

## Hydraulic Pumps - Service Information T6CCZ

Denison Vane - Flügelzellen - Palettes - Palette - Paletas

aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



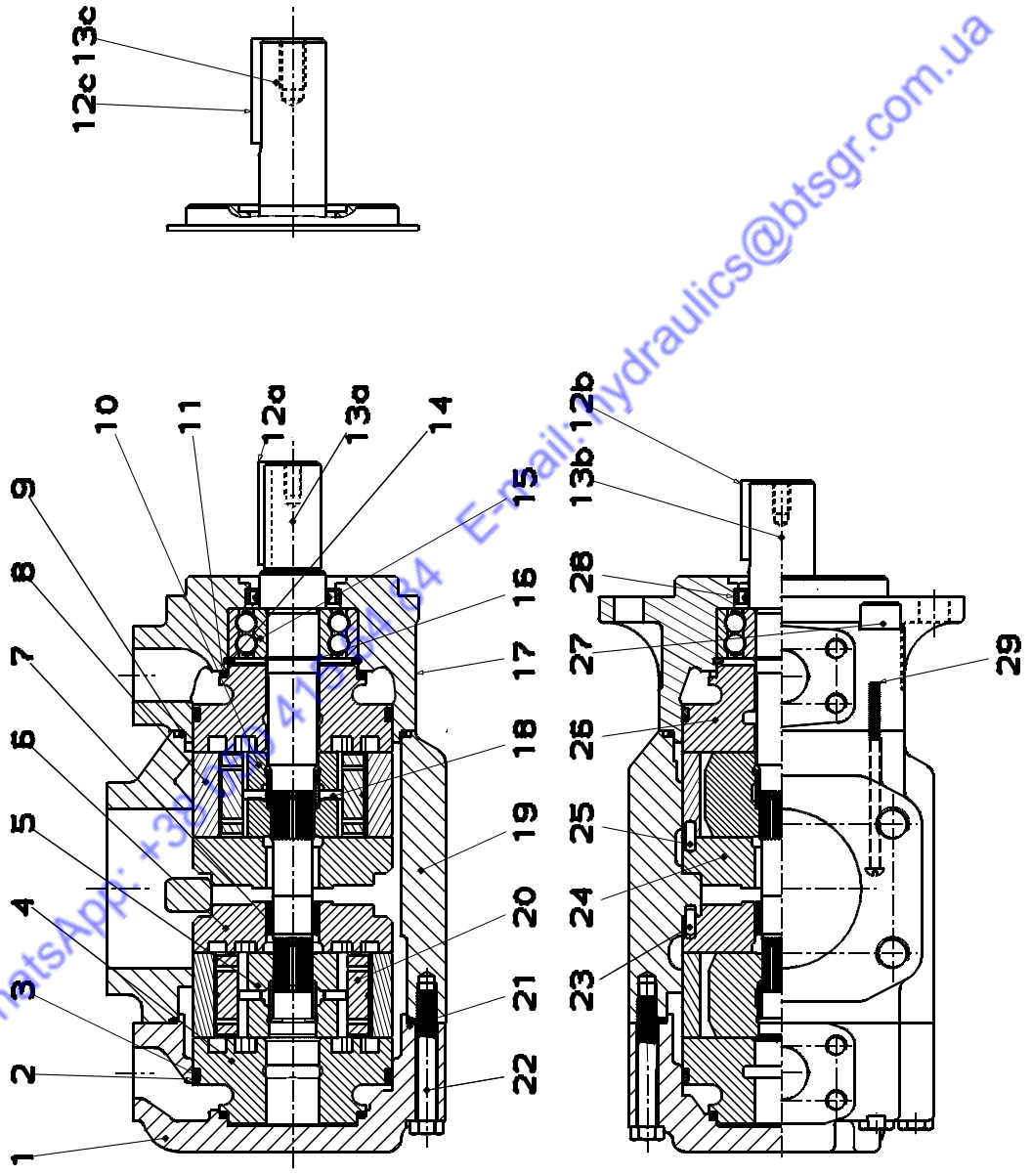
ENGINEERING YOUR SUCCESS.

**Drawing**

**T6CCZ**

Item - Pos. - Réf. - Pos.	22	27
Mounting torque	61 Nm	159 Nm
Anziehdrehmoment	45 ft.lbs	117 ft.lbs
Couple de serrage		
Coppia di serraggio		
Par de apriete		

Recommended repair kits and assy's are bold printed  
 Empfohlene Austausch - Baugruppen sind fett gedruckt  
 Les pochettes de rechange recommandées sont imprimées en caractères gras  
 I kit di ricambio consigliati sono indicati in grassetto  
 Los juegos de reparación recomendados y los conjuntos, estan en negrita



Spare part list

Item Pos. Ref. Pos.	Description	Benennung	Description	Description	Part N° Teil Nr. Code N° Referencia	Qty Stück Cte Cant.
1	End cap (UNC) (P2 = 3/4")	Deckel (UNC) (P2 = 3/4")	Chapeau (UNC) (P2 = 3/4")	Tapa (UNC) (P2 = 3/4")	034-59425-0	1
	End cap (Metric) (P2 = 3/4")	Deckel (Metrisch) (P2 = 3/4")	Chapeau (Métrique) (P2 = 3/4")	Tapa (Métrica) (P2 = 3/4")	034-66508-0	1
	End cap (UNC) (P2 = 1")	Deckel (UNC) (P2 = 1")	Chapeau (UNC) (P2 = 1")	Tapa (UNC) (P2 = 1")	034-59423-0	1
	End cap (Metric) (P2 = 1")	Deckel (Metrisch) (P2 = 1")	Chapeau (Métrique) (P2 = 1")	Tapa (Métrica) (P2 = 1")	034-66674-0	1
2	Sq. section seal	Dichtung	Joint section carrée	Junta sección cuadrada	AB 691-10238-0	2
3	Back-up ring	Stützring	Bague anti-extrusion	Anillo	AB 618-00010-3	2
4	Port plate-pressure	Steuerplatte	Plaque pression	Plato distribuidor-presión	B 034-66453-0	1
5	Rotor-insert ass'y	Rotor	Rotor et douille ass.	Conjunto rotor	B S24-10116-0	1
6	Port plate-rear	Steuerplatte	Plaque arrière	Plato distribuidor trasero	HB 034-66837-0	1
7	Needle bearing	Nadellager	Roulement à aiguilles	Cojinete de cojugas	H 230-82079-0	1
8	Cam ring 003	Hubring 003	Came 003	Aro volumetrico 003	AB 034-59050-0	2
	Cam ring 005	Hubring 005	Came 005	Aro volumetrico 005	AB 034-59051-0	2
	Cam ring 006	Hubring 006	Came 006	Aro volumetrico 006	AB 034-59052-0	2
	Cam ring 008	Hubring 008	Came 008	Aro volumetrico 008	AB 034-59053-0	2
	Cam ring 010	Hubring 010	Came 010	Aro volumetrico 010	AB 034-59054-0	2
	Cam ring 012	Hubring 012	Came 012	Aro volumetrico 012	AB 034-66595-0	2
	Cam ring 014	Hubring 014	Came 014	Aro volumetrico 014	AB 034-59206-0	2
	Cam ring 017	Hubring 017	Came 017	Aro volumetrico 017	AB 034-59207-0	2
	Cam ring 020	Hubring 020	Came 020	Aro volumetrico 020	AB 034-66607-0	2
	Cam ring 022	Hubring 022	Came 022	Aro volumetrico 022	AB 034-59208-0	2
	Cam ring 025	Hubring 025	Came 025	Aro volumetrico 025	AB 034-59209-0	2
	Cam ring 028	Hubring 028	Came 028	Aro volumetrico 028	AB 034-59245-0	2
	Cam ring 031	Hubring 031	Came 031	Aro volumetrico 031	AB 034-66843-0	2
9	O. ring	Dichtung	Joint torique	Guarnizione torica	AC 671-00244-0	1
10	Rotor-insert ass'y	Rotor	Rotor et douille ass.	Conjunto rotor	A S24-10350-0	1
11	Sq. section seal	Dichtung	Joint section carrée	Junta sección cuadrada	AC 691-10229-0	2
12a	Key (code X)	Papifeder (Typ X)	Clavette (code X)	Chaveta (codigo X)	D 034-19579-0	1
12b	Key (code W)	Papifeder (Typ W)	Clavette (code W)	Chaveta (codigo W)	E 034-49676-0	1
12c	Key (code V)	Papifeder (Typ V)	Clavette (code V)	Chaveta (codigo V)	F 034-30166-0	1
13a	Shaft (keyed) (code X)	Papifederwelle (Typ X)	Abre à clavette (code X)	Eje chaveteado (codigo X)	D 034-66983-0	1
13b	Shaft (keyed) (code W)	Papifederwelle (Typ W)	Abre à clavette (code W)	Eje chaveteado (codigo W)	E 034-66985-0	1
13c	Shaft (keyed) (code V)	Papifederwelle (Typ V)	Abre à clavette (code V)	Eje chaveteado (codigo V)	F 034-66984-0	1
14	Retaining ring	Sicherungsring	Circlips	Anillo de retención	356-30244-0	1



## Spare part list

Item Pos. Réf. Pos.	Description	Benennung	Description	Description	Part N° Teil Nr. Code N° Referencia	Qty Stück Qté Cant.
15	Ball bearing	Kugellager	Roulement à billes	Cojinete de bolas	DEF 230-90019-3	1
16	Round section ring	Sicherungsring	Anneau	Anillo tórico	DEF 034-70777-0	1
17	Mounting cap (UNC)	Deckel (UNC)	Chapeau de montage (UNC)	Tapa de montage (UNC)	034-66566-0	1
	Mounting cap (Metric)	Deckel (Metrisch)	Chapeau de montage (Métrique)	Tapa de montage (Métrica)	034-66823-0	1
18	Pin-vane holdout	Stössel	Poussoir de palette	Espiga emouje palette	AB 034-59098-0	20
19	Housing (UNC) (S = 2"1/2)	Gehäuse (UNC) (S = 2"1/2)	Carter (UNC) (S = 2"1/2)	Cuerpo (UNC) (S = 2" 1/2)	034-59125-0	1
	Housing (Metric) (S = 2"1/2)	Gehäuse (Metrisch) (S = 2"1/2)	Carter (Métrique) (S = 2"1/2)	Cuerpo (Métrica) (S = 2" 1/2)	034-66509-0	1
	Housing (UNC) (S = 3")	Gehäuse (UNC) (S = 3")	Carter (UNC) (S = 3")	Cuerpo (UNC) (S = 3")	034-59105-0	1
	Housing (Metric) (S = 3")	Gehäuse (Metrisch) (S = 3")	Carter (Métrique) (S = 3")	Cuerpo (Métrica) (S = 3")	034-66675-0	1
20	Vane	Flügel	Palette	Paleta	AB 034-66716-0	20
21	Sq. section seal	Dichtring	Joint section carrée	Junta seccion cuadrada	BC 671-10156-0	1
22	Screw	Schraube	Vis	Tomille	306-40094-0	7
23	Dowel pin	Zentrierstift	Goupille	Pasador	323-82010-0	2
24	Port plate-rear	Steuerplatte	Plaque arrière	Plato distribuidor trasero	AG 034-59118-0	1
25	Dowel pin	Zentrierstift	Goupille	Pasador	AB 324-21208-0	4
26	Port plate-pressure	Steuerplatte	Plaque pression	Plato distribuidor-presión	A 034-66453-0	1
27	Screw	Schraube	Vis	Tomille	358-20320-0	4
28	Shaft seal (S1 - 0.7 bar)	Simmering (S1 - 0.7 bar)	Joint d'arbre (S1 - 0.7 bar)	Reten eje (S1 - 0.7 bar)	C 620-82046-0	1
29	Screw	Schraube	Vis	Tomille	AB 317-06266-0	4
	<b>REPAIR KIT</b>	<b>AUSTAUSCH-BAUGRUPPEN</b>	<b>POCHETTES RECHANGES</b>	<b>CONJUNTO REPARACION</b>		
A	Cart. and plate ass'y B03 C.W. (P1)	Pumpeneinheit B03 Rechtslauf (P1)	Cart. et plaque ass. B03 rot. d. (P1)	Conjunto cart. y platos B03 giro d. (P1)	S24-58882-*	1
A	Cart. and plate ass'y B03 C.C.W. (P1)	Pumpeneinheit B03 Linkslauf (P1)	Cart. et plaque ass. B03 rot. g. (P1)	Conjunto cart. y platos B03 giro i. (P1)	S24-58883-*	1
A	Cart. and plate ass'y B05 C.W. (P1)	Pumpeneinheit B05 Rechtslauf (P1)	Cart. et plaque ass. B05 rot. d. (P1)	Conjunto cart. y platos B05 giro d. (P1)	S24-58884-*	1
A	Cart. and plate ass'y B05 C.C.W. (P1)	Pumpeneinheit B05 Linkslauf (P1)	Cart. et plaque ass. B05 rot. g. (P1)	Conjunto cart. y platos B05 giro i. (P1)	S24-58885-*	1
A	Cart. and plate ass'y B06 C.W. (P1)	Pumpeneinheit B06 Rechtslauf (P1)	Cart. et plaque ass. B06 rot. d. (P1)	Conjunto cart. y platos B06 giro d. (P1)	S24-58886-*	1
A	Cart. and plate ass'y B06 C.C.W. (P1)	Pumpeneinheit B06 Linkslauf (P1)	Cart. et plaque ass. B06 rot. g. (P1)	Conjunto cart. y platos B06 giro i. (P1)	S24-58887-*	1
A	Cart. and plate ass'y B08 C.W. (P1)	Pumpeneinheit B08 Rechtslauf (P1)	Cart. et plaque ass. B08 rot. d. (P1)	Conjunto cart. y platos B08 giro d. (P1)	S24-58888-*	1
A	Cart. and plate ass'y B08 C.C.W. (P1)	Pumpeneinheit B08 Linkslauf (P1)	Cart. et plaque ass. B08 rot. g. (P1)	Conjunto cart. y platos B08 giro i. (P1)	S24-58889-*	1
A	Cart. and plate ass'y B10 C.W. (P1)	Pumpeneinheit B10 Rechtslauf (P1)	Cart. et plaque ass. B10 rot. d. (P1)	Conjunto cart. y platos B10 giro d. (P1)	S24-58890-*	1
A	Cart. and plate ass'y B10 C.C.W. (P1)	Pumpeneinheit B10 Linkslauf (P1)	Cart. et plaque ass. B10 rot. g. (P1)	Conjunto cart. y platos B10 giro i. (P1)	S24-58891-*	1
A	Cart. and plate ass'y B12 C.W. (P1)	Pumpeneinheit B12 Rechtslauf (P1)	Cart. et plaque ass. B12 rot. d. (P1)	Conjunto cart. y platos B12 giro d. (P1)	S24-58892-*	1

Spare part list

Series T6CCZ, Denison Vane Pumps

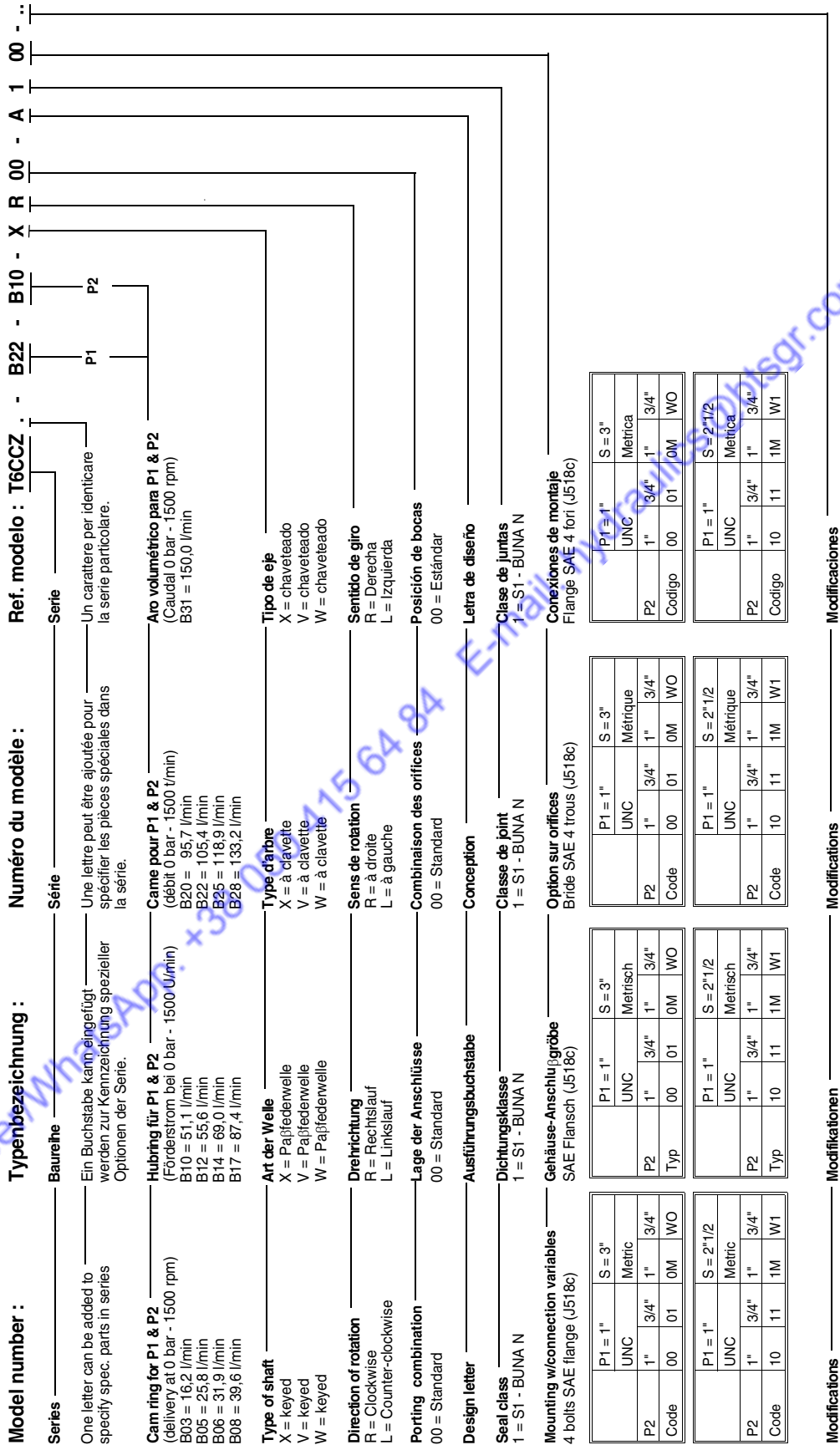
Item Pos. Réf. Pos.	Description	Benennung	Description	Description	Part N° Teil Nr. Code N° Referencia	Qty Stück Qté Cant.
A	Cart. and plate ass'y B12 C.C.W. (P1)	Pumpeneinheit B12 Linkslauf (P1)	Cart. et plaque ass. B12 rot. g. (P1)	Conjunto cart. y platos B12 giro i. (P1)	S24-58893-*	1
A	Cart. and plate ass'y B14 C.C.W. (P1)	Pumpeneinheit B14 Rechtslauf (P1)	Cart. et plaque ass. B14 rot. d. (P1)	Conjunto cart. y platos B14 giro d. (P1)	S24-58894-*	1
A	Cart. and plate ass'y B14 C.C.W. (P1)	Pumpeneinheit B14 Linkslauf (P1)	Cart. et plaque ass. B14 rot. g. (P1)	Conjunto cart. y platos B14 giro i. (P1)	S24-58514-*	1
A	Cart. and plate ass'y B17 C.C.W. (P1)	Pumpeneinheit B17 Rechtslauf (P1)	Cart. et plaque ass. B17 rot. d. (P1)	Conjunto cart. y platos B17 giro d. (P1)	S24-51569-*	1
A	Cart. and plate ass'y B17 C.C.W. (P1)	Pumpeneinheit B17 Linkslauf (P1)	Cart. et plaque ass. B17 rot. g. (P1)	Conjunto cart. y platos B17 giro i. (P1)	S24-51566-*	1
A	Cart. and plate ass'y B20 C.C.W. (P1)	Pumpeneinheit B20 Rechtslauf (P1)	Cart. et plaque ass. B20 rot. d. (P1)	Conjunto cart. y platos B20 giro d. (P1)	S24-58898-*	1
A	Cart. and plate ass'y B20 C.C.W. (P1)	Pumpeneinheit B20 Linkslauf (P1)	Cart. et plaque ass. B20 rot. g. (P1)	Conjunto cart. y platos B20 giro i. (P1)	S24-58899-*	1
A	Cart. and plate ass'y B22 C.C.W. (P1)	Pumpeneinheit B22 Rechtslauf (P1)	Cart. et plaque ass. B22 rot. d. (P1)	Conjunto cart. y platos B22 giro d. (P1)	S24-58900-*	1
A	Cart. and plate ass'y B22 C.C.W. (P1)	Pumpeneinheit B22 Linkslauf (P1)	Cart. et plaque ass. B22 rot. g. (P1)	Conjunto cart. y platos B22 giro i. (P1)	S24-58901-*	1
A	Cart. and plate ass'y B25 C.C.W. (P1)	Pumpeneinheit B25 Rechtslauf (P1)	Cart. et plaque ass. B25 rot. d. (P1)	Conjunto cart. y platos B25 giro d. (P1)	S24-58902-*	1
A	Cart. and plate ass'y B25 C.C.W. (P1)	Pumpeneinheit B25 Linkslauf (P1)	Cart. et plaque ass. B25 rot. g. (P1)	Conjunto cart. y platos B25 giro i. (P1)	S24-58903-*	1
A	Cart. and plate ass'y B28 C.C.W. (P1)	Pumpeneinheit B28 Rechtslauf (P1)	Cart. et plaque ass. B28 rot. d. (P1)	Conjunto cart. y platos B28 giro d. (P1)	S24-58904-*	1
A	Cart. and plate ass'y B28 C.C.W. (P1)	Pumpeneinheit B28 Linkslauf (P1)	Cart. et plaque ass. B28 rot. g. (P1)	Conjunto cart. y platos B28 giro i. (P1)	S24-58905-*	1
A	Cart. and plate ass'y B31 C.C.W. (P1)	Pumpeneinheit B31 Rechtslauf (P1)	Cart. et plaque ass. B31 rot. d. (P1)	Conjunto cart. y platos B31 giro d. (P1)	S24-58906-*	1
A	Cart. and plate ass'y B31 C.C.W. (P1)	Pumpeneinheit B31 Linkslauf (P1)	Cart. et plaque ass. B31 rot. g. (P1)	Conjunto cart. y platos B31 giro i. (P1)	S24-58907-*	1
B	Cart. and plate ass'y B03 C.C.W. (P2)	Pumpeneinheit B03 Rechtslauf (P2)	Cart. et plaque ass. B03 rot. d. (P2)	Conjunto cart. y platos B03 giro d. (P2)	S24-51606-*	1
B	Cart. and plate ass'y B03 C.C.W. (P2)	Pumpeneinheit B03 Linkslauf (P2)	Cart. et plaque ass. B03 rot. g. (P2)	Conjunto cart. y platos B03 giro i. (P2)	S24-51607-*	1
B	Cart. and plate ass'y B05 C.C.W. (P2)	Pumpeneinheit B05 Rechtslauf (P2)	Cart. et plaque ass. B05 rot. d. (P2)	Conjunto cart. y platos B05 giro d. (P2)	S24-51608-*	1
B	Cart. and plate ass'y B05 C.C.W. (P2)	Pumpeneinheit B05 Linkslauf (P2)	Cart. et plaque ass. B05 rot. g. (P2)	Conjunto cart. y platos B05 giro i. (P2)	S24-51609-*	1
B	Cart. and plate ass'y B06 C.C.W. (P2)	Pumpeneinheit B06 Rechtslauf (P2)	Cart. et plaque ass. B06 rot. d. (P2)	Conjunto cart. y platos B06 giro d. (P2)	S24-51610-*	1
B	Cart. and plate ass'y B06 C.C.W. (P2)	Pumpeneinheit B06 Linkslauf (P2)	Cart. et plaque ass. B06 rot. g. (P2)	Conjunto cart. y platos B06 giro i. (P2)	S24-58936-*	1
B	Cart. and plate ass'y B08 C.C.W. (P2)	Pumpeneinheit B08 Rechtslauf (P2)	Cart. et plaque ass. B08 rot. d. (P2)	Conjunto cart. y platos B08 giro d. (P2)	S24-51612-*	1
B	Cart. and plate ass'y B08 C.C.W. (P2)	Pumpeneinheit B08 Linkslauf (P2)	Cart. et plaque ass. B08 rot. g. (P2)	Conjunto cart. y platos B08 giro i. (P2)	S24-58515-*	1
B	Cart. and plate ass'y B10 C.C.W. (P2)	Pumpeneinheit B10 Rechtslauf (P2)	Cart. et plaque ass. B10 rot. d. (P2)	Conjunto cart. y platos B10 giro d. (P2)	S24-51570-*	1
B	Cart. and plate ass'y B10 C.C.W. (P2)	Pumpeneinheit B10 Linkslauf (P2)	Cart. et plaque ass. B10 rot. g. (P2)	Conjunto cart. y platos B10 giro i. (P2)	S24-51567-*	1
B	Cart. and plate ass'y B12 C.C.W. (P2)	Pumpeneinheit B12 Rechtslauf (P2)	Cart. et plaque ass. B12 rot. d. (P2)	Conjunto cart. y platos B12 giro d. (P2)	S24-51616-*	1
B	Cart. and plate ass'y B12 C.C.W. (P2)	Pumpeneinheit B12 Linkslauf (P2)	Cart. et plaque ass. B12 rot. g. (P2)	Conjunto cart. y platos B12 giro i. (P2)	S24-51617-*	1
B	Cart. and plate ass'y B14 C.C.W. (P2)	Pumpeneinheit B14 Rechtslauf (P2)	Cart. et plaque ass. B14 rot. d. (P2)	Conjunto cart. y platos B14 giro d. (P2)	S24-58937-*	1
B	Cart. and plate ass'y B14 C.C.W. (P2)	Pumpeneinheit B14 Linkslauf (P2)	Cart. et plaque ass. B14 rot. g. (P2)	Conjunto cart. y platos B14 giro i. (P2)	S24-58938-*	1
B	Cart. and plate ass'y B17 C.C.W. (P2)	Pumpeneinheit B17 Rechtslauf (P2)	Cart. et plaque ass. B17 rot. d. (P2)	Conjunto cart. y platos B17 giro d. (P2)	S24-51620-*	1
B	Cart. and plate ass'y B17 C.C.W. (P2)	Pumpeneinheit B17 Linkslauf (P2)	Cart. et plaque ass. B17 rot. g. (P2)	Conjunto cart. y platos B17 giro i. (P2)	S24-51621-*	1
B	Cart. and plate ass'y B20 C.C.W. (P2)	Pumpeneinheit B20 Rechtslauf (P2)	Cart. et plaque ass. B20 rot. d. (P2)	Conjunto cart. y platos B20 giro d. (P2)	S24-51622-*	1
B	Cart. and plate ass'y B20 C.C.W. (P2)	Pumpeneinheit B20 Linkslauf (P2)	Cart. et plaque ass. B20 rot. g. (P2)	Conjunto cart. y platos B20 giro i. (P2)	S24-51623-*	1
B	Cart. and plate ass'y B22 C.C.W. (P2)	Pumpeneinheit B22 Rechtslauf (P2)	Cart. et plaque ass. B22 rot. d. (P2)	Conjunto cart. y platos B22 giro d. (P2)	S24-51624-*	1
B	Cart. and plate ass'y B22 C.C.W. (P2)	Pumpeneinheit B22 Linkslauf (P2)	Cart. et plaque ass. B22 rot. g. (P2)	Conjunto cart. y platos B22 giro i. (P2)	S24-51625-*	1



## Spare part list

Item Pos. Réf. Pos.	Description	Benennung	Description	Description	Part N° Teil Nr. Code N° Referencia	Qty Stück Qté Cant.
B	Cart. and plate ass'y B25 C.W. (P2)	Pumpeneinheit B25 Rechtslauf (P2)	Cart. et plaque ass. B25 rot. d. (P2)	Conjunto cart. y platos B25 giro d. (P2)	S24-58939-*	1
B	Cart. and plate ass'y B25 C.C.W. (P2)	Pumpeneinheit B25 Linkslauf (P2)	Cart. et plaque ass. B25 rot. g. (P2)	Conjunto cart. y platos B25 giro i. (P2)	S24-58940-*	1
B	Cart. and plate ass'y B28 C.W. (P2)	Pumpeneinheit B28 Rechtslauf (P2)	Cart. et plaque ass. B28 rot. d. (P2)	Conjunto cart. y platos B28 giro d. (P2)	S24-51628-*	1
B	Cart. and plate ass'y B28 C.C.W. (P2)	Pumpeneinheit B28 Linkslauf (P2)	Cart. et plaque ass. B28 rot. g. (P2)	Conjunto cart. y platos B28 giro i. (P2)	S24-51629-*	1
B	Cart. and plate ass'y B31 C.W. (P2)	Pumpeneinheit B31 Rechtslauf (P2)	Cart. et plaque ass. B31 rot. d. (P2)	Conjunto cart. y platos B31 giro d. (P2)	S24-51630-*	1
B	Cart. and plate ass'y B31 C.C.W. (P2)	Pumpeneinheit B31 Linkslauf (P2)	Cart. et plaque ass. B31 rot. g. (P2)	Conjunto cart. y platos B31 giro i. (P2)	S24-51631-*	1
C	Seal kit (S1 - 0,7 bar)	Dichtungsatz (S1 - 0,7 bar)	Pochette de joint (S1 - 0,7 bar)	Juego de jun (S1 - 0,7 bar)	S14-97724-0	1
D	Shaft and bearing ass'y (code X)	Baugruppe (Welle u. Lager) (Typ X)	Arbre et roulement ass. (code X)	Conjunto eje cojinete (codigo X)	S24-51603-0	1
E	Shaft and bearing ass'y (code W)	Baugruppe (Welle u. Lager) (Typ W)	Arbre et roulement ass. (code W)	Conjunto eje cojinete (codigo W)	S24-51605-0	1
F	Shaft and bearing ass'y (code V)	Baugruppe (Welle u. Lager) (Typ V)	Arbre et roulement ass. (code V)	Conjunto eje cojinete (codigo V)	S24-51604-0	1
G	Port plate-rear ass'y (P1)	Steuerplatte (P1)	Plaque arrière ass. (P1)	Coj. plato dist. trasero (P1)	S24-10418-0	1
H	Port plate-rear and bush ass'y (P2)	Steuerplatte mit Buchse (P2)	Plaque arrière et bague ass. (P2)	Coj. plato dist. trasero con coj. fricción (P2)	S24-45726-0	1
	Seal class	Dichtungsatz	Classe de joint	Clase de juntas	S**-*****,* =	
					S1 BUNA N S**-*****-0	
					S4 EPDM S**-*****-4	
					S5 VITON® S**-*****-5	
	Notes					

**Model Code - Typenschlüssel - Désignation-type - Clave de designación**



**Warning****WARNING — USER RESPONSIBILITY**

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- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

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