
●						●											●						●			✓	✓	✓				✓			
●						●											●						●			✓	✓	✓				✓			
●						●											●						●			✓	✓	✓				✓			
	●	●				●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
		●	●			●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
	●	●	●			●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
		●	●			●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
		●	●			●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
		●	●	●		●	●										●	●						●			✓	✓	✓	✓		✓	✓	✓	
		●	●	●		●	●	●									●	●						●			✓	✓	✓	✓		✓	✓	✓	
			●	●		●	●	●									●	●						●			✓	✓	✓	✓		✓	✓	✓	
				●	●	●	●	●	●								●	●	●					●			✓	✓	✓	✓		✓	✓	✓	
			●	●		●	●	●	●								●	●	●					●			✓	✓	✓	✓		✓	✓	✓	
Heavy-Duty Grippers																																	
		●				●	●										●	●				●					✓	✓		✓	✓	✓			✓
		●				●	●										●	●				●					✓	✓		✓	✓	✓			✓
		●	●			●	●	●									●	●				●					✓	✓		✓	✓	✓			✓
		●	●			●	●	●									●	●				●					✓	✓		✓	✓	✓			✓
			●	●		●	●	●	●	●	●						●	●				●					✓	✓		✓	✓	✓			✓
			●	●		●	●	●	●	●	●						●	●				●					✓	✓		✓	✓	✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓
					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							✓	✓		✓		✓			✓

DESTACO a DOVER company

PARALLEL GRIPPERS

Sizing and Application Chart

	Series	Page #	Jaws: 2 Jaws	Jaws: 3 Jaws	Basic Unit Dimensions mm [in]: Diameter	Basic Unit Dimensions mm [in]: Height	Stroke mm [in]: 0–6.3 [0–0.25]	6.3–12.7 [0.25–0.50]	12.7–19.1 0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	31.8–38.1 [1.25–1.50]	38.1–44.5 [1.50–1.75]	44.5–50.8 [1.75–2.00]	50.8–57.1 [2.00–2.25]	57.1–63.5 [2.25–2.50]	63.5–69.8 [2.50–2.75]	69.8–76.2 [2.75–3.00]	76.2+ [3.00+]
Three Jaw Grippers		GR-3JP-#																	
	6003P	5		●	72 [2.83]	77 [3.03]	●												
	6003P-C	5		●	78 [3.07]	77 [3.03]	●	●	●										
	8003P	6		●	91.6 [3.61]	78 [3.07]	●	●	●										
	8003P-C	6		●	98.4 [3.87]	78 [3.07]	●	●	●	●									
	11003P	7		●	126 [4.96]	106 [4.17]	●	●	●	●									
	11003P-C	7		●	136 [5.35]	106 [4.17]	●	●	●	●	●								
	14003P	8		●	165 [6.50]	137 [5.39]	●	●	●	●	●								
	14003P-C	8		●	179 [7.05]	137 [5.39]	●	●	●	●	●	●	●						
	16503P	9		●	194 [7.64]	169 [6.65]	●	●	●	●	●								
	16503P-C	9		●	204 [8.03]	169 [6.65]	●	●	●	●	●	●	●	●					
	RTH-1M	17		●	63 [2.48]	43 [1.69]	●												
	RTH-1M-L	17		●	63 [2.48]	43 [1.69]	●	●											
	RTH-2M	18		●	83 [3.27]	57 [2.24]	●												
	RTH-2M-L	18		●	83 [3.27]	57 [2.24]	●	●											
	RTH-3M	19		●	83 [3.27]	57 [2.24]	●	●											
	RTH-3M-L	19		●	83 [3.27]	57 [2.24]	●	●	●										
	RTH-4M	20		●	129 [5.08]	88.5 [3.48]	●	●											
	RTH-4M-L	20		●	129 [5.08]	88.5 [3.48]	●	●	●	●									
	RTH-5M	21		●	162 [6.38]	98.5 [3.88]	●	●	●										
	RTH-5M-L	21		●	162 [6.38]	98.5 [3.88]	●	●	●	●	●								
	RTH-6M	22		●	205 [8.07]	121 [4.76]	●	●	●										
	RTH-6M-L	22		●	205 [8.07]	121 [4.76]	●	●	●	●	●								
	RTH-7M	23		●	258 [10.16]	155 [6.10]	●	●	●	●									
	RTH-7M-L	23		●	258 [10.16]	155 [6.10]	●	●	●	●	●	●	●	●					
	RTH-8M	24		●	355 [13.98]	209 [8.23]	●	●	●	●	●	●	●						
	RTH-8M-L	24		●	355 [13.98]	209 [8.23]	●	●	●	●	●	●	●	●	●	●	●	●	
	PPC-12	27		●	43 [1.69]	74 [2.91]	●	●											
	PPC-12-C	27		●	49.03 [1.93]	78 [3.07]	●	●	●										
	PPC-25	28		●	61.5 [2.42]	87 [3.43]	●	●											
	PPC-25-C	28		●	68.5 [2.70]	92 [3.62]	●	●	●	●									
	PPC-34	29		●	82.5 [3.25]	112 [4.41]	●	●	●	●									
	PPC-34-C	29		●	92.5 [3.64]	117 [4.61]	●	●	●	●	●								
	REP-63	33		●	72 [2.83]	77 [3.03]	●	●											
	REP-63-C	33		●	78 [3.07]	77 [3.03]	●	●	●										
	REP-83	34		●	91.6 [3.61]	78 [3.07]	●	●											
	REP-83-C	34		●	98.4 [3.87]	78 [3.07]	●	●	●	●									
	REP-113	35		●	126 [4.96]	103 [4.06]	●	●	●	●									
	REP-113-C	35		●	136 [5.35]	103 [4.06]	●	●	●	●	●								
	RPC-315	39		●	62 [2.44]	41 [1.61]	●	●											
	RPC-320	40		●	82 [3.23]	50 [1.97]	●	●											
	RPC-331	41		●	118 [4.65]	75.1 [2.96]	●	●	●										
	RPC-344	42		●	140 [5.51]	82.2 [3.24]	●	●	●	●									
	RPC-356	43		●	184 [7.24]	101.1 [3.98]	●	●	●	●	●								
	RPC-368	44		●	206 [8.11]	118 [4.65]	●	●	●	●	●								

Dimensions and technical information are subject to change without notice

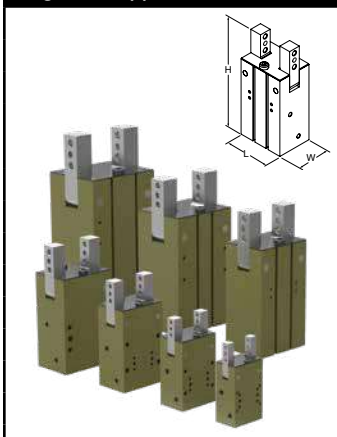
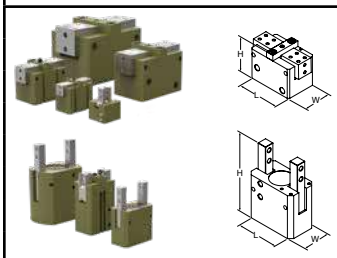
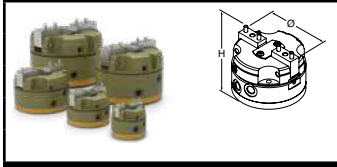
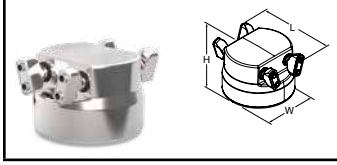
PARALLEL GRIPPERS

Sizing and Application Chart

Total Gripforce N [lbs]						Maximum Finger Length @ 60psi mm [in]										Actuation Time				Operating Pressure bar [psi]								Environ-ment			Features						
0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75–1 sec.	5–100 [0.3–7]	20–100 [1.5–7]	30–100 [2–7]	40–100 [3–7]	45–100 [3.1–7]	50–100 [3.5–7]	55–100 [3.8–7]	60–100 [4–7]	70–150 [5–7]	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
Three Jaw Grippers																																					
		●	●	●		●	●										●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
		●	●			●	●										●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●		●									●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●		●									●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●			●								●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●			●								●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●	●	●			●								●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●			●								●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	
					●	●			●								●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	
					●	●			●								●	●					●				●			✓	✓	✓	✓	✓	✓	✓	✓	
			●	●		●	●										●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
		●		●		●	●										●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
			●	●		●	●										●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●		●									●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●	●	●		●									●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●	●	●		●									●						●				●			✓	✓	✓	✓	✓	✓	✓	✓	
				●		●			●								●	●

ANGULAR GRIPPERS

Sizing and Application Chart

	Series	Page #	Jaws: 2 Jaws	Jaws: 3 Jaws	Basic Unit Dimensions mm [in]: Length	Width	Height	Angle (Both Jaws): 12 Degrees	30 Degrees	70 Degrees	180 Degrees	Total Gripforce N [lbs]: 0.45–45 [1–10]	45–111 [10–25]	111–223 [25–50]	223–445 [50–100]	445–2225 [100–500]	2225–13350 [500–3000]
Angular Grippers	GR-ANG-#																
	CT-12M	5	●		30 [1.18]	20 [0.79]	48 [1.89]				●	●					
	CT-12M-RE	5	●		30 [1.18]	20 [0.79]	64 [2.52]				●	●					
	CT-16M	6	●		36 [1.42]	25 [0.98]	64 [2.52]				●	●	●				
	CT-16M-RE	6	●		36 [1.42]	25 [0.98]	71 [2.80]				●	●	●				
	CT-20M	7	●		42 [1.65]	30 [1.18]	79 [3.11]				●		●				
	CT-20M-RE	7	●		42 [1.65]	30 [1.18]	83 [3.27]				●	●	●	●			
	CT-25M	8	●		50 [1.97]	36 [1.42]	93.5 [3.68]				●		●	●			
	CT-25M-RE	8	●		50 [1.97]	36 [1.42]	102 [4.02]				●	●	●	●			
	CT-32M	9	●		56 [2.20]	42 [1.65]	95 [3.74]				●		●	●	●		
	CT-32M-RE	9	●		56 [2.20]	42 [1.65]	116 [4.57]				●		●	●	●		
	CT-40M	10	●		66 [2.60]	52 [2.05]	107.5 [4.23]				●			●	●		
	CT-40M-RE	10	●		66 [2.60]	52 [2.05]	135 [5.31]				●			●	●	●	
	CT-50M	11	●		76 [2.99]	62 [2.44]	146 [5.75]				●			●	●	●	
	CT-50M-RE	11	●		76 [2.99]	62 [2.44]	163 [6.42]				●			●	●	●	
	RA-5	15	●		25.4 [1.00]	38.1 [1.50]	35.0 [1.38]		●			●	●				
	RA-6	16	●		38.1 [1.50]	50.8 [2.00]	49.6 [1.95]		●				●	●			
	RA-7	17	●		50.8 [2.00]	76.2 [3.00]	60.8 [2.39]		●					●	●	●	
	RA-8	18	●		76.2 [3.00]	101.6 [4.00]	76.2 [3.00]		●						●	●	
	RA-10	19	●		25.4 [1.00]	25.4 [1.00]	20.7 [0.81]		●			●	●				
	RA-15	23	●		25.4 [1.00]	44.5 [1.75]	38.9 [1.53]	●					●	●	●		
	RA-25	24	●		44.5 [1.75]	63.5 [2.50]	61.9 [2.44]	●							●	●	
	RA-90	25	●		39 [1.54]	28 [1.10]	67.3 [2.65]				●			●	●		
	RUA-62M	29	●		Ø60 [Ø2.36]		53 [2.09]		●					●	●		
	RUA-82M	30	●		Ø80 [Ø3.15]		57 [2.24]		●						●	●	
	RUA-112M	31	●		Ø110 [Ø4.33]		175 [6.89]		●						●	●	
	RUA-142M	32	●		Ø140 [Ø5.51]		107 [4.21]		●							●	●
	RUA-162M	33	●		Ø165 [Ø6.50]		119 [4.69]		●							●	●
	GR-SPC-#																
	FUA-63M	2	●		100 [3.94]	90 [3.54]	62 [2.44]			●			●	●			

Dimensions and technical information are subject to change without notice

ANGULAR GRIPPERS

Sizing and Application Chart

Maximum Finger Length @ 60psi mm [in]											Actuation Time				Operating Pressure bar [psi]							Environment					Features				
0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508+ [20 +]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75–1 sec.	5–100 [0.3–7]	20–100 [1.5–7]	30–100 [2–7]	45–100 [3.1–7]	40–100 [3–7]	50–100 [3.5–7]	60–100 [4–7]	Clean Room Environment	Normal Environment	Harsh/Dirty Environment	Failsafe Operation	Inductive Sensors	Magneto Resistive Sensors	Double Acting Cylinder	Single Acting/Spring Return	Double Acting/Spring Assist	Non-Synchronous Option
																															Angular Grippers
●	●										●								●				✓	✓			✓	✓			
●	●										●										●		✓	✓	✓		✓	✓	✓	✓	
●	●										●	●							●				✓	✓		✓	✓	✓			
●	●										●	●									●		✓	✓	✓	✓	✓	✓	✓	✓	
●	●										●	●							●				✓	✓		✓	✓	✓			
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●	●	●									●	●							●				✓	✓		✓	✓	✓			
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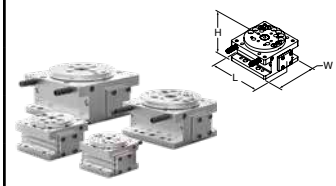
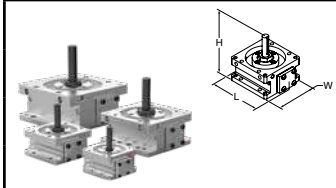
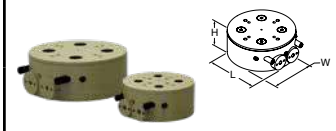
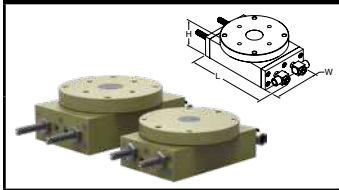
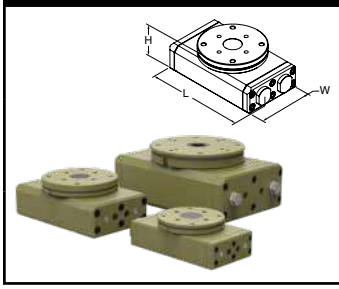
●	●	●	●	●							●	●									●		✓	✓	✓	✓	✓	✓	✓	✓	
●	●	●	●	●	●						●	●	●						●				✓	✓			✓	✓			
●											●								●				✓				✓	✓			
●	●										●								●				✓				✓	✓			
●	●										●	●							●				✓				✓	✓			
●	●	●									●	●							●				✓				✓	✓			
●											●								●				✓		✓	✓		✓			
●	●										●	●							●				✓		✓	✓		✓			
●											●	●							●				✓		✓	✓	✓	✓			
●	●										●	●					●	●					✓	✓	✓	✓	✓	✓	✓	✓	
●	●	●									●						●	●					✓	✓	✓	✓	✓	✓	✓	✓	
●	●	●	●								●	●					●	●					✓	✓	✓	✓	✓	✓	✓	✓	
●	●	●	●	●							●	●	●				●				●		✓	✓	✓	✓		✓	✓	✓	
●	●	●	●	●	●						●	●	●	●			●				●		✓	✓	✓	✓		✓	✓	✓	
●	●										●	●							●				✓					✓		✓	

ROTARY ACTUATORS

Sizing and Application Chart

	Series	Page #	Ports/ Mounting: Imperial	Ports/ Mounting: Metric	Rotary Type: Flange Output	Rotary Type: Shaft Output	Basic Unit Dimensions mm [in]: Length	Basic Unit Dimensions mm [in]: Width	Basic Unit Dimensions mm [in]: Height	Maximum Torque Nm [in-lb]: 0–111 [0–25]	111–223 [25–50]	223–445 [50–100]	445–678 [100–150]	678–890 [150–200]	890–1335 [200–300]	1335+ [300+]
DRF- Flange Output		GR-ROT-#														
	**DRF-075M**	**5**		●	●		68 [2.69]	54 [2.13]	38.8 [1.52]	●						
	DRF-094M	**6**		●	●		85 [3.38]	71 [2.78]	44.8 [1.76]	●						
	DRF-106M	**7**		●	●		102 [4.54]	100 [3.94]	57.9 [2.28]	●						
	DRF-131M	**8**		●	●		153 [6.02]	133 [5.25]	71.7 2.82]	●						
DRG- Shaft Output		GR-ROT-#														
	**DRG-075M**	**11**		●		●	68 [2.69]	54 [2.13]	64 [2.51]	●						
	DRG-094M	**12**		●		●	85 [3.38]	71 [2.78]	76 [3.02]	●						
	DRG-106M	**13**		●		●	102 [4.54]	100 [3.94]	102 [4.01]	●						
	DRG-131M	**14**		●		●	153 [6.02]	133 [5.25]	128 [5.02]	●						
RR–Light Duty		GR-ROT-#														
	**RR-18/-18M**	**17**	●	●	●		61 [2.42]	57.1 [2.25]	24.6 [.969]	●						
	RR-28/-28M	**18**	●	●	●		83.1 [3.28]	85.7 [3.375]	33.1 [1.313]	●						
RR–Medium Duty		GR-ROT-#														
	**RR-36/-36M**	**21**	●	●	●		170.9 [6.73]	101.6 [4.00]	43.7 [1.72]	●						
	RR-46/-46M	**22**	●	●	●		203.2 [8.00]	113.5 [4.47]	54.1 [2.13]	●	●					
RR–Heavy Duty		GR-ROT-#														
	**RR-56/-56M**	**25**	●	●	●		[8.50] 215.9	117.5 [4.63]	70.2 [2.77]	●	●	●				
	RR-66/-66M	**26**	●	●	●		[10.35] 262.8	158.8 [6.25]	96.8 [3.81]	●	●	●	●	●		
	RR-76/-76M	**27**	●	●	●		[13.19] 334.9	222.3 [8.75]	136.5 [5.38]	●	●	●	●	●	●	●

Dimensions and technical information are subject to change without notice

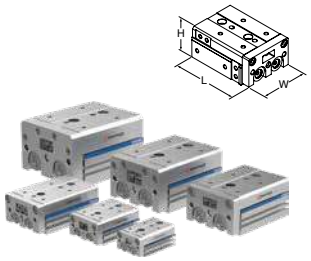
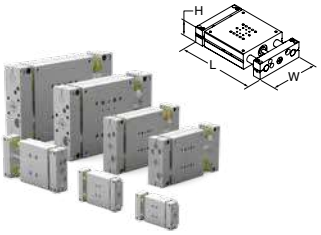
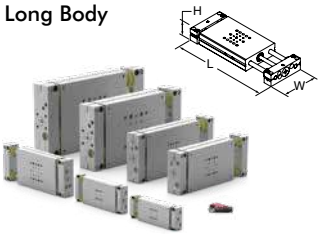
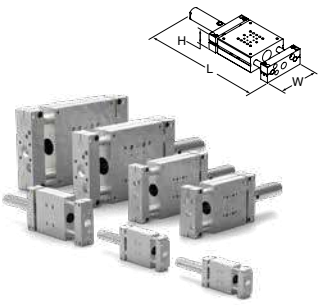
ROTARY ACTUATORS

Sizing and Application Chart

Degrees of Rotation				Maximum Payload Kg [lbs]						Maximum Inertia Nm sec² x 10³ [in-lbs sec²]									Acuation Time 180°				Operating Pressure bar [psi]		Features					
45°	90°	135°	180°	0–10 [0–5]	10–25 [5–11]	25–50 [11–23]	50–100 [23–45]	100–150 [45–68]	150+ [68+]	0.0-0.1 [0.000-0.001]	0.1-0.6 [0.001-0.005]	0.6-1.1 [0.005-0.010]	1.1-2.8 [0.010-0.025]	2.8-5.7 [0.025-0.050]	5.7-11.3 [0.050-0.100]	11.3-56.5 [0.100-0.500]	56.5-282.5 [0.500-2.500]	282.5-565 [2.500-5.000]	0.05–0.1 sec.	0.1–0.5 sec.	0.5–0.75 sec.	0.75+ sec.	2-7 [20-100]	3-7 [40-100]	Inductive Sensors	Magneto Resistive Sensors	Shock Absorbers	Mid-Stop	Air Manifold	High Temperature
DRF- Flange Output																														
●	●	●	●	●							●									●				●		✓	✓			
●	●	●	●	●								●								●				●		✓	✓			
●	●	●	●	●										●							●			●		✓	✓			
●	●	●	●	●—●											●							●		●		✓	✓			
DRG- Shaft Output																														
●	●	●	●	●						●										●				●		✓				
●	●	●	●	●								●								●				●		✓				
●	●	●	●	●									●								●			●		✓				
●	●	●	●	●										●								●		●		✓				
RR–Light Duty																														
●	●	●	●	●							●									●			●		✓			✓	✓
●	●	●	●	●									●							●			●		✓			✓	✓
RR–Medium Duty																														
●	●	●	●	●										●						●				●	✓			✓	✓	✓
●	●	●	●	●—●											●					●				●	✓			✓	✓	✓
RR–Heavy Duty																														
●	●	●	●	●——●												●				●				●	✓	✓	✓	✓	✓	✓
●	●	●	●	●——●													●				●			●	✓	✓	✓	✓	✓	✓
●	●	●	●	●——●														●				●		●	✓		✓	✓	✓	✓

LINEAR SLIDES

Sizing and Application Chart

	Series	Page #	Slide Type: Base Slide	Slide Type: Thruster Slide	Slide Type: Lift/Block Thruster	Basic Unit Dimensions mm [in]: Length + Stroke	Basic Unit Dimensions mm [in]: Width	Basic Unit Dimensions mm [in]: Height	Maximum Thrust Force N [lbs]: 0–111 [0–25]	111–223 [25–50]	223–445 [50–100]	445–678 [100–150]	678–890 [150–200]	890–1335 [200–300]	1335+ [300+]
OEM Linear Slide	GR-OEM-#														
	**T110-06M**	**19**		●	●	[224-6.10] 57-155	30 [1.18]	20 [0.79]	●						
	T110-08M	**21**		●	●	[2.56-9.13] 65-232	40 [1.57]	24 [0.94]	●						
	T110-12M	**23**		●	●	[3.50-12.24] 89-311	50 [1.97]	32 [1.26]	●	●					
	T110-16M	**25**		●	●	[3.78-15.12] 96-384	60 [2.36]	40 [1.57]	●	●	●				
	T110-20M	**27**		●	●	[4.17-18.46] 106-469	70 [2.76]	50 [1.97]	●	●	●				
	T110-25M	**29**		●	●	[4.61-18.11] 117-460	80 [3.15]	62 [2.44]	●	●	●	●			
Base Slide–Internal Cylinder	GR-LIN-#														
	**DLB-06M-B**	**5**	●			81 [3.19]	50.3 [1.98]	23.7 [0.93]	●						
	DLB-08M-B	**5**	●			93.7 [3.69]	62.7 [2.47]	23.7 [0.93]	●						
	DLB-10M-B	**7**	●			143 [5.63]	88.6 [3.49]	31.6 [1.24]	●	●					
	DLB-12M-B	**7**	●			155.7 [6.13]	101.2 [3.98]	42.1 [1.66]	●	●	●				
	DLB-16M-B	**7**	●			174.8 [6.88]	120.3 [4.74]	42.1 [1.66]	●	●	●				
	DLB-20M-B	**9**	●			239.3 [9.42]	164.6 [6.48]	55.4 [2.18]	●	●	●	●			
	DLB-25M-B	**9**	●			275.3 [10.84]	190 [7.48]	55.4 [2.18]	●	●	●	●			
Base Slide–Internal Cylinder	GR-LIN-#														
Long Body 	**DLB-06M-L**	**6**	●			125.5 [4.94]	50.3 [1.98]	23.7 [0.93]	●						
	DLB-08M-L	**6**	●			138.2 [5.44]	62.7 [2.47]	23.7 [0.93]	●						
	DLB-10M-L	**8**	●			193.8 [7.63]	88.6 [3.49]	31.6 [1.24]	●	●					
	DLB-12M-L	**8**	●			219.2 [8.63]	101.2 [3.98]	42.1 [1.66]	●	●	●				
	DLB-16M-L	**8**	●			244.6 [9.63]	120.3 [4.74]	42.1 [1.66]	●	●	●				
	DLB-20M-L	**10**	●			290.1 [11.42]	164.6 [6.48]	55.4 [2.18]	●	●	●	●			
	DLB-25M-L	**10**	●			326.1 [12.84]	190 [7.48]	55.4 [2.18]	●	●	●	●			
Linear Thruster Slide–External Cylinder	GR-LIN-#														
	**DLB-06M-T, U**	**14**	●			129.4 [5.09]	50.3 [1.98]	23.7 [0.93]	●						
	DLB-08M-T, U	**14**	●			142.1 [5.59]	62.7 [2.47]	23.7 [0.93]	●						
	DLB-10M-A, U	**15**	●			237.4 [9.35]	88.6 [3.49]	31.6 [1.24]	●	●					
	DLB-12M-A, U	**15**	●			253.6 [9.98]	101.2 [3.98]	42.1 [1.66]	●	●	●				
	DLB-16M-A, U	**15**	●			272.6 [10.73]	120.3 [4.74]	42.1 [1.66]	●	●	●				
	DLB-20M-N, U	**16**	●			337.3 [13.28]	164.6 [6.48]	56.8 [2.24]	●	●	●	●			
	DLB-25M-N, U	**16**	●			373.3 [14.70]	190 [7.48]	56.8 [2.24]	●	●	●	●			
	DLB-20M-R, U	**16**	●			377.9 [14.88]	164.6 [6.48]	56.8 [2.24]	●	●	●	●			
	DLB-25M-R, U	**16**	●			413.9 [16.30]	190 [7.48]	56.8 [2.24]	●	●	●	●			

Dimensions and technical information are subject to change without notice

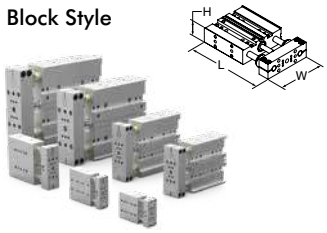
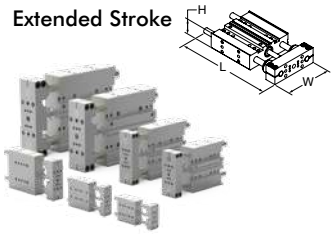
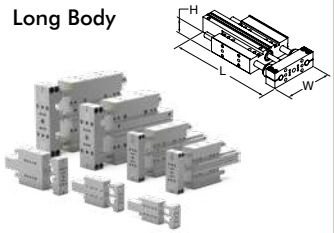
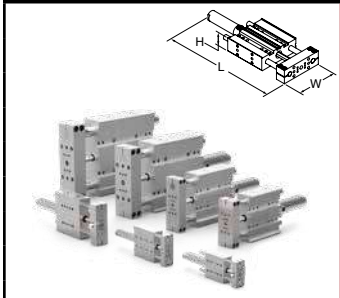
LINEAR SLIDES

Sizing and Application Chart

	Maximum Stroke mm [in]													Maximum Payload Kg [lbs]						Operating Pressure bar [psi]			Cylinder Type						Bearings				Features					
	0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508–558 [20–22]	558- 610 [22–24]	610+ [24+]	0–10 [0–5]	10–25 [5–11]	25–50 [11–23]	50–100 [23–45]	100–150 [45–68]	150+ [68+]	100 [7]	20–100 [1.4–7]	22–100 [1.7–7]	Internal (Repairable)	External (Replaceable)	External (Replaceable) with Air Cushions	External (VDMA) Repairable with Air Cushions	External Locking (VDMA) Repairable with Air Cushions	-U Non-powered	Preloaded Ball Bushing	Composite Bushing	Roller Bearing	Bronze Bushing	Inductive Sensors	Magneto Resistive Sensors	Shock Absorbers	Bumpers and Collars	Independent End Stops	Telescopic Airlines
OEM Linear Slide																																						
	●													●								●	●								●			✓	✓		✓	
	●	●												●								●	●								●			✓	✓		✓	
	●	●												●								●	●								●			✓	✓		✓	
	●	●	●											●								●	●								●			✓	✓		✓	
	●	●	●											●	●							●	●								●			✓	✓		✓	
	●	●	●											●	●							●	●								●			✓	✓		✓	
Base Slide–Internal Air Cylinder																																						
	●													●						●			●							●			✓		✓		✓	
	●													●						●			●							●			✓		✓		✓	
	●													●	●					●			●						●	●			✓		✓		✓	✓
	●													●	●	●				●			●						●	●			✓		✓		✓	✓
	●	●												●	●	●				●			●						●	●			✓		✓		✓	✓
	●	●												●	●	●	●			●			●						●	●			✓		✓		✓	✓
	●	●	●											●	●	●	●			●			●						●	●			✓		✓		✓	✓
Base Slide–Internal Air Cylinder–Long Stroke																																						
	●	●												●						●			●							●			✓		✓		✓	
	●	●												●						●			●							●			✓		✓		✓	
	●	●												●	●					●			●						●	●			✓		✓		✓	✓
	●	●	●											●	●	●				●			●						●	●			✓		✓		✓	✓
	●	●	●											●	●	●				●			●						●	●			✓		✓		✓	✓
	●	●	●	●										●	●	●	●			●			●						●	●			✓		✓		✓	✓
	●	●	●	●										●	●	●	●			●			●						●	●			✓		✓		✓	✓
Linear Thruster Slide–External Air Cylinder																																						
	●	●	●	●										●						●				●				●		●			✓	✓	✓	✓	✓	
	●	●	●	●										●						●				●				●		●			✓	✓	✓	✓	✓	
	●	●	●	●	●	●								●	●					●					●			●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●						●	●	●				●					●			●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●	●	●				●	●	●				●					●			●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●	●	●				●	●	●	●			●						●		●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●		●						●		●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●	●	●				●	●	●	●			●							●	●	●	●			✓	✓	✓	✓	✓	✓
	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●		●							●	●	●	●			✓	✓	✓	✓	✓	✓

LINEAR SLIDES

Sizing and Application Chart

	Series	Page #	Slide Type: Base Slide	Slide Type: Thruster Slide	Slide Type: Lift/Block Thruster	Basic Unit Dimensions mm [in]: Length + Stroke	Basic Unit Dimensions mm [in]: Width	Basic Unit Dimensions mm [in]: Height	Maximum Thrust Force N [lbs]: 0–111 [0–25]	111–223 [25–50]	223–445 [50–100]	445–678 [100–150]	678–890 [150–200]	890–1335 [200–300]	1335+ [300+]
Linear Thruster Slide–Internal Cylinder		GR-LIN-#													
Block Style 	DLT-06M-B	20		●	●	70.7 [2.78]	50.8 [2.00]	22.4 [0.88]	●						
	DLT-08M-B	20		●	●	83.4 [3.28]	63.5 [2.50]	22.4 [0.88]	●						
	DLT-10M-B	23		●	●	122.3 [4.81]	88.9 [3.50]	30.2 [1.19]	●	●					
	DLT-12M-B	23		●	●	135 [5.31]	101.6 [4.00]	41.4 [1.63]	●	●	●				
	DLT-16M-B	23		●	●	155.6 [6.13]	120.7 [4.75]	41.4 [1.63]	●	●	●				
	DLT-20M-B	26		●	●	214.9 [8.46]	165.1 [6.50]	55.9 [2.20]	●	●	●	●			
	DLT-25M-B	26		●	●	245.6 [9.67]	190.5 [7.50]	55.9 [2.20]	●	●	●	●			
Linear Thruster Slide–Internal Cylinder		GR-LIN-#													
Extended Stroke 	DLT-06M-E	21		●		87.5 [3.44]	50.8 [2.00]	22.4 [0.88]	●						
	DLT-08M-E	21		●		93.8 [3.69]	63.5 [2.50]	22.4 [0.88]	●						
	DLT-10M-E	24		●		143.1 [5.63]	88.9 [3.50]	30.2 [1.19]	●	●					
	DLT-12M-E	24		●		155.8 [6.13]	101.6 [4.00]	41.4 [1.63]	●	●	●				
	DLT-16M-E	24		●		174.9 [6.89]	120.7 [4.75]	41.4 [1.63]	●	●	●				
	DLT-20M-E	27		●		239.3 [9.42]	165.1 [6.50]	55.9 [2.20]	●	●	●	●			
	DLT-25M-E	27		●		275.3 [10.84]	190.5 [7.50]	55.9 [2.20]	●	●	●	●			
Linear Thruster Slide–Internal Cylinder		GR-LIN-#													
Long Body 	DLT-06M-L	22		●		115.1 [4.53]	50.8 [2.00]	22.4 [0.88]	●						
	DLT-08M-L	22		●		127.8 [5.03]	63.5 [2.50]	22.4 [0.88]	●						
	DLT-10M-L	25		●		173.1 [6.81]	88.9 [3.50]	30.2 [1.19]	●	●					
	DLT-12M-L	25		●		198.5 [7.81]	101.6 [4.00]	41.4 [1.63]	●	●	●				
	DLT-16M-L	25		●		225.5 [8.88]	120.7 [4.75]	41.4 [1.63]	●	●	●				
	DLT-20M-L	28		●		271.8 [10.70]	165.1 [6.50]	55.9 [2.20]	●	●	●	●			
	DLT-25M-L	28		●		297.2 [11.70]	190.5 [7.50]	55.9 [2.20]	●	●	●	●			
Linear Thruster Slide–External Cylinder		GR-LIN-#													
	DLT-06M-T, U	32		●		125.6 [4.94]	50.8 [2.00]	22.4 [0.88]	●						
	DLT-08M-T, U	32		●		138.3 [5.44]	63.5 [2.50]	22.4 [0.88]	●						
	DLT-10M-A, U	33		●		210.3 [8.28]	88.9 [3.50]	30.2 [1.19]	●	●					
	DLT-12M-A, U	33		●		226.5 [8.92]	101.6 [4.00]	41.4 [1.63]	●	●	●				
	DLT-16M-A, U	33		●		247.1 [9.73]	120.7 [4.75]	41.4 [1.63]	●	●	●				
	DLT-20M-N, U	34		●		322.6 [12.70]	165.1 [6.50]	55.9 [2.20]	●	●	●	●			
	DLT-25M-N, U	34		●		353.3 [13.91]	190.5 [7.50]	55.9 [2.20]	●	●	●	●			
	DLT-20M-R, U	34		●		363.2 [14.30]	165.1 [6.50]	55.9 [2.20]	●	●	●	●			
	DLT-25M-R, U	34		●		393.9 [15.51]	190.5 [7.50]	55.9 [2.20]	●	●	●	●			

Dimensions and technical information are subject to change without notice

LINEAR SLIDES

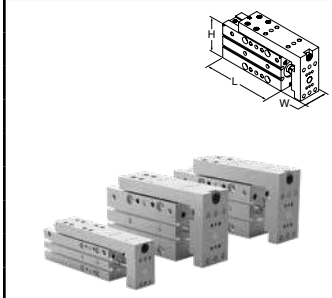
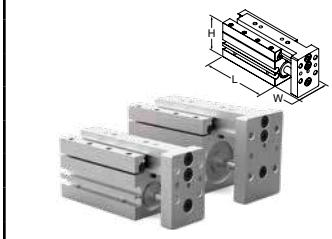
Sizing and Application Chart

Maximum Stroke mm [in]													Maximum Payload Kg [lbs]						Operating Pressure bar [psi]			Cylinder Type						Bearings				Features					
0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508–558 [20–22]	558- 610 [22–24]	610+ [24+]	0–10 [0–5]	10–25 [5–11]	25–50 [11–23]	50–100 [23–45]	100–150 [45–68]	150+ [68+]	100 [7]	20–100 [1.4–7]	22–100 [1.7–7]	Internal (Repairable)	External (Replaceable)	External (Replaceable) with Air Cushions	External (VDMA) Repairable with Air Cushions	External Locking (VDMA) Repairable with Air Cushions	-U Non-powered	Preloaded Ball Bushing	Composite Bushing	Roller Bearing	Bronze Bushing	Inductive Sensors	Magneto Resistive Sensors	Shock Absorbers	Bumpers and Collars	Independent End Stops	Telescopic Airlines
Linear Thruster Slide–Internal Air Cylinder–Block Style																																					
●													●						●			●							●			✓	✓	✓	✓	✓	
●													●						●			●							●			✓	✓	✓	✓	✓	
●													●	●					●			●						●	●			✓	✓	✓	✓	✓	✓
●													●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●												●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●												●	●	●	●			●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●											●	●	●	●	●		●			●						●	●			✓	✓	✓	✓	✓	✓
Linear Thruster Slide–Internal Air Cylinder–Extended Stroke																																					
●													●						●			●							●			✓	✓	✓	✓	✓	
●													●						●			●							●			✓	✓	✓	✓	✓	
●													●	●					●			●						●	●			✓	✓	✓	✓	✓	✓
●													●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●												●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●												●	●	●	●			●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●											●	●	●	●	●		●			●						●	●			✓	✓	✓	✓	✓	✓
Linear Thruster Slide–Internal Air Cylinder–Long Body																																					
●	●												●						●			●							●			✓	✓	✓	✓	✓	
●	●												●						●			●							●			✓	✓	✓	✓	✓	
●	●												●	●					●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●											●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●											●	●	●				●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●	●										●	●	●	●			●			●						●	●			✓	✓	✓	✓	✓	✓
●	●	●	●										●	●	●	●	●		●			●						●	●			✓	✓	✓	✓	✓	✓
Linear Thruster Slide–External Air Cylinder																																					
●	●	●	●										●						●				●				●		●			✓	✓	✓	✓	✓	
●	●	●	●										●						●				●				●		●			✓	✓	✓	✓	✓	
●	●	●	●	●									●	●					●					●			●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●							●	●	●				●					●			●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●	●						●	●	●				●					●			●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●	●	●	●				●	●	●	●			●						●	●	●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●	●	●	●				●	●	●	●	●		●						●	●	●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●	●	●	●				●	●	●	●			●						●	●	●	●	●			✓	✓	✓	✓	✓	✓
●	●	●	●	●	●	●	●	●	●				●	●	●	●	●		●						●	●	●	●	●			✓	✓	✓	✓	✓	✓

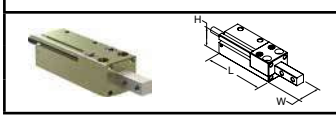
DESTACO a DOVER company

LINEAR SLIDES

Sizing and Application Chart

	Series	Page #	Slide Type: Base Slide	Slide Type: Thruster Slide	Slide Type: Lift/Block Thruster	Basic Unit Dimensions mm [in]: Length	Width	Height	Maximum Thrust Force N [lbs]: 0–111 [0–25]	111–223 [25–50]	223–445 [50–100]	445–678 [100–150]	678–890 [150–200]	890–1335 [200–300]	1335+ [300+]
Miniature Rail Thruster Slide		GR-LIN-#													
	DLM-07M-12	39		●		78 [3.07]	21 [0.83]	35.5 [1.40]	●						
	DLM-07M-25	39		●		102 [4.02]	21 [0.83]	35.5 [1.40]	●						
	DLM-07M-38	39		●		115 [4.53]	21 [0.83]	35.5 [1.40]	●						
	DLM-07M-50	39		●		127 [5.00]	21 [0.83]	35.5 [1.40]	●						
	DLM-09M-25	40		●		113 [4.45]	32 [1.26]	62 [2.44]	●	●					
	DLM-09M-50	40		●		159 [6.26]	32 [1.26]	62 [2.44]	●	●					
	DLM-09M-75	40		●		184 [7.24]	32 [1.26]	62 [2.44]	●	●					
	DLM-09M-100	40		●		209 [8.23]	32 [1.26]	62 [2.44]	●	●					
	DLM-12M-50	41		●		126 [4.96]	32 [1.26]	65 [2.56]	●	●	●				
	DLM-12M-75	41		●		166 [6.54]	32 [1.26]	65 [2.56]	●	●	●				
	DLM-12M-50	41		●		193 [7.60]	32 [1.26]	65 [2.56]	●	●	●				
	DLM-12M-100	41		●		218 [8.58]	32 [1.26]	65 [2.56]	●	●	●				
	MPS-1M-1	45		●		46 [1.81]	20.6 [0.81]	31.8 [1.25]	●						
	MPS-1M-2	45		●		63.4 [2.50]	20.6 [0.81]	31.8 [1.25]	●						
	MPS-1M-3	45		●		88.9 [3.50]	20.6 [0.81]	31.8 [1.25]	●						
	MPS-1M-4	45		●		113 [4.45]	20.6 [0.81]	31.8 [1.25]	●						
	MPS-2M-1	46		●		46 [1.81]	27 [1.06]	39.7 [1.56]	●	●					
	MPS-2M-2	46		●		64.4 [2.54]	27 [1.06]	39.7 [1.56]	●	●					
	MPS-2M-3	46		●		88.9 [3.50]	27 [1.06]	39.7 [1.56]	●	●					
	MPS-2M-4	46		●		113 [4.45]	27 [1.06]	39.7 [1.56]	●	●					

FEED ESCAPEMENTS

	Series	Page #	Shaft: Dual Shaft	Shaft: Single Shaft	Basic Unit Dimensions mm [in]: Length	Width	Height	Max. Thrust Force N [lbs]: 0–111 [0–25]	111–223 [25–50]	223–445 [50–100]	Maximum Stroke mm [in]: 12.7–19.1 [0.50–0.75]	19.1–25.4 [0.75–1.00]	25.4–31.8 [1.00–1.25]	Operating Pressure bar [psi]: 1.4–7 [40–100]	Cylinder Type: Internal (Repairable)	Features: Hall Effect Sensors	Non-rotating Shaft	Fail Safe Locking Fingers	Adjustable Retract
Feed Escapements		GR-ESC-#																	
	RFE-1	4	●		117 [4.59]	38.1 [1.50]	19.1 [0.75]	●			●			●	●	✓	✓	✓	✓
	RFE-2	5	●		162 [6.39]	57.2 [2.25]	24.9 [0.98]		●			●		●	●	✓	✓	✓	✓
	RFE-3	6	●		197 [7.74]	69.9 [2.75]	34.5 [1.36]			●			●	●	●	✓	✓	✓	✓
	RN-1	8		●	116 [4.59]	22.2 [0.88]	19.1 [0.75]	●			●			●	●	✓	✓		✓
	RN-2	9		●	161 [6.34]	28.6 [1.13]	24.9 [0.98]		●			●		●	●	✓	✓		✓
	RN-2	10		●	195 [7.70]	34.9 [1.38]	34.5 [1.36]			●			●	●	●	✓	✓		✓

Dimensions and technical information are subject to change without notice

Sizing and Application Chart

Maximum Stroke mm [in]													Maximum Payload Kg [lbs]						Operating Pressure bar [psi]			Cylinder Type						Bearings				Features				
0–50.8 [0–2]	50.8–102 [2–4]	102–152 [4–6]	152–203 [6–8]	203–254 [8–10]	254–305 [10–12]	305–356 [12–14]	356–406 [14–16]	406–457 [16–18]	457–508 [18–20]	508–558 [20–22]	558- 610 [22–24]	610+ [24+]	0–10 [0–5]	10–25 [5–11]	25–50 [11–23]	50–100 [23–45]	100–150 [45–68]	150+ [68+]	100 [7]	20–100 [1.4–7]	22–100 [1.7–7]	Internal (Repairable)	External (Replaceable)	External (Replaceable) with Air Cushions	External (VDMA) Repairable w/Air Cushions	External Locking (VDMA) Repairable w/Air Cushions	Customer Supplied	Preloaded Ball Bushing	Composite Bushing	Roller Bearing	Bronze Bushing	Inductive Sensors	Magneto Resistive Sensors	Shock Absorbers	Bumpers and Collars	Independent End Stops	Telescopic Airlines
Miniature Rail Thruster Slide																																				
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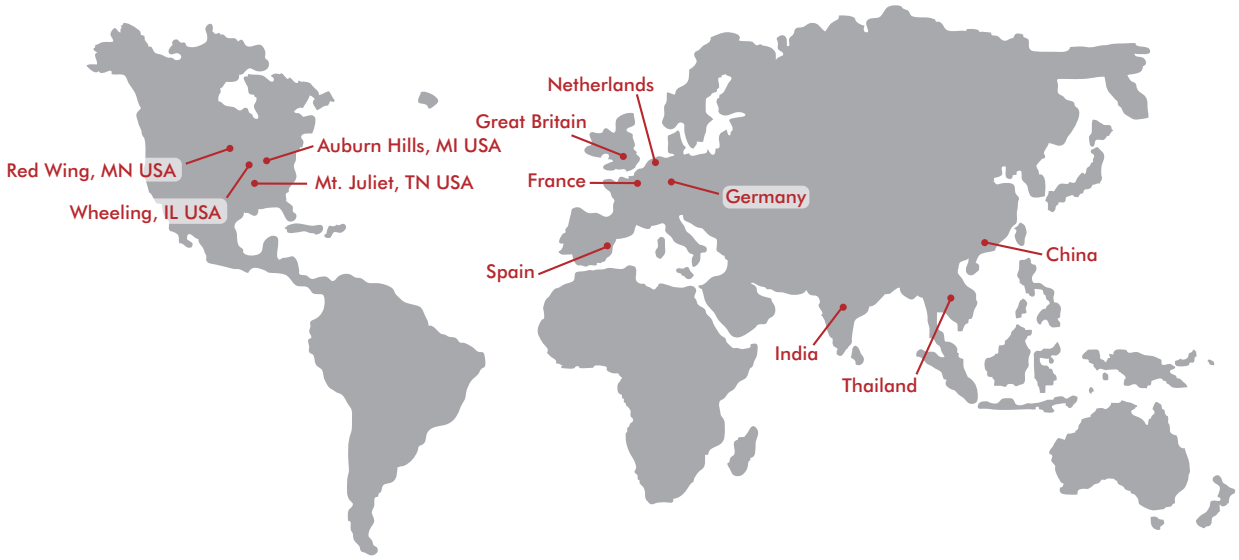

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