

Ordering Information

TRIVAC

	D 16 BCS-PFPE two-stage	D 25 BCS-PFPE two-stage	D 40 BCS-PFPE two-stage	D 65 BCS-PFPE two-stage
	Part No.	Part No.	Part No.	Part No.
TRIVAC BCS-PFPE with 3-phase motor 200-240 V (200 V IE2) / 380-400 V (380-400 V IE 2), 50 Hz / 200-240 (208-240 V EPact) / 380-480 V (416-480 V EPact), 60 Hz	113 69	113 79	113 89	113 99
Accessories				
Roots pump adaptor	-	-	168 30	168 30
Exhaust filter with lubricant return ARS 16-25	189 56	189 56	-	-
ARS 40-65	-	-	189 57	189 57
Condensate trap AK 16-25	188 11	188 11	-	-
AK 40-65	-	-	188 16	188 16
Chemical filter with safety isolation valve CFS 16-25	101 76	101 76	-	-
CFS 40-65	-	-	101 77	101 77
Inert gas system IGS 16-25	161 76	161 76	-	-
IGS 40-65	-	-	161 68V	161 68V
Limit switch system LSS 16-25	161 06	161 06	-	-
LSS 40-65	-	-	161 07	161 07
Spare Parts				
Major maintenance kit, LVO 400 (without oil)	EK110002644	EK110002645	EK110002637	EK110002638
Shaft sealing replacement kit	EK110002650	EK110002650	EK110002643	EK110002643
Small parts kit	-	-	EK110002651	EK110002651
Seal kit	197 41	197 41	197 42	197 42
For further accessories see section "Accessories for TRIVAC E, B and BCS"				





Only available for purchase in North and South America

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	D 16 BCS-PFPE two-stage	D 25 BCS-PFPE two-stage
	Part No.	Part No.
TRIVAC BCS-PFPE with 1-phase motor 220-230 V, 50/60 Hz, NEMA plug	-	913 79-2

Motor Dependent Data for the TRIVAC B, BCS and BCS-PFPE

Pump type		D 4 / 8 B	D 4 / 8 B	D 4 / 8 B	D 4 / 8 B
Part No. of the pump		140 081, 140 082	112 45, 112 55	112 46, 112 56 112 5631, 140 246	140 140, 140 150
Motor part number		100002292	6507733	6508538	20010406
Size		80	71	71	71L
Protection class		IP 54	IP 55	IP 55	IP 55
Operating mode in acc. w. IEC 34 / NEMA		S1	S1	S1	S1
Insulation class		F	F	F	F
Phases		1~	1~	3~	3~
Efficiency class		-	-	-	-
Number of poles		4	4	4	4
Nominal output power at 50 Hz at 60 Hz		570 W 660 W	370 W -	370 W 440 W	370 W -
Nominal input frequency		50 Hz / 60 Hz	50 Hz	50 Hz / 60 Hz	50 Hz
Nominal voltage range and nominal current (Mains voltage tolerance $\pm 10\%$) at 50 Hz		100-115 V / 7.7 A - 210-230 V / 4.0 A -	230 V / 3.0 A - -	200-240 V / 2.15 A - 380-400 V / 1.07 A -	230 V / 1.84 A - 400 V / 1.06 A -
at 60 Hz		100-115 V / 5.6 A - 210-230 V / 2.8 A -	- - -	200-240 V / 2.15 A - 380-480 V / 1.07 A -	- - - -
Nominal speed 50 Hz 60 Hz	rpm rpm	1420 1690	1410 -	1430 1735	1390 -
Maximum operating altitude above sea level		1000 m above sea level	1000 m above sea level	1000 m above sea level	1000 m above sea level
Max. ambient temperature during operation	$^{\circ}\text{C}$ ($^{\circ}\text{F}$)	40 (104)	40 (104)	40 (104)	40 (104)
Terminal board / plug		Multi-pin plug at junction box, mains cord 20081091 (1.8 m) with Schuko plug CEE 7/7 (Included in delivery), mains cord 20081097 (1.8 m) with UK plug BS 1363 (optional), mains cord 20081099 (1.8 m) with CH plug SEV 1011 (optional), mains cord 20081141 (1.8 m) with US plug NEMA 6-15P (optional), mains cord 20081090 (1.8 m) with US plug NEMA 5-15P (100-120 V) (optional)	mains cord (2 m) with Schuko plug CEE	9 pins	6 pins
Certifications					
Shaft dimension $\varnothing d / l$	mm (in.)	14 / 30 (0.55 / 1.18)	14 / 30 (0.55 / 1.18)	14 / 30 (0.55 / 1.18)	14 / 30 (0.55 / 1.18)
Size of flange A/B	mm (in.)	140 / 95 (5.51 / 3.74)	140 / 95 (5.51 / 3.74)	140 / 95 (5.51 / 3.74)	140 / 95 (5.51 / 3.74)
Length of the pump	mm (in.)	480 (18.90) (D 4 B) 504 (19.84) (D 8 B)	442 (18.11) (D 4 B) 467 (19.06) (D 8 B)	458 (18.62) (D 4 B) 483 (19.57) (D 8 B)	467 (18.39) (D 4 B) 491 (19.33) (D 8 B)
Height up to top edge of junction box h_4	mm (in.)	254 (10.0)	258 (10.16)	247 (9.72)	241 (9.49)