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Micro Pump

BODENFLO

Precision Fluid from Bodenpump



Micro Diaphragm Pump (Air/Vacuum)

BD-05T Series

Explanation Model
BODEN – “BD”
Pump series – “05T”



BD-05T01500/530

① Flow(@0kpa): 500ml/min
② Flow(@0kpa): 530ml/min
Max pressure: +44kpa
Max vacuum: -47kpa
Voltage/Power: 1-4V/0.31W
Motor: brushless motor
Lifetime: 6000H
Size: 33*23*13.5mm



BD-05T011088

Flow(@0kpa): 1088ml/min
Max pressure: +44kpa
Max vacuum: -47kpa
Voltage/Power: 1-4V/0.7W
Motor: brushless motor
Lifetime: 6000-8000H
Size: 34*36*13.6mm



BD-05T01.5800/1200

① Flow(@0kpa): 800ml/min
② Flow(@0kpa): 1200ml/min
Max pressure: +50kpa
Max vacuum: -40kpa
Voltage/Power: 1-4V/0.4W
Motor: brush motor
Lifetime: 2500-4000H
Size: 42*34*23mm



BD-05T01.51000

Flow(@0kpa): 1L/min
Max pressure: +50kpa
Max vacuum: -40kpa
Voltage/Power: 1-4V/0.4W
Motor: coreless motor
Lifetime: 6000-8000H
Size: 42*34*23mm



BD-05T01.52000

Flow(@0kpa): 2L/min
Max pressure: +50kpa
Max vacuum: -40kpa
Voltage/Power: 1-4V/0.8W
Motor: brush coreless motor
Lifetime: 6000-8000H
Size: 47*47*23mm



BD-05T011.51500

Flow(@0kpa): 1.5L/min(TSI)
Max pressure: +50kpa
Max vacuum: -45kpa
Voltage/Power: 5V/0.5W
Motor: brushless motor
Lifetime: 10000H
Size: 42*35*23mm



BD-05T01.52000

Flow(@0kpa): 2.2L/min
Max pressure: +50kpa
Max vacuum: -45kpa
Voltage/Power: 5V/0.8W
Motor: brushless motor
Lifetime: 10000H
Size: 49*47*23mm



BD-05T021000

① Flow(@0kpa): 800ml/min
② Flow(@0kpa): 1200ml/min
Max pressure: +50kpa
Max vacuum: -40kpa
Voltage/Power: 1-4V/0.4W
Motor: brush motor
Lifetime: 2500-4000H
Size: 37*17.2*25.2mm



BD-05T02600

Flow(@0kpa): 600ml/min
Max pressure: +44kpa
Max vacuum: -45kpa
Voltage/Power: 5V/0.5W
Motor: brush motor
Lifetime: 8000H
Size: 39.3*17.2*25.2mm



BD-05T02.53000BC

Flow(@0kpa): 3L/min
Max vacuum: -60kpa
Voltage/Power: 1-4V/1.6W
Motor: brush coreless motor
Lifetime: 6000-8000H
Size: 41*41*24mm



BD-05T02.53000B

Flow(@0kpa): 2-3L/min
Max pressure: +90kpa
Max vacuum: -55kpa
Voltage/Power: 6/12/24V/1.6W
Motor: brush motor
Lifetime: 2000-4000H
Size: 50*24.5*43.3mm



BD-05T02.53000BL

Flow(@0kpa): 3L/min
Max vacuum: -60kpa
Voltage/Power: 12V/1.6W
Motor: brushless motor
Lifetime: 8000H
Size: 43*29*16mm



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BD-05T033L

Flow(@0kpa): 2-3L/min
Max pressure: + 90kpa
Max vacuum: -55kpa
Voltage/Power:12/24V/1.6W
Motor:brushless motor
Lifetime: 8000H
Size:41*24.5*36mm



BD-05T033L2

Flow(@0kpa): 2-3L/min
Max pressure: + 90kpa
Max vacuum: -55kpa
Voltage/Power:12/24V/1.6W
Motor:brushless motor
Lifetime: 8000H
Size:72.6*24.5*43.3mm



BD-05T047L

Flow(@0kpa): 6-7L/min
Max vacuum: -80kpa
Voltage/Power:1-5V/5W
Motor:DC coreless motor
Lifetime: 6000H
Size:56.1*22*55mm



BD-05T054.6L

Flow(@0kpa): 4.6L/min
Max pressure: 1-1.5bar
Max vacuum: -72kpa
Voltage/Power:12/24V/5W
Motor:brush motor
Lifetime: 2500H
Size:73.4*31*55mm



BD-05TVB-S

Flow(@0kpa): 4.6L/min
Max pressure: 1-1.5bar
Max vacuum: -70kpa
Voltage/Power:12/24V/5W
Motor:brushless motor
Lifetime: 10000H
Size:60.4*30*55mm



BD-05TVB

Flow(@0kpa): 7.2L/min *In parallel*
Max vacuum: -70kpa
Flow(@0kpa): 5.8L/min *In series*
Max vacuum: -90kpa
Voltage/Power:12/24V/8W
Motor:brushless motor
Lifetime: 8000-10000H
Size:76.2*32*64.3mm



BD-05T057.2L

Flow(@0kpa): 7.2L/min
Max pressure: 72kpa
Max vacuum: -70kpa
Voltage/Power:12/24V/8W
Motor:brush motor
Lifetime: 2500H
Size:77.7*31*76.2mm



BD-05T0512L

Flow(@0kpa): 12L/min
Max vacuum: -72kpa
Voltage/Power:12/24V/11W
Motor:brushless motor
Lifetime: 8000-10000H
Size:103.2*32*55mm



BD-05T055L

Flow(@0kpa): 5L/min
Max vacuum: -98kpa
Voltage/Power:12/24V/11W
Motor:brushless motor
Lifetime: 10000H
Size:113.4*32*76.2mm



BD-05T054.2L

Flow(@0kpa): 4.2L/min
Max pressure: 1-1.5bar
Max vacuum: -60kpa
Voltage/Power:12/24V/5W
Motor:brushless motor
Lifetime: 8000H
Size:60.9*30*60.7mm



BD-05T0610L

Flow(@0kpa): 10L/min
Max pressure: 2.5bar
Max vacuum: -85kpa
Voltage/Power:12/24V/16W
Motor:brushless motor
Lifetime: 8000H
Size:80.5*46*77mm



BD-05T0615L

Flow(@0kpa): 15L/min
Max pressure: 1.7bar
Max vacuum: -85kpa
Voltage/Power:12/24V/14W
Motor:brush motor
Lifetime: 4000-6000H
Size:173*46*77mm



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BD-05T067L

Flow(@0kpa): 7L/min
Max pressure: +1.7bar
Max vacuum: -95kpa
Voltage/Power:12/24V/8W
Motor:brush motor
Lifetime: 4000-6000H
Size:137*46*77mm 980g



BD-05T0614L

Flow(@0kpa): 14L/min
Max pressure: +1.9bar
Max vacuum: -85kpa
Voltage/Power:12/24V/18W
Motor:brushless motor
Lifetime: 8000H
Size:109.8*46*91.1mm 610g



BD-05T067LM

Flow(@0kpa): 7L/min
Max pressure: 1-1.5bar
Max vacuum: -70kpa
Voltage/Power:24V
Motor:brushless motor
Lifetime: >8000H
Size:128*62.5*119mm 1.6KG



BD-05T067LF

Flow(@0kpa): 7L/min
Max pressure: +1bar
Max vacuum: -100kpa
Voltage/Power:12/24V/30W
Motor:brush motor
Lifetime: 5000H
Size:193.5*46*110mm 1.33KG



BD-05T0914L

Flow(@0kpa): 14L/min
Max pressure: 1.5-2bar
Max vacuum: -80kpa
Voltage/Power:24V/20W
Motor:brush
Lifetime: 4000H
Size:123*49*103mm 734g



BD-05T0917L

Flow(@0kpa): 17L/min
Max pressure: +1.9bar
Max vacuum: -95kpa
Voltage/Power:24V/30W
Motor:brush
Lifetime: 4000H
Size:171*64*105mm 1.03g



BD-05T1040L

Flow(@0kpa): 40L/min
Max pressure: +1bar
Max vacuum: -90kpa
Voltage/Power:12/24V/8W
Motor:brush motor
Lifetime: 2500H
Size:131*120*80mm 1.9KG



BD-05T1060L

Flow(@0kpa): 60L/min
Max pressure: +2bar
Max vacuum: -85kpa
Voltage:12/24V
Power: 50-100W
Motor:brush motor
Lifetime: 8000H
Size:231*80.7*120mm 3.32KG



BD-05T1045L

Flow(@0kpa): 45L/min
Max pressure: +2bar
Max vacuum: -99kpa
Voltage/Power:24V/100W
Motor:brush
Lifetime: 6000-8000H
Size:254.6*82.7*169.6mm
Weight:4.7KG



BD-05TR5LB

Flow(@0kpa): 5L/min
Max pressure: 2-3bar
Max vacuum: -70kpa
Voltage/Power:12/24V/8W
Motor:brush motor
Lifetime: 2500H
Size:64*31*54mm



BD-05TR5LBL

Flow(@0kpa): 5L/min
Max pressure: 2-3bar
Max vacuum: -70kpa
Voltage/Power:12/24V/8W
Motor:brushless motor
Lifetime: 8000H
Size:64*31*54mm



BD-05TR4L

Flow(@0kpa): 4L/min
Max pressure: 4-5bar
Max vacuum: -75kpa
Voltage/Power:12/24V/11W
Motor:brushless motor
Lifetime: 8000H
Size:107.7*31*53.9mm



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BD-05TR4L

Flow(@0kpa): 12L/min
Max pressure: 2bar
Max vacuum: -70kpa
Voltage/Power: 12/24V/11W
Motor: brushless motor
Lifetime: 8000H
Size: 107.7*31*53.9mm



BD-05TR16L

Flow(@0kpa): 16L/min
Max pressure: 8-10bar
Max vacuum: -85-90kpa
Voltage/Power: 12/24V/50W
Motor: brush motor
Lifetime: 6000-8000H
Size: 136*52*109mm 1.04KG



BD-05TR17L

Flow(@0kpa): 17L/min
Max pressure: 8-10bar
Max vacuum: -85kpa
Voltage/Power: 12/24V/50W
Motor: brushless motor
Lifetime: 6000-8000H
Size: 124*57*109mm 936g



BD-05TR30L

Flow(@0kpa): 30L/min
Max pressure: 8-10bar
Max vacuum: -85-90kpa
Voltage/Power: 12/24V/130W
Motor: brush motor
Lifetime: 6000-8000H
Size: 185*63*112mm 2KG



BD-05TR32L

Flow(@0kpa): 32L/min
Max pressure: 8-10bar
Max vacuum: -85kpa
Voltage/Power: 12/24V/100W
Motor: brushless motor
Lifetime: 6000-8000H
Size: 185*63*112 2KG



BD-05T30K30L

Flow(@0kpa): 30L/min
Max pressure: +1.4bar
Max vacuum: -88kpa
Voltage/Power: 12/24V/40W
Motor: brush
Lifetime: 8000H
Size: 84*72*103mm 716g



BD-05T30K50L

Flow(@0kpa): 50L/min
Max pressure: +1.2bar
Max vacuum: -80kpa
Voltage/Power: 24V/50W
Motor: brushless motor
Lifetime: 8000H
Size: 173*70*104.5mm 1.8KG



BD-05T30K

Flow(@0kpa): 25L/min
Max pressure: +2.5bar
Max vacuum: -99kpa
Voltage/Power: 24V/50W
Motor: brushless motor
Lifetime: 8000H
Size: 173*70*104.5mm 1.8KG



BD-05TFD700W

Max Flow(Water): 700mL/min
Max suction lift : 6mWg
Maximum lift: 50mWg
Voltage/Power: 12/24V/10W
Motor: brush motor
Lifetime: 2500H
Size: 82*30*60mm



BD-05TF700W

Max Flow(Water): 700mL/min
Max suction lift : 6mWg
Maximum lift: 50mWg
Voltage/Power: 12/24V/10W
Motor: brushless motor
Lifetime: 8000H
Size: 79*30*60mm



BD-05T60W

Max Flow(Water): 280mL/min
Max suction lift : 4mWg
Maximum lift: 60mWg
Voltage/Power: 12/24V/3W
Motor: brush motor
Lifetime: 2500H
Size: 77.4*44.6*43.15mm



BD-05T60WB

Max Flow(Water): 280mL/min
Max suction lift : 4mWg
Maximum lift: 60mWg
Voltage/Power: 12/24V/4W
Motor: brushless motor
Lifetime: 8000H
Size: 62*44.6*43.15mm