



Professional Diamond Tools& Machinery

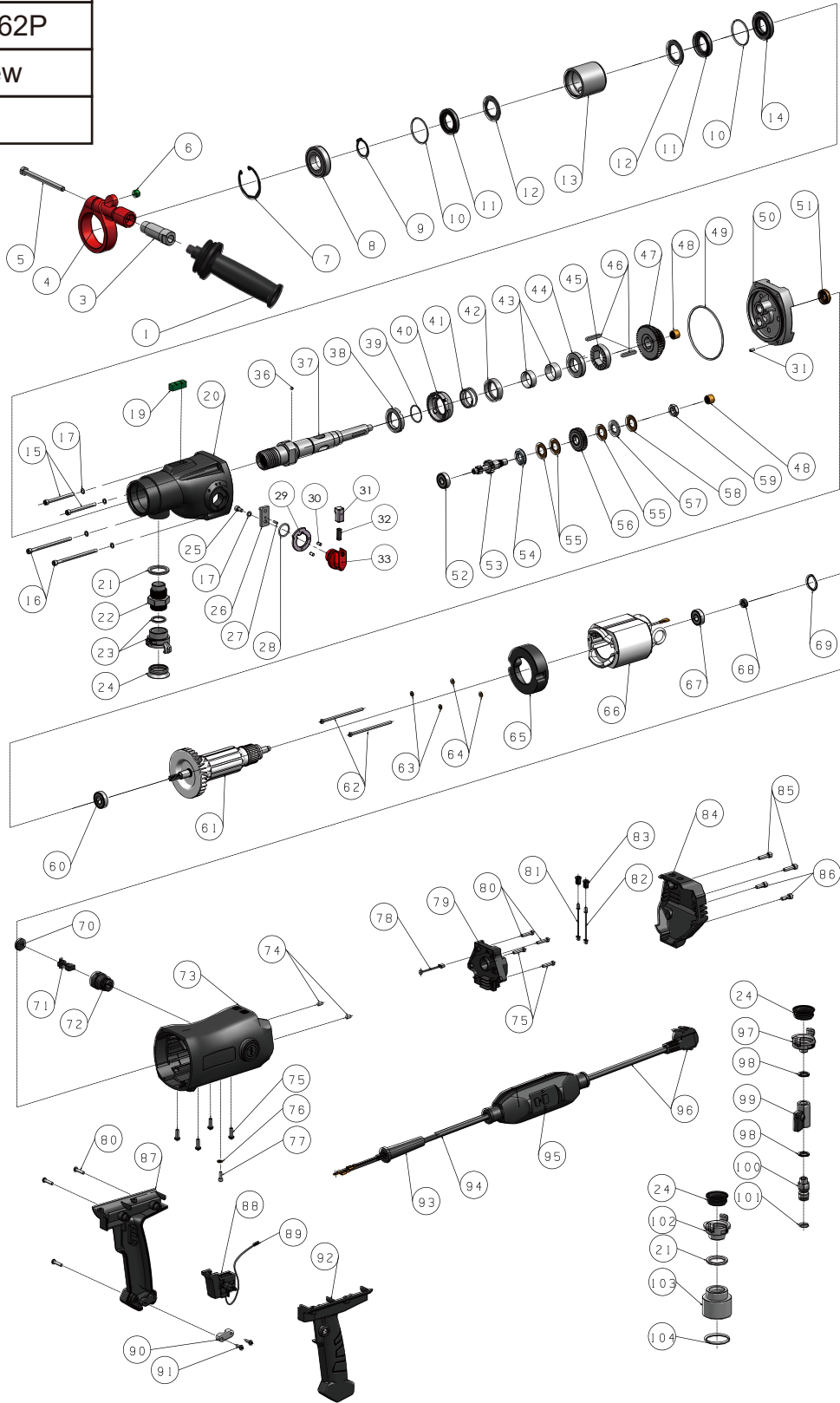
Hangzhou Bycon Industry Co., Ltd.

Core drill motor

Model: DB-162P

Exploded view

Parts list



Quick Wear Parts Mark	No.	Parts Name	Qty	Quick Wear Parts Mark	No.	Parts Name	Qty
	1	Front grip, plastic	1	*	57	Clutch disk	1
	3	Front grip connecting rod	1	*	58	Disk spring	1
	4	Front grip clamp bracket	1	*	59	Hex nut M12xP1.25 T=6 mm	1
	5	Hex head cap bolt M8x100	1		60	Deep groove ball bearing 6001V	1
	6	Bubble level Φ12	1	*	61	Rotor assy. (230V)	1
	7	Internal circlip Φ52	1			Rotor assy. (120V)	1
	8	Deep groove ball bearing 6028Z	1		62	Cross recessed tapping screw M4x95	2
	9	External circlip Φ28	1		63	Spring washer M4	2
	10	Wire circlip Φ45xΦ2	2		64	Washer 4.2	2
*	11	Skeleton oil seal TC 28x43x7	2		65	Wind deflector	1
	12	Water ring washer Φ43xΦ28.2x2	2	*	66	Stator assy. (230V)	1
	13	Water ring bushing	1			Stator assy. (120V)	1
*	14	Skeleton oil seal TC 25x47x7	1		67	Deep groove ball bearing 6000Z	1
	15	Cross recessed tapping screw M5x50	2		68	Magnetic ring, grade 2 (Φ14xΦ7x5.5)	1
	16	Cross recessed tapping screw M5x80	2		69	Wave washer Φ26	1
	17	Flat washer (Φ5xΦ9x1)	4		70	Carbon brush cover	2
	19	Square bubble level 10x10x30	1		71	Carbon brush	2
	20	Gearbox housing	1		72	Carbon brush holder	2
	21	Seal gasket (Φ35xΦ27.1x3)	2		73	Motor housing	1
	22	G3/4" Male thread connector	1		74	Cone point socket set screw M5x10	2
	23	G3/4" Female thread quick detach coupler	1		75	Hex socket mushroom cap screw M4x20	6
	24	Special-shaped sealing ring for coupler	3		76	Serrated lock washers external teeth M4	1
	25	Hex head cap screw M5x12	1		77	Cross recessed pan head screw M4x6	1
	26	Gearshift lever	1		78	Temperature sensing line	1
	27	Dowel pin Φ3x8	1	*	79	Motor PCBA (230v)	1
	28	O-ring (Φ22xΦ2)	1			Motor PCBA (120v)	1
	29	Knob flat pad	1		80	Hex head cap screw M4x25	5
	30	Cylinder pin Φ4x8	3		81	Yellow LED	1
	31	Knob press pin	1		82	Red LED	1
	32	Spring, Φ5x0.6x35	1		83	LED socket	2
					84	Motor tail cover	1
	33	Gear adjustment knob	1		85	Cross recessed tapping screw M5x25	2
					86	Cross recessed tapping screw M5x20	2
					87	Pistol grip right cover	1
					88	Trigger switch	1
	36	Steel ball 5/32" (Φ3.969)	1	*	89	Switch cable	1
	37	Spindle shaft	1		90	Cable clamp	1
	38	Micro-percussion ring gear	1		91	Cross recessed tapping screw M4x16	2
	39	Wire circlip Φ28	1		92	Pistol grip left cover	1
	40	Mode select ring	1		93	Power cord gland	1
	41	Micro-percussion spring	1		94	Power cord (230v/3x1.5²)	1
	42	Spring steel bushing	1			Power cord (120v/3x14AWG)	1
*	43	Water ring shaft sleeve (Φ28xΦ26x9.5)	2		95	PRCD (230V)	1
*	44	Ratchet wheel	1			PRCD (120V)	1
*	45	Engagement ratchet wheel	1		96	Power plug (230V)	1
	46	Key 5x5x30	2			Power plug (120V)	1
	47	Pinion Z45-Z38	1		97	Quick detach coupler G1/4"	1
	48	Drawn cup needle bearing HK1010	2		98	Flat washer for assembly BS/A12.7 (12.7x19x1.5)	2
	49	O-ring (Φ85xΦ2.5)	1		99	Water valve switch	1
	50	Gear cover plate	1		100	Water valve coupler	1
*	51	Skeleton oil seal TC 12x24x7	1		101	O-ring (Φ16xΦ3.1)	1
	52	Deep groove ball bearing 629Z	1		102	G3/4" quick detach coupler	2
	53	Pinion shaft Z15-Z8	1		103	Dust exhaustor coupler	1
	54	Friction washer	1		104	O-ring (Φ42xΦ4)	1
*	55	Copper friction disk	3				
	56	Helical gear Z34-M1 Right Hand	1				