

PYD

ELECTROBOMBAS

SERIE

KBZ

BOMBA DE ACHIQUE
DRAINAGE PUMP
POMPE DE DRAINAGE



CATÁLOGO TÉCNICO

TECHNICAL CATALOGUE
CATALOGUE TECHNIQUE

1. DESCRIPCIÓN DESCRIPTION DESCRIPTION

Bombas de achique trifásicas con carcasa rígida de hierro fundido para dotarlas de gran durabilidad. Alta profundidad de inmersión gracias a su cierre mecánico resistente a altas presiones. Impulsor semiabierto de aleación de alto contenido en cromo con recubrimiento antiabrasión para alargar la vida útil. Los modelos por debajo de 15,0 kW cuentan con protección térmica.

✿ Three-phase sump pumps with a rigid cast iron casing for enhanced durability. High immersion depth thanks to their mechanical seal resistant to high pressures. Semi-open impeller made of high-chromium alloy with anti-abrasion coating to extend the service life. Models below 15.0 kW include thermal protection.

🇫🇷 Pompes de puisard triphasées avec un carter rigide en fonte pour une grande durabilité. Grande profondeur d'immersion grâce à leur joint mécanique résistant aux hautes pressions. Impulseur semi-ouvert en alliage à haute teneur en chrome avec revêtement anti-abrasion pour prolonger la durée de vie. Les modèles en dessous de 15,0 kW sont équipés d'une protection thermique.



MATERIALES

Cuerpo de bomba: Fundición
Cuerpo de motor: Fundición
Impulsor: Aleación de cromo y hierro fundido dúctil (recubrimiento antiabrasión)
Cierre mecánico:
(≤2,2Kw) Sic-Sic/Carb-Sic
(≥3,7Kw) Sic-Sci/Sic-Sic

✿ MATERIALS

Pump body: Cast iron
Motor body: Cast iron
Impeller: High chromium alloy and ductile cast iron (anti-abrasion coating)
Mechanical seal:
(≤2.2 kW) Sic-Sic/Carb-Sic
(≥3.7 kW) Sic-Sci/Sic-Sic

🇫🇷 MATÉRIELS

Corps de pompe: Fonte
Corps de moteur: Fonte
Impulseur: Alliage de chrome et fonte ductile (revêtement anti-abrasion)
Joint mécanique:
(≤2,2 kW) Sic-Sic/Carb-Sic
(≥3,7 kW) Sic-Sci/Sic-Sic

ÁREA DE TRABAJO

Temperatura máx. del líquido: 40°C
Grado de protección: IP68
Aislamiento: F
Profundidad máx. de inmersión: 25 m

✿ WORKING RANGE

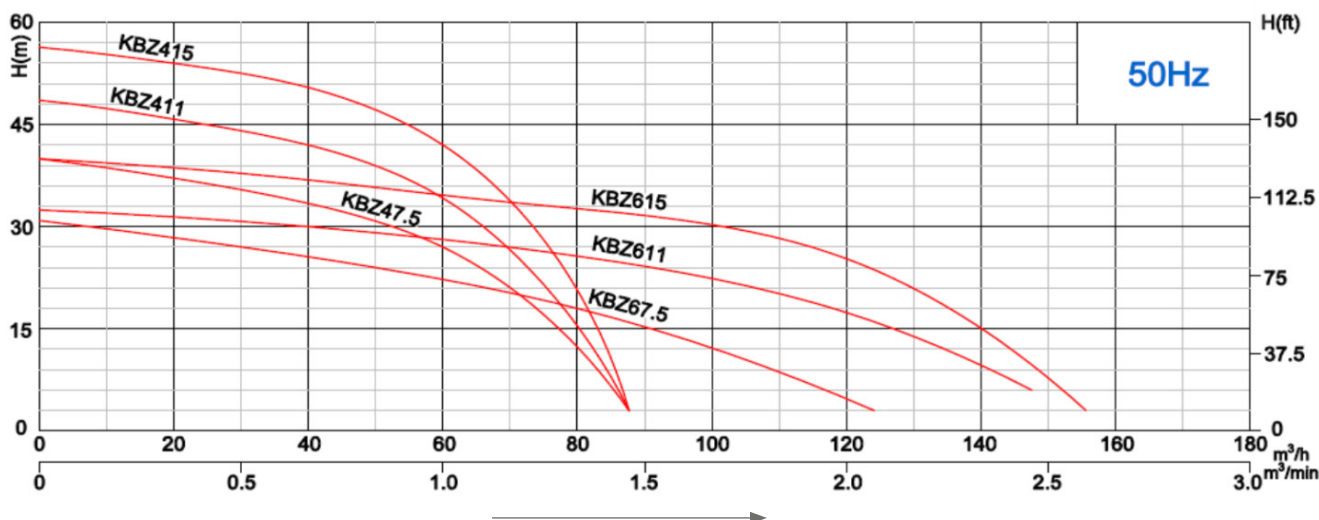
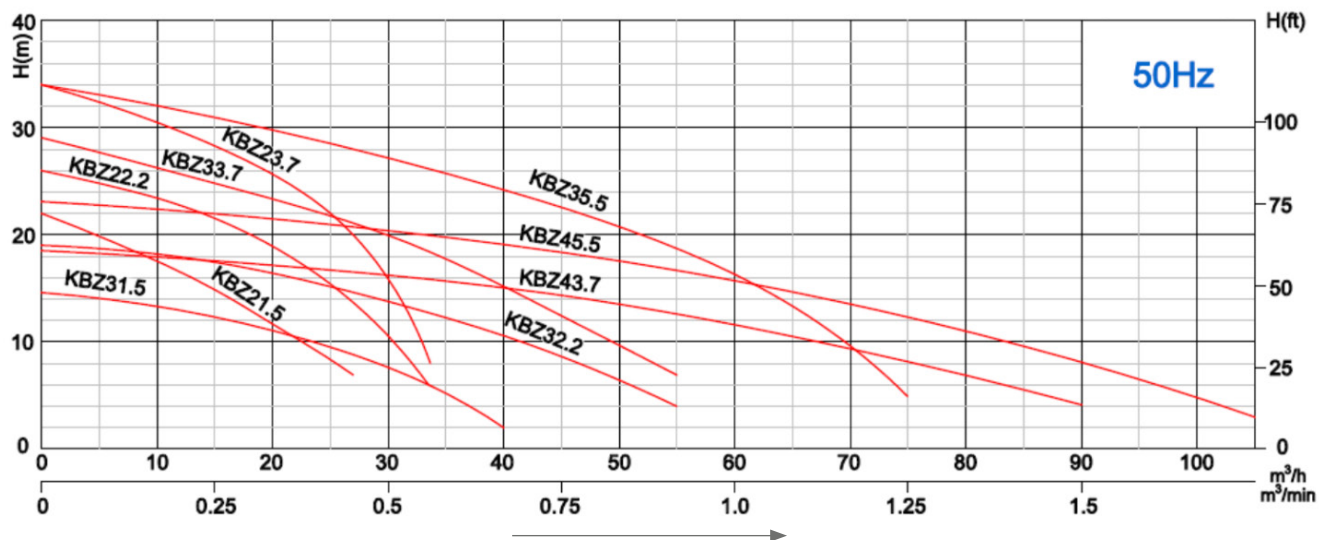
Max. liquid temperature: 40°C
Protection rating: IP68
Insulation: F
Max. immersion depth: 25 m

🇫🇷 PLAGUE DE TRAVAIL

Température max. du liquide: 40°C
Indice de protection: IP68
Isolation: F
Profondeur max. d'immersion: 25 m

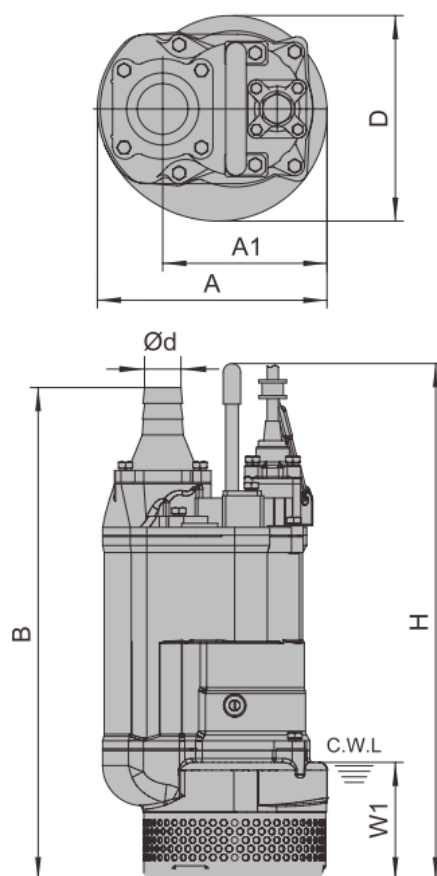
2. CURVAS CURVES COURBES

50 Hz n= 2890 min



MODELO MODEL MODÈLE	P ₂		CONSUMO (A)		DN	SÓLIDOS		PESO	CAUDAL FLOW DÉBIT												
	kW	Hp	400V	mm		mm	Kg		m³/h	0	20	40	50	60	70	80	90	105	120	147	156
KBZ21.5	1,5	2,0	3,5	50	8,5	40,0			l/min	0	333	667	833	1000	1167	1333	1500	1750	2000	2450	2600
KBZ31.5	1,5	2,0	3,5	80	8,5	40,0			ALTURA DE CARGA EN METROS LOADING HEIGHT IN METRES HAUTEUR DE CHARGEMENT EN MÈTRES												
KBZ22.2	2,2	3,0	5,0	50	8,5	43,0			22	12											
KBZ32.2	2,2	3,0	5,0	80	8,5	43,0			14	11	2										
KBZ23.7	3,7	5,0	7,7	50	8,5	68,0			26	19											
KBZ33.7	3,7	5,0	7,7	80	8,5	68,0			20	16	10	6									
KBZ43.7	3,7	5,0	7,7	100	8,5	68,0			34	26											
KBZ35.5	5,5	7,5	11,4	80	8,5	84,0			29	23	15	9									
KBZ45.5	5,5	7,5	11,4	100	8,5	84,0			19	17	16	14	11	9	7	4					
KBZ47.5	7,5	10,0	15	100	11,5	116,0			34	30	24	21	16	10							
KBZ67.5	7,5	10,0	15	150	19,5	119,0			23	22	18	16	15	13	10	8	2				
KBZ411	11,0	15,0	22	100	11,5	148,0			40	37	34	31	27	21	12						
KBZ611	11,0	15,0	22	150	19,5	150,0			32	28	25	24	22	20	18	15	12	5			
KBZ415	15,0	20,0	29,5	100	11,5	158,0			49	46	42	39	34	27	15						
KBZ615	15,0	20,0	29,5	150	19,5	160,0			32	31	30	29	27	26,5	25	24	21	17	6		
									58	54	51	46	42	34	21						
									40	38	36	34	33	32	31	30	28	23	13	3	

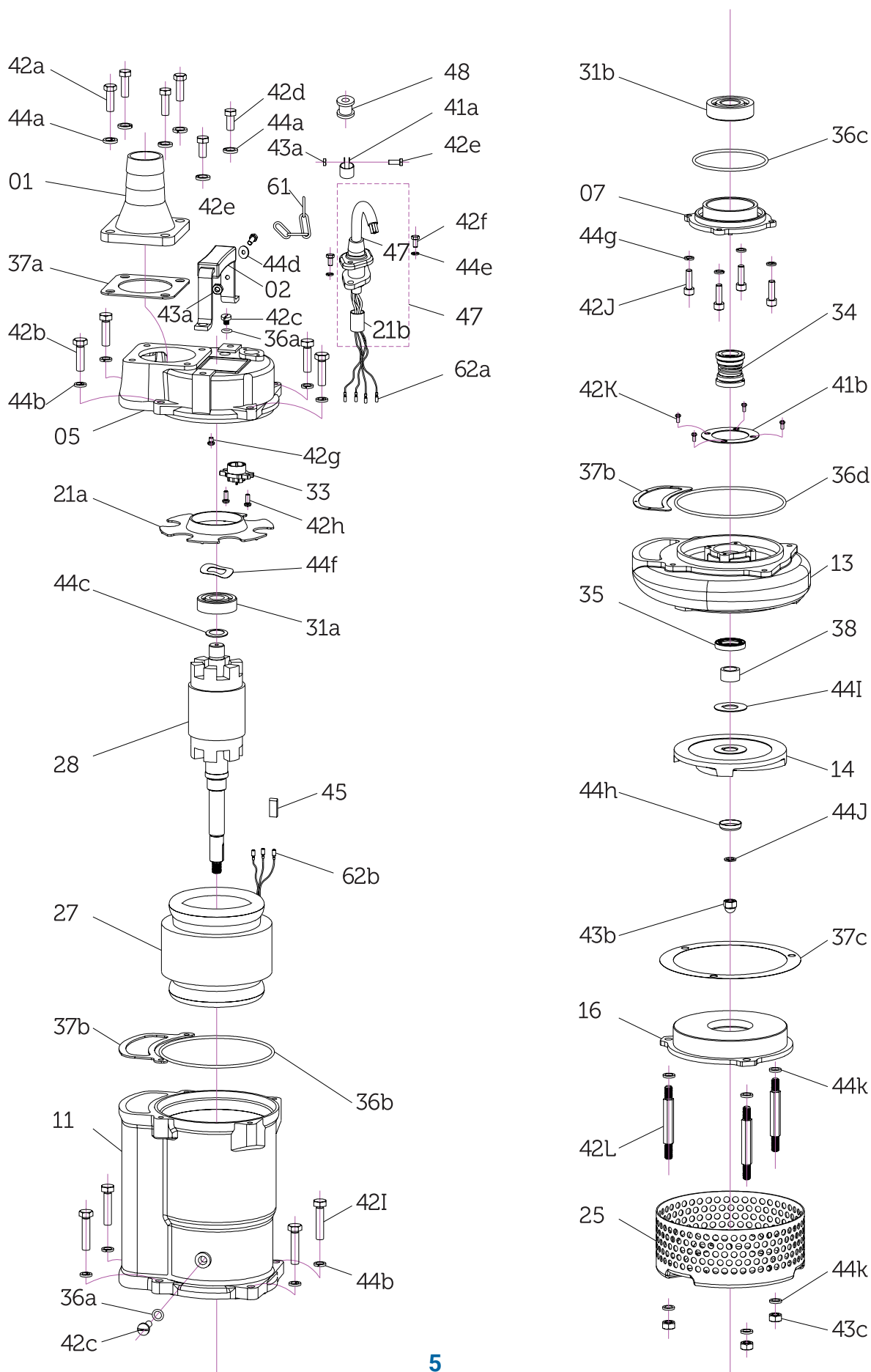
3. MEDIDAS MEASURES MESURES



MODELO MODEL MODÈLE	d mm	A mm	A1 mm	B mm	D mm	H mm	W1 mm	N.W kg	G.W kg
KBZ21.5	50	235	173	535	216	505	120	36	40
KBZ31.5	80	235	173	535	216	505	120	36	40
KBZ22.2	50	235	173	535	216	505	120	39	43
KBZ32.2	80	235	173	535	216	505	120	39	43
KBZ23.7	50	283	208	628	252	629	150	63	68
KBZ33.7	80	283	208	628	252	629	150	63	68
KBZ43.7	100	283	208	642	252	629	150	63	68
KBZ35.5	80	283	208	671	252	590	150	77	84
KBZ45.5	100	283	208	686	252	590	150	77	84
KBZ47.5	100	330	240	764	314	676	190	106	116
KBZ67.5	150	330	240	790	314	676	190	108	119
KBZ411	100	373	255	807	350	695	190	136	148
KBZ611	150	373	255	807	350	695	190	139	150
KBZ415	100	373	255	842	350	755	190	144	158
KBZ615	150	373	255	842	350	755	190	146	160

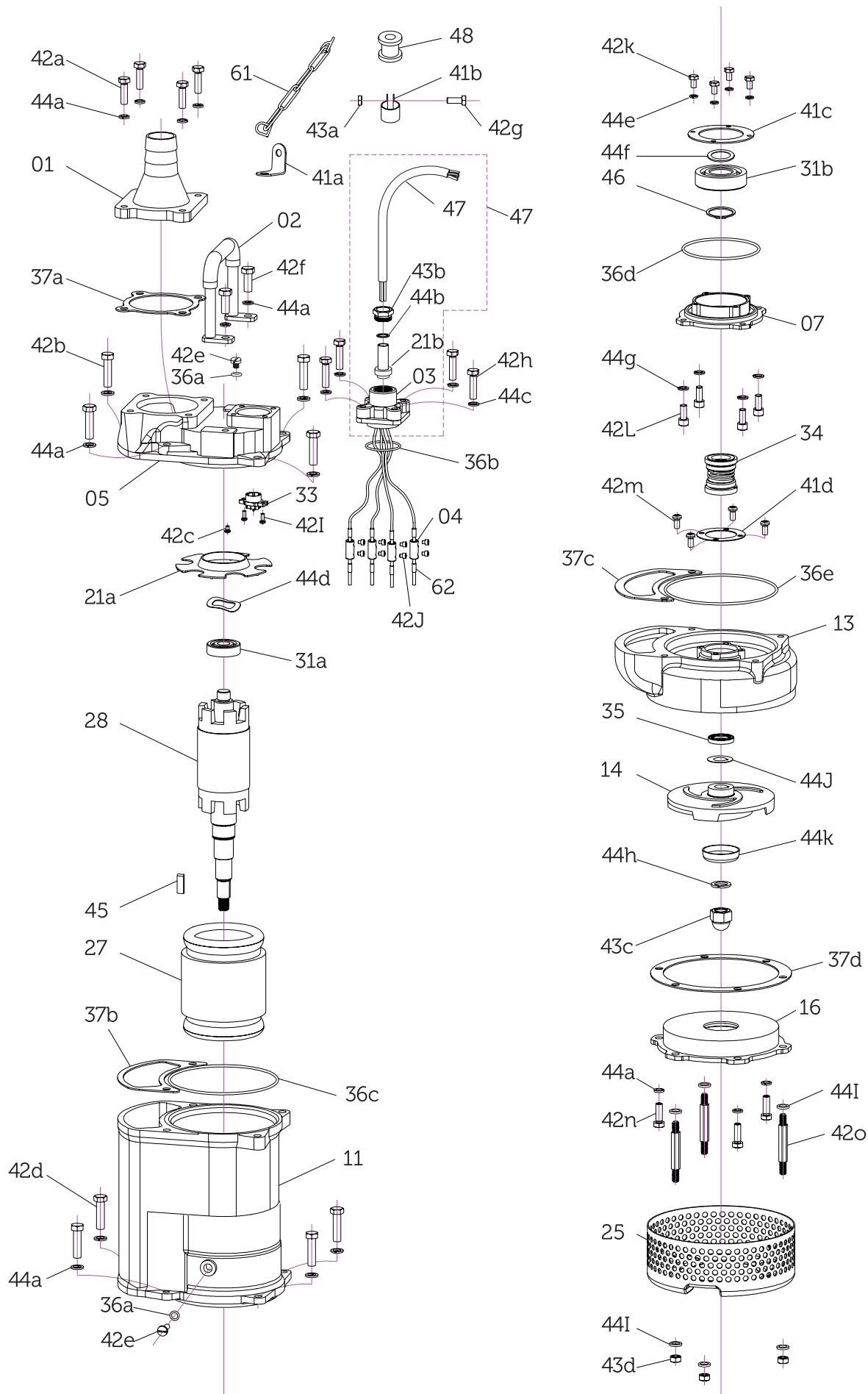
4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE

KBZ 1.5 ~ 2.2 kW



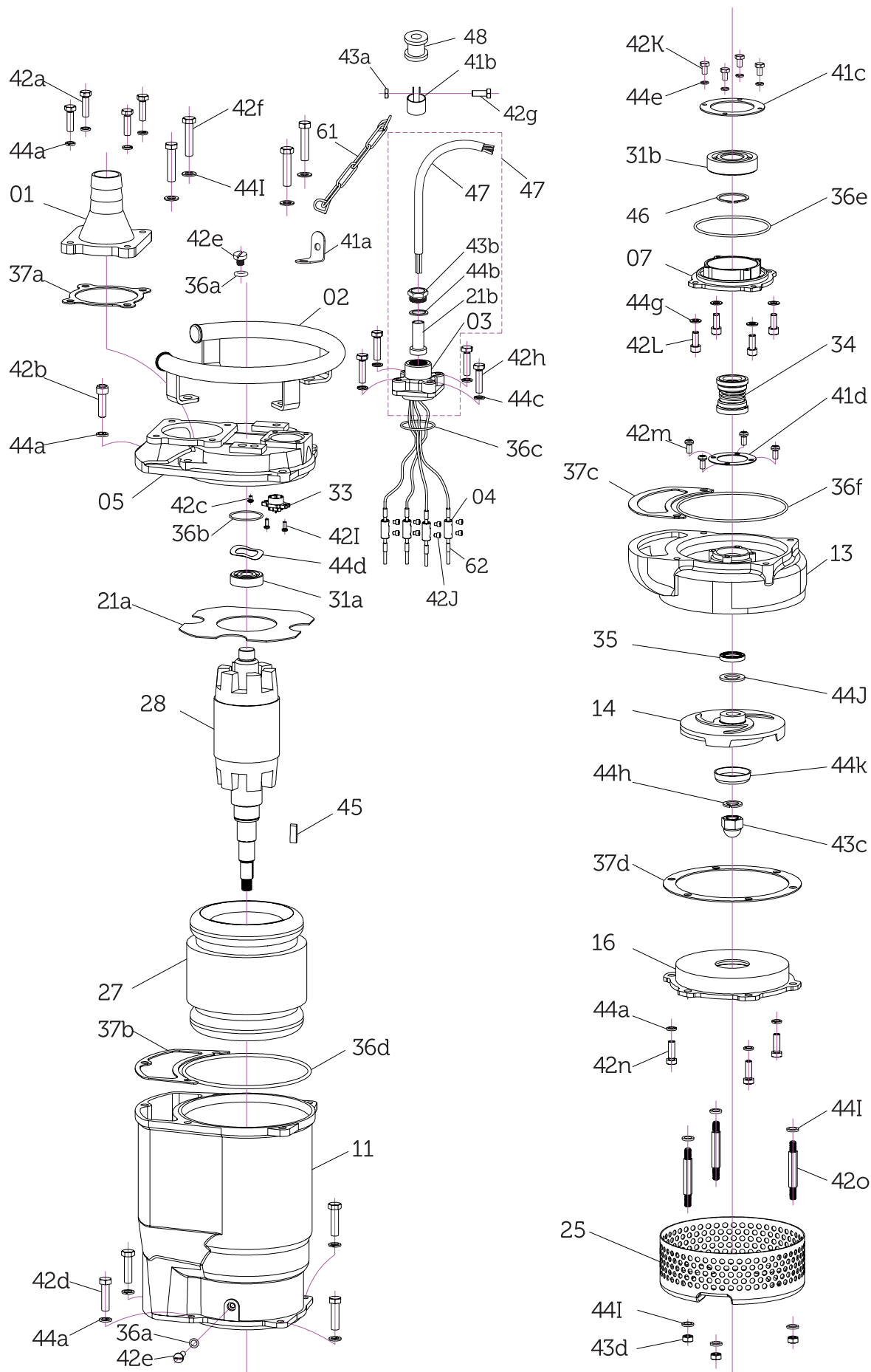
NÚMERO	DESCRIPCIÓN	CANTIDAD	MATERIAL
01	Hose coupling	1	Cast iron
02	Handle	1	Rubber & steel
05	Upper cover	1	Cast iron
07	Bearing house	1	Cast iron
11	Motorbody	1	Cast iron
13	Pump body	1	Cast iron
14	Impeller	1	High chrome alloy
16	Inlet plate	1	Ductil e iron
21a	Protecting plate	1	
21b	Protecting cap	1	PA66
25	Strainer	1	Steel
27	Stator	1	
28	Rotor	1	Shaft: AISI 420SS
31a	Bearing	1	
31	Bearing	1	
31b	Motor protector	1	
33	Mechanical seal	1	Sic-Sic / Carbon-Sic
34	Oil seal	1	
35	O' ring	2	NBR
36a	O' ring	1	NBR
36b	O' ring	1	NBR
36c	O' ring	1	NBR
36d	Gasket	1	NBR
37a	Gasket	2	NBR
37b	Gasket	1	PVC
37c	Shaft sleeve	1	AISI 420 SS
38	Cable clampling band	1	AISI 420 SS
41a	Mechanical seal fixing plate	1	
41b	Bdt	4	AISI 304 SS
42a	Bdt	4	AISI 304 SS
42b	Screw	2	AISI 304 SS
42c	Bdt	2	AISI 304 SS
42d	Bdt	2	AISI 304 SS
42f	Blot	2	AISI 304 SS
42g	Screw	1	
42h	Screw	2	
42l	Bdt	4	AISI 304 SS
42J	Screw	4	
42K	Screw	4	
42L	Screw	3	AISI 420 SS
43a	Nut	2	AISI 304 SS
43b	Cap nut	1	AISI 304 SS
43c	Nut	3	AISI 304 SS
44a	Spring washer	6	AISI 304 SS
44b	Spring washer	8	AISI 304 SS
44c	Bearing washer	1	
44d	Washer	1	AISI 304 SS
44e	Washer	2	AISI 304 SS
44f	Wavepad	1	65Mn
44g	Spring washer	4	
44h	Profiled pad	1	AISI 420 SS
44l	Impeller washer	1	AISI 304 SS
44J	Spring washer	1	AISI 304 SS
44K	Washer	6	AISI 304 SS
45	Key	1	
47	Cable	1	
47	Cable assembly	1	
48	Rubber sleeve	1	NBR
61	Chain	1	
62a	Connecting terminal	4	
62b	Connecting terminal	4	

KBZ 3.7 kW



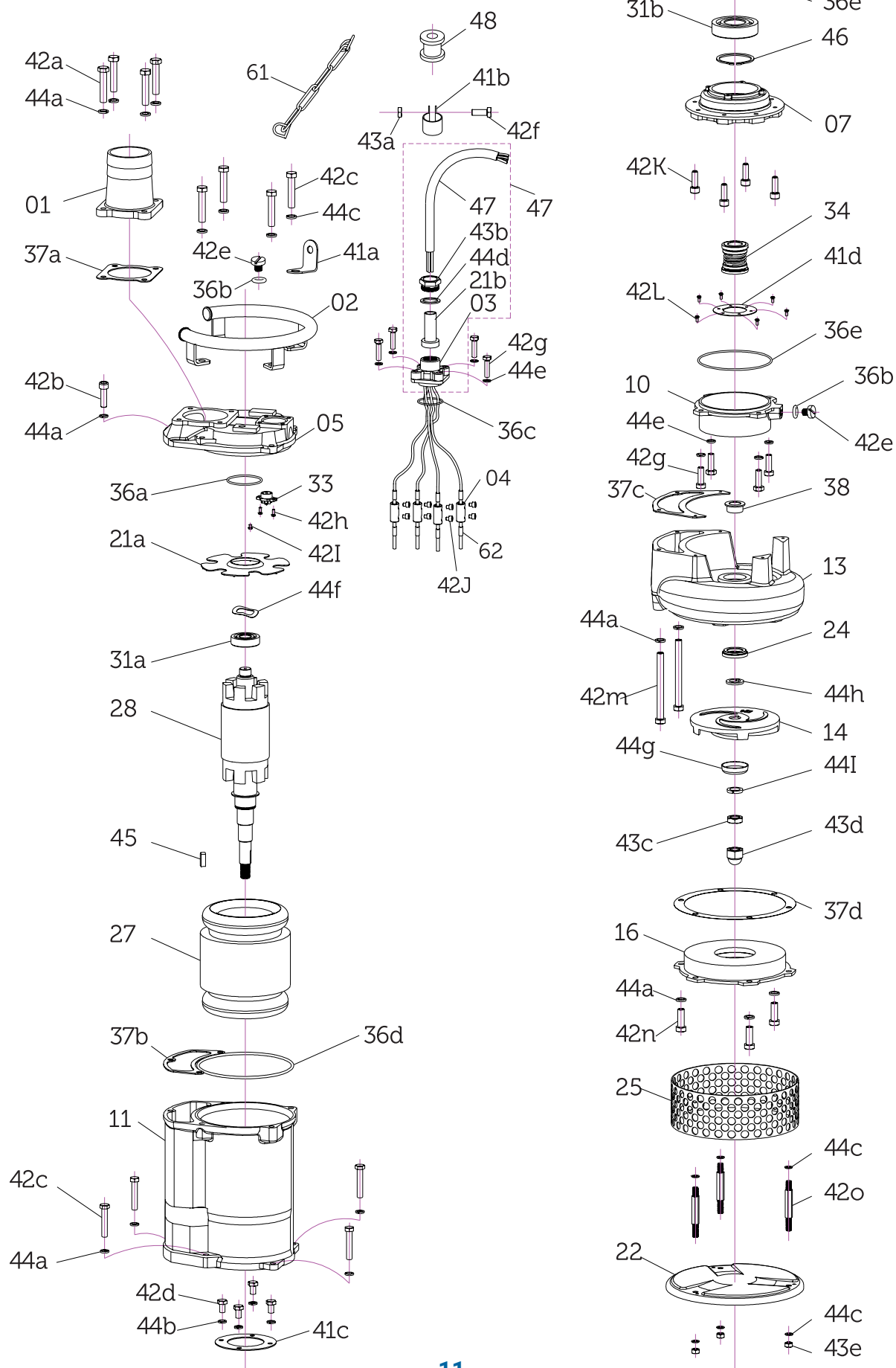
NÚMERO	DESCRIPCIÓN	CANTIDAD	MATERIAL
01	Hose coupling	1	Cast iron
02	Handle	1	Rubber & steel
03	Terminal box	1	Cast iron
04	Terminal block	4	H62
05	Upper cover	1	Cast iron
07	Bearing house	1	Cast iron
11	Motor body	1	Cast iron
13	Pump body	1	Cast iron
14	Impeller	1	High chrome alloy
16	Inlet plate	1	Ductile iron
21a	Protecting plate	1	PA66
21b	Protecting cap	1	NBR
25	Strainer	1	Steel
27	Stator	1	
28	Rotor	1	Shaft: AISI 420 SS
31a	Bearing	1	
31b	Bearing	1	
33	Motor protector	1	
34	Mechanical seal	1	Sic-Sic / Sic-Sic
35	Oil seal	1	
36a	O'ring	2	NBR
36b	O'ring	1	NBR
36c	O'ring	1	NBR
36d	O'ring	1	NBR
37a	Gasket	1	NBR
37b	Gasket	1	NBR
37c	Gasket	1	NBR
37d	Gasket	1	PVC
41a	Shim	1	
41b	Cable clamping band	1	AISI 420 SS
41c	Bearing fixing plate	11	
41d	Mechanical seal fixing plate	1	
42a	Bolt	4	AISI 304 SS
42B	Bolt	4	AISI 304 SS
42c	Screw	1	
42d	Bolt	4	AISI 304 SS
42e	Screw	2	AISI 304 SS
42f	Bolt	2	AISI 304 SS
42g	Bolt	1	AISI 304 SS
42h	Bolt	4	AISI 304 SS
42I	Screw	2	
42J	Screw	8	AISI 304 SS
42K	Bolt	4	
42L	Screw	4	
42m	Screw	4	
42n	Bolt	3	AISI 304 SS
42o	Screw	3	AISI 420 SS
43a	Nut	1	AISI 304 SS
43b	Cable nut	1	H62
43c	Cap nut	1	AISI 304 SS
43d	Nut	3	AISI 304 SS
44a	Spring washer	17	AISI 304 SS
44b	Cable washer	1	AISI 304 SS
44c	Spring washer	4	AISI 304 SS
44d	Wave pad	1	65Mn
44e	Spring washer	4	
44f	Bearing washer	1	AISI 304 SS
44g	Spring washer	4	
44h	Spring washer	1	AISI 304 SS
44I	Washer	6	AISI 304 SS
44J	Impeller washer	1	AISI 304 SS
44k	Profiled pad	1	AISI 420 SS
45	Key	1	
46	Circlips for shaft	1	65Mn
47	Cable	1	H07RN-F
47	Cable-Terminal box assembly	1	
48	Rubber sleeve	1	NBR
61	Chain	1	
62	Connecting terminal	8	

KBZ 5.5 kW



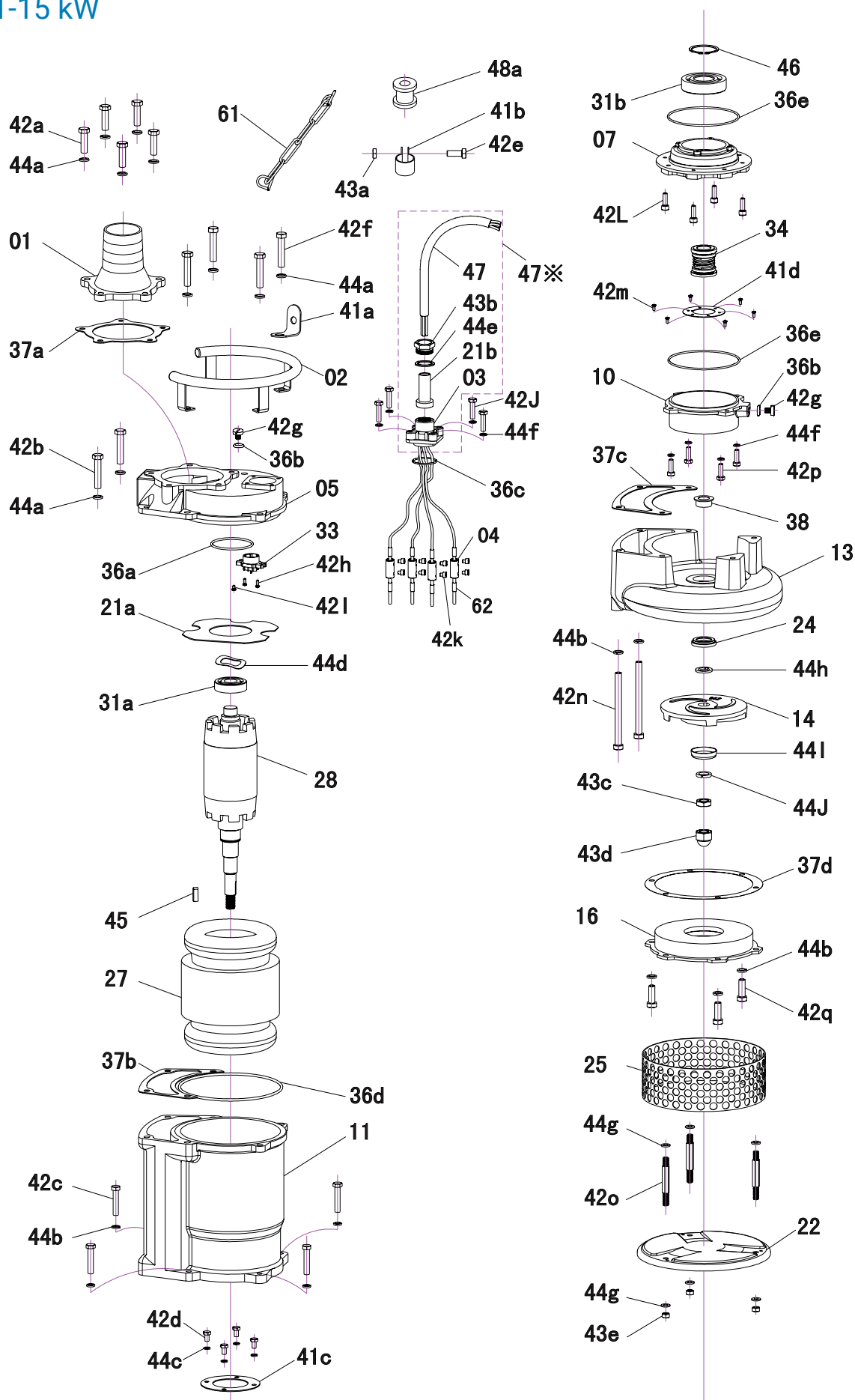
NÚMERO	DESCRIPCIÓN	CANTIDAD	MATERIAL
01	Hose coupling	1	Cast iron
02	Handle	1	Steel
03	Terminal box	1	Cast iron
04	Terminal block	4	H62
05	Upper cover	1	Cast iron
07	Bearing house	1	Cast iron
11	Motor body	1	Cast iron
13	Pump body	1	Cast iron
14	Impeller	1	High chrome alloy
16	Inlet plate	1	Ductile iron
21a	Protecting plate	1	PA66
25	Strainer	1	NBR
27	Stator	1	
28	Rotor	1	Shaft: AISI 420 SS
31a	Bearing	1	
31b	Bearing	1	
33	Motor protector	1	
34	Mechanical seal	1	Sic-Sic / Sic-Sic
35	Oil seal	1	
36a	O'ring	2	NBR
36b	O'ring	1	NBR
36c	O'ring	1	NBR
36d	O'ring	1	NBR
36e	O'ring	1	NBR
36f	O'ring	1	NBR
37a	Gasket	1	NBR
37b	Gasket	1	NBR
37c	Gasket	1	NBR
37d	Gasket	1	PVC
41a	Shim	1	
41b	Cable clamping band	1	AISI 420 SS
41c	Bearing fixing plate	1	
41d	Mechanical seal fixing plate	1	
42a	Bolt	4	AISI 304 SS
42b	Screw	1	AISI 304 SS
42c	Screw	1	
42d	Bolt	4	AISI 304 SS
42e	Screw	2	AISI 304 SS
42f	Bolt	4	AISI 304 SS
42g	Bolt	1	AISI 304 SS
42h	Bolt	4	AISI 304 SS
42i	Screw	2	
42j	Screw	8	AISI 304 SS
42k	Bolt	4	
42l	Screw	4	
42m	Screw	4	
42n	Bolt	3	AISI 304 SS
42o	Screw	3	AISI 420 SS
43a	Nut	1	AISI 304 SS
43b	Cable nut	1	H62
43c	Cap nut	1	AISI 304 SS
43d	Nut	3	AISI 304 SS
44a	Spring washer	12	AISI 304 SS
44b	Cable washer	1	AISI 304 SS
44c	Spring washer	4	AISI 304 SS
44d	Wavepad	1	65Mn
44e	Spring washer	4	
44g	Spring washer	4	
44h	Spring washer	10	AISI 304 SS
44i	Washer	1	AISI 304 SS
44j	Impeller washer	1	AISI 304 SS
44k	Profiled pad	1	AISI 420 SS
45	Key	1	
46	Circlips for shaft	1	65Mn
47	Cable	1	
47	Cable-Terminal box assembly	1	
48	Rubber sleeve	1	NBR
61	Chain	1	
62	Connecting terminal	8	

KBZ 7.5 kW



NÚMERO	DESCRIPCIÓN	CANTIDAD	MATERIAL
01	Hose coupling	1	Cast iron
02	Handle	1	Steel
03	Terminal box	1	Cast iron
04	Terminal block	4	H62
05	Upper cover	1	Cast iron
07	Bearing house	1	Cast iron
10	Seal house	1	Cast iron
11	Motor body	1	Cast iron
13	Pump body	1	Cast iron
14	Impeller	1	High chrome alloy
16	Inlet plate	1	Ductile iron
21a	Protecting plate	1	PA66
21b	Protecting cap	1	NBR
22	Seat assembly	1	Steel
24	Neck ring	1	AISI 304 SS
25	Strainer	1	Steel
27	Stator	1	
28	Rotor	1	Shaft: AISI 420 SS
31a	Bearing	1	
31b	Bearing	1	
33	Motor protector	1	
34	Mechanical seal	1	Sic-Sic / Sic-Sic
36a	O'ring	1	NBR
36b	O'ring	2	NBR
36c	O'ring	1	NBR
36d	O'ring	1	NBR
36e	O'ring	2	NBR
37a	Gasket	1	NBR
37c	Gasket	1	NBR
37d	Gasket	1	PVC
38	Shaft sleeve	1	AISI 420 SS
41a	Shim	1	
41b	Cable clamping band	1	AISI 420 SS
41c	Bearing fixing plate	1	
41d	Mechanical seal fixing plate	1	
42a	Bolt	4	AISI 304 SS
42b	Screw	1	AISI 304 SS
42c	Bolt	8	AISI 304 SS
42d	Bolt	4	
42e	Screw	2	AISI 304 SS
42f	Bolt	1	AISI 304 SS
42g	Bolt	4	AISI 304 SS
42h	Screw	2	
42i	Screw	1	
42J	Screw	8	AISI 304 SS
42K	Screw	4	AISI 304 SS
42L	Screw	6	
42m	Bolt	2	AISI 304 SS
42n	Bolt	3	AISI 304 SS
42o	Screw	3	AISI 420 SS
43a	Nut	1	AISI 304 SS
43b	Cable nut	1	H62
43c	Nut	1	AISI 304 SS
43d	Cap nut	1	AISI 304 SS
43e	Nut	3	AISI 304 SS
44a	Spring washer	14	AISI 304 SS
44b	Spring washer	4	
44c	Washer	10	AISI 304 SS
44d	Cable washer	1	AISI 304 SS
44e	Spring washer	8	AISI 304 SS
44f	Wave pad	1	65Mn
44g	Profiled pad	1	AISI 420 SS
44h	Impeller washer	1	AISI 304 SS
44i	Spring washer	1	AISI 304 SS
45	Key	1	
46	Circlips for shaft	1	65Mn
47	Cable	1	
47	Cable-terminal box assembly	1	
48	Rubber sleeve	1	NBR
61	Chain	1	
62	Connecting terminal	8	

KBZ 11-15 kW



NÚMERO	DESCRIPCIÓN	CANTIDAD	MATERIAL
01	Hose coupling	1	Cast iron
02	Handle	1	Steel
03	Terminal box	1	Cast iron
04	Wiring terminal	4	H62
05	Upper support	1	Cast iron
07	Bearing house	1	Cast iron
10	Seal house	1	Cast iron
11	Motor body	1	Cast iron
13	Pump body	1	Cast iron
14	Impeller	1	High chrome alloy
16	Inlet plate	1	Ductile iron
21a	Protecting cap	1	PA66
21b	Cable tube	1	NBR
22	Seat assembly	1	Steel
24	Neck ring	1	AISI 304 SS
25	Strainer	1	Steel
27	Stator	1	
28	Rotor	1	Shaft: AISI 420 SS
31a	Bearing	1	
31b	Bearing	1	
33	Motor protector	1	
34	Mechanical seal	1	Sic-Sic / Sic-Sic
36a	O'ring	1	NBR
36b	O'ring	2	NBR
36c	O'ring	1	NBR
36d	O'ring	1	NBR
36e	O'ring	2	NBR
37a	Gasket	1	NBR
37b	Gasket	1	NBR
37c	Gasket	1	PVC
37d	Gasket		
38	Shaft sleeve	1	AISI 420 SS
41a	Shim	1	
41b	Cable clamping band	1	AISI 420 SS
41c	Bearing fixing plate	1	
41d	Mechanical seal fixing plate	1	
42a	Bolt	4	AISI 304 SS
42b	Bolt	1	AISI 304 SS
42c	Bolt	8	AISI 304 SS
42d	Bolt	4	
42e	Bolt	1	AISI 304 SS
42f	Bolt	4	AISI 304 SS
42g	Screw	2	
42h	Bolt	1	
42i	Screw	8	AISI 304 SS
42j	Screw	4	AISI 304 SS
42k	Screw	6	
42l	Screw	2	AISI 304 SS
42m	Bolt	3	AISI 304 SS
42n	Screw	3	AISI 420 SS
42o	Bolt	1	AISI 304 SS
42p	Bolt		
42q	Bolt		
43a	Nut		
43b	Cable nut	1	H62
43c	Nut	1	AISI 304 SS
43d	Cap nut	1	AISI 304 SS
43e	Nut	3	AISI 304 SS
44a	Spring washer	14	AISI 304 SS
44b	Spring washer	4	
44c	Spring washer		
44d	Wave pad	10	AISI 304 SS
44e	Washer		
44f	Spring washer	1	AISI 304 SS
44g	Washer	8	AISI 304 SS
44h	Impeller washer	1	65Mn
44i	Profiled pad	1	AISI 420 SS
44j	Spring washer	1	AISI 304 SS
45	Key	1	AISI 304 SS
46	Circlips for shaft	1	
47	Cable	1	65Mn
47*	Cable terminal box assembly	1	
48	Rubber sleeve	1	
61	Chain		
62	Connecting terminal		

Proindecsa

C/ Paraguay, parc. 13-5/6
Polígono industrial Oeste
30820 Alcantarilla, Murcia (Spain)

Tel. : +34 968 880 852
proindecsa@proindecsa.com

www.proindecsa.com



🇪🇺 Proindecsa S.L. no se hace responsable de los posibles errores u omisiones que pueda contener este catálogo, ni de los daños o perjuicios que puedan derivarse de su uso. Proindecsa S.L. se reserva el derecho de modificar o actualizar el contenido de este catálogo en cualquier momento y sin previo aviso.

✳️ Proindecsa S.L. shall not be liable for any errors or omissions that this catalogue may contain, nor for any damages that may arise from its use. Proindecsa S.L. reserves the right to modify or update the contents of this catalogue at any time and without prior notice.

