



POWDER HANDLING
LIFTING EQUIPMENT

PD LIFTTEC

Vacuum - Automation

PD GRIPPER®



www.pdgripper.com



Technical data for PDG500	
Dimension	200x250x105 mm
Weight	2.2 kg
Air consumption	200 NI/min
Connection	1/8", Ø8 mm
Mounting	4 x M8, profile 90x45 (CC45)
Material	aluminum, rubber, polyurethane






Order information

	Description	Order code
	Vacuum box Mounting profile Screws Fittings Silencer Flow plate COAX midi	PDG500
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG500CR01 Hole Ø8 Cellular rubber t=15 mm Cellular rubber t=6 mm	1
	Artno: 39PDG500CR02 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm	2
	Artno: 39PDG500CRF1 Hole Ø8 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F1
	Artno: 39PDG500CRF2 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F2

Example: PDG500-MF-1



Order information

	Description	Order code
Type of unit		PDG500
	Two units Three units Four units Five units Six units	R2 R3 R4 R5 R6
Flow	Low flow Medium flow High flow	LF MF HF
   	Artno: 39PDG500XCR01 Hole Ø8 Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG500XCR02 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG500XCRF1 Hole Ø8 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG500XCRF2 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm X = Number of units	1 2 F1 F2

Example: PDG500-R2-MF-1



Technical data for PDG456	
Dimension	380x120x105 mm
Weight	2.2 kg
Air consumption	200 NI/min
Connection	1/8", Ø8 mm
Mounting	4 x M8, profile 90x45 (CC45)
Material	aluminum, rubber, polyurethane



Order information

	Description	Order code
	Vacuum box Mounting profile Screws Fittings Silencer Flow plate COAX midi	PDG456
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG456CR01 Hole Ø8 Cellular rubber t=15 mm Cellular rubber t=6 mm	1
	Artno: 39PDG456CR02 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm	2
	Artno: 39PDG456CRF1 Hole Ø8 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F1
	Artno: 39PDG456CRF2 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F2

Example: PDG456-MF-1



Order information

	Description	Order code
Type of unit		PDG456
	Two units Three units Four units Five units Six units	R2 R3 R4 R5 R6
Flow	Low flow Medium flow High flow	LF MF HF
   	Artno: 39PDG456XCR01 Hole Ø8 Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG456XCR02 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG456XCRF1 Hole Ø8 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG456XCRF2 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm X = Number of units	1 2 F1 F2

Example: PDG456-R2-MF-1

PDG60 Aluline
CC12.5 mm



Technical data for PDG60 Alu (CC12.5)	
Dimension	60x115 mm
Weight	2 kg/m (excl. pump)
Air consumption	100 NI/min
Connection	1/8", Ø8 mm
Mounting	4 x M6, profile 60x30
Material	aluminum, rubber, pom

Order information

	Description	Order code
	Vacuum pump Vacuum profile 60x30 Screws Fittings Silencer COAX midi	PDG60
Hole distance	CC12.5 mm	12.5
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG60CR01 Hole Ø10 Cellular rubber t=15 mm Cellular rubber t=6 mm	1
	Artno: 39PDG60CRF1 Hole Ø10 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F1
Length	Variable length (mm)	0-4000

Example: PDG60-12.5-MF-1-800



Technical data for PDG80 Alu (CC15)	
Dimension	80x104 mm
Weight	2.5 kg/m (excl. pump)
Air consumption	100-300 NI/min
Connection	1/2", Ø8 mm
Mounting	4 x M8, profile 80x40
Material	aluminum, rubber, pom

Order information

	Description	Order code
	Vacuum pump Vacuum profile 80x40 Screws Fittings Silencer COAX midi	PDG80
Hole distance	CC15 mm	15
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG8015CR01 Hole Ø10, "PISA" pattern Cellular rubber t=15 mm Cellular rubber t=6 mm	1
	Artno: 39PDG8015CR02 Hole Ø10 Cellular rubber t=15 mm Cellular rubber t=6 mm	2
	Artno: 39PDG8015CRF1 Hole Ø10, "PISA" pattern Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F1
	Artno: 39PDG8015CRF2 Hole Ø10 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F2
Length	Variable length (mm)	0-6000

Example: PDG80-15-MF-1-800

PDG80 Aluline
CC20 mm



Technical data for PDG80 Alu (CC20)	
Dimension	80x104 mm
Weight	2.5 kg/m (excl. pump)
Air consumption	100-300 NI/min
Connection	1/2", Ø8 mm
Mounting	4 x M8, profile 80x40
Material	aluminum, rubber, pom

Order information

	Description	Order code
	Vacuum pump Vacuum profile 80x40 Screws Fittings Silencer COAX midi	PDG80
Hole distance	CC20 mm	20
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG8020CR01 Hole Ø12, "PISA" pattern Cellular rubber t=15 mm Cellular rubber t=6 mm	1
	Artno: 39PDG8020CR02 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm	2
	Artno: 39PDG8020CRF1 Hole Ø12, "PISA" pattern Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F1
	Artno: 39PDG8020CRF2 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	F2
Length	Variable length (mm)	0-6000

Example: PDG80-20-MF-1-800



Technical data for PDG160 Alu (CC12.5)	
Dimension	160x109 mm
Weight	6.0 kg/m (excl. pump)
Air consumption	200-600 NI/min
Connection	2 x 1/2", Ø8 mm
Mounting	4 x M8, profile 160x40 (CC40)
Material	aluminum, rubber, pom

Order information

	Description	Order code
	Vacuum pump Vacuum profile 160x40 Screws Fittings Silencer COAX midi	PDG160
Hole distance	CC12.5 mm	12.5
Flow	Low flow Medium flow High flow	LF MF HF
	Artno: 39PDG160CR01 Hole Ø12 Cellular rubber t=15 mm Cellular rubber t=6 mm Artno: 39PDG160CRF1 Hole Ø12 Cellular rubber t=3 mm Filter Cellular rubber t=15 mm Cellular rubber t=6 mm	1 F1
Length	Variable length (mm)	0-4000

Example: PDG160-12.5-MF-1-800

Accessories



Vacuum gauge/
Manometer



Blow-off valve



Vacuum switches



P6010 AVM



Level compensator
stroke 30 mm
on flange



Level compensators



Valves



Vacuum fan



PCC solution



AVM solution



Bracket 80x40/80x80



Bracket 80x40



Angled exhaust



Vacuum flange for
PDG80/160



Air connector

Name	Description	Order code
Vacuum gauge	Measure the vacuum level	3101602
Manometer	Measure the pressure	3101603
Blow-off valve	For faster release	3900001S330
Vacuum switches	Pre-set for 30-kPa Adjustable, with one output Adjustable with display	0110245 0107731 0107732
P6010 AVM	Energy saving function	39P6010AVM
Angled exhaust	For silencer 3/4"	3900003/042
Level compensators	Stroke 100 mm (M8) Stroke 65 mm (M8) Stroke 38 mm (M6) Stroke 30 mm (on flange) Stroke 140 mm (without spring)	3900008S060 3900008S075 3900008S056 0111552 + 3900001/295 3900008S065
Brackets	80x40/80x40 80x40/80x80	3900001/380 3900001/397
PCC solution	6 nozzles	3900000S012
AVM solution	4 nozzles	3900000S011E
Valves	Camozzi, Parker	
Vacuum flange	For external vacuum, Ø32 tube	3900001/289
Vacuum fan	For external vacuum	
Air connector	For air connection 1/4"	3900001S224

PDG456



PDG500



PDG60

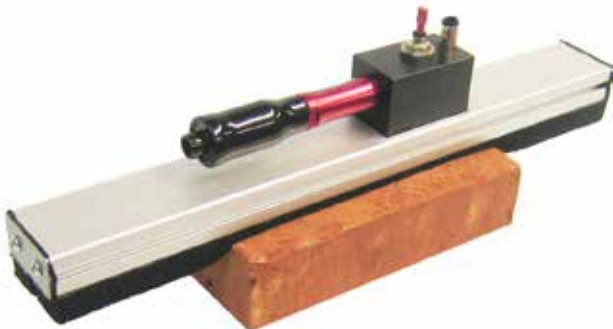


PDG80



PDG160





IBC

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