

Hydraulic Pumps - Service Information T6D / T6DM / T6DP

Denison Vane - Flügelzellen - Palettes - Palette - Paletas

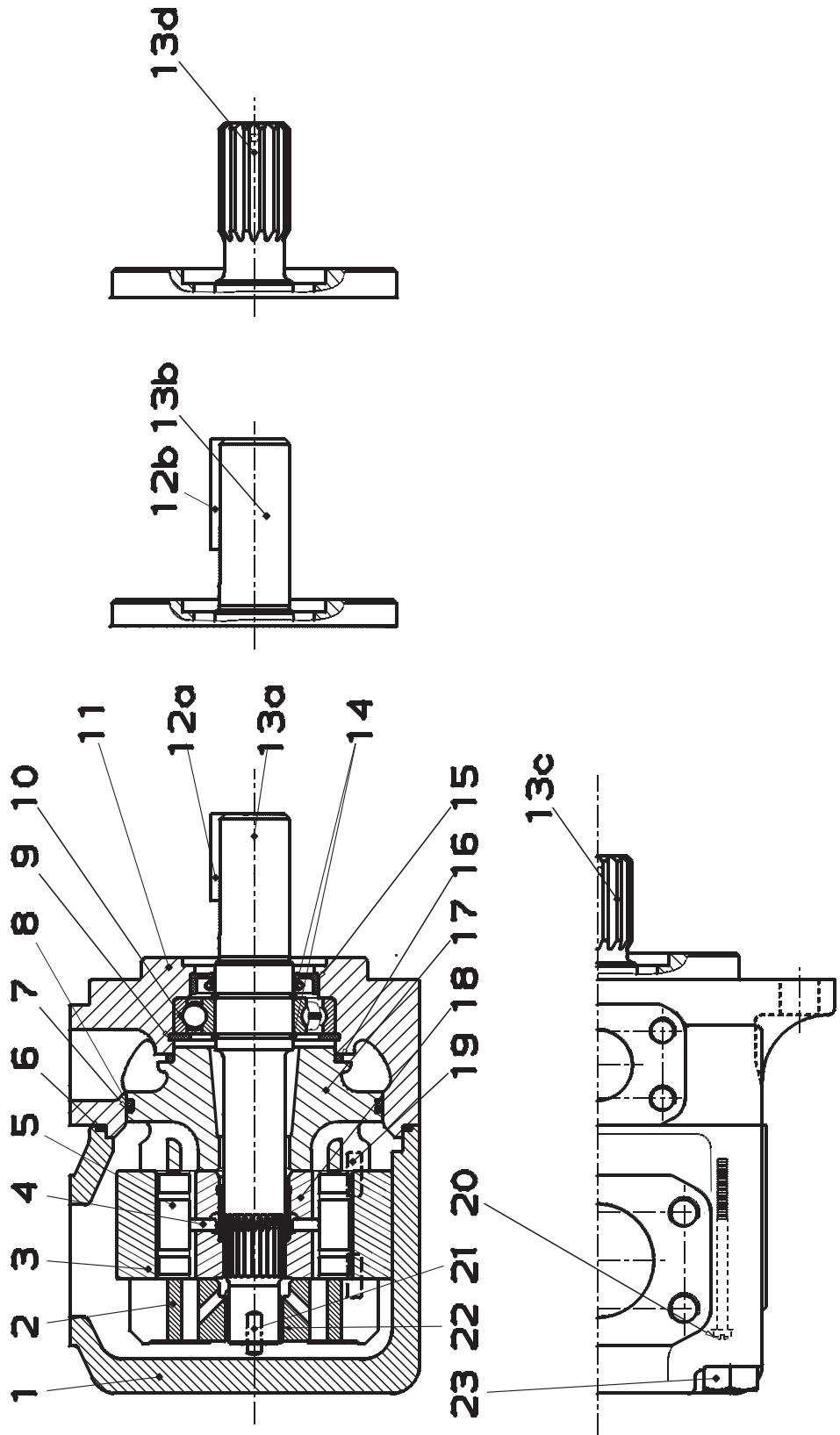


ENGINEERING YOUR SUCCESS.

T6D Industrial

Item - Pos. - Réf. - Pos.	23
Mounting torque	187 Nm
Anziehdrehmoment	138 ft.lbs
Couple de serrage	
Coppia di serraggio	
Par de apriete	

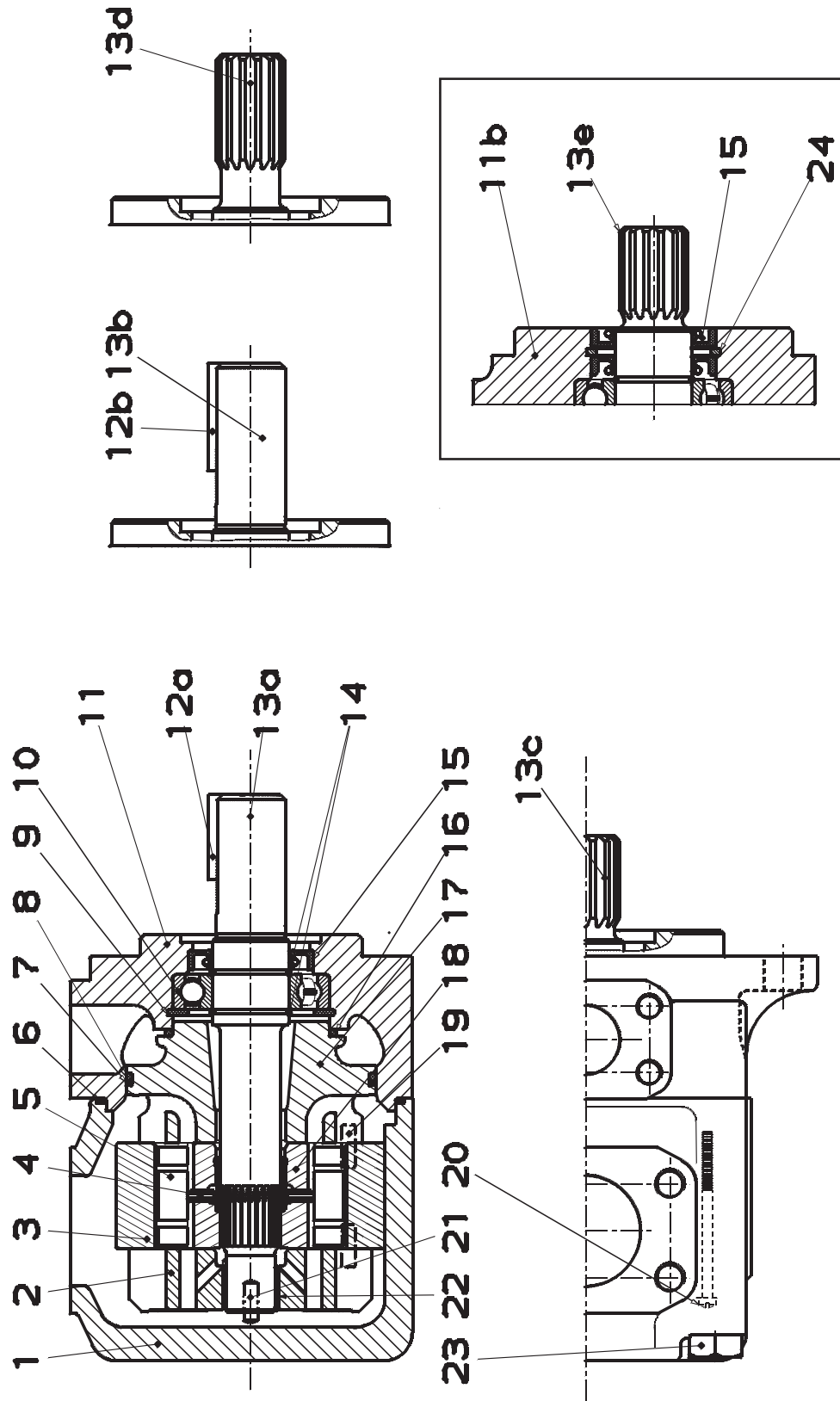
Recommended repair kits and assy's are bold printed
 Empfohlene Austausch - Baugruppen sind fett gedruckt
 Les pochettes de rechange recommandées sont imprimées en caractères gras
 I kit di ricambio consigliati sono indicati in grassetto
 Los juegos de reparacion recomendados y los conjuntos, estan en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



T6DM Mobile

Item - Pos. - Réf. - Pos.	23
Mounting torque	187 Nm
Anziehdrehmoment	138 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 reparacion recomendados y los conjuntos, estan en negrita



T6DP Mobile

Spare part list

Item Pos. Ref. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T6D	Part N° Teil Nr. Code N° Cod. N° Referencia T6DM - T6DP	Qty Stück Qté Q.tà Cant.
1	Housing (standard) Corpo (standard)	Gehäuse (Standard) Cuerpo (estandar)	Carter (standard)	034-47917-0	034-47917-0	1
2	Port plate-rear Piatto distributore	Steuerplatte Plato distribuidor trasero	Plaque arrière	AG	034-59101-0	1
	Cam ring 014 Anello camma 014	Hubring 014 Aro volumetrico 014	Came 014	A	034-66708-0	1
	Cam ring 017 Anello camma 017	Hubring 017 Aro volumetrico 017	Came 017	A	034-67028-0	1
	Cam ring 020 Anello camma 020	Hubring 020 Aro volumetrico 020	Came 020	A	034-66596-0	1
	Cam ring 024 Anello camma 024	Hubring 024 Aro volumetrico 024	Came 024	A	034-59294-0	1
	Cam ring 028 Anello camma 028	Hubring 028 Aro volumetrico 028	Came 028	A	034-59133-0	1
3	Cam ring 031 Anello camma 031	Hubring 031 Aro volumetrico 031	Came 031	A	034-59135-0	1
	Cam ring 035 Anello camma 035	Hubring 035 Aro volumetrico 035	Came 035	A	034-59137-0	1
	Cam ring 038 Anello camma 038	Hubring 038 Aro volumetrico 038	Came 038	A	034-59139-0	1
	Cam ring 042 Anello camma 042	Hubring 042 Aro volumetrico 042	Came 042	A	034-59132-0	1
	Cam ring 045 Anello camma 045	Hubring 045 Aro volumetrico 045	Came 045	A	034-59131-0	1
	Cam ring 050 Anello camma 050	Hubring 050 Aro volumetrico 050	Came 050	A	034-66737-0	1
4	Pin-vane holdout Pistoncino di sostenimento	Stößel Espiga empuje paleta	Poussoir de palette	A	034-59130-0	10
5	Vane Paletta	Flügel Paleta	Palette	A	034-53588-0	10
6	Sq. section seal Guarnizione	Dichtring Junta seccion cuadrada	Joint section carrée	AB	671-10159-0	1
7	Back-up ring Anello anti-estusione	Süttring Anillo	Bague anti-extrusion	AB	618-00011-3	1
8	Sq. section seal Guarnizione	Dichtring Junta seccion cuadrada	Joint section carrée	AB	691-10244-0	1
9	Retaining ring Anello elastico	Sicherungsring Anillo de retención	Circlips		356-32283-0	1
10	Ball bearing Cuscinetto a sfera	Kugellager Cojinete de bolas	Roulement à billes	CD EF	230-00207-0	1
11	Mounting cap (standard) (T6D-T6DM) Coperchio (standard) (T6D-T6DM)	Deckel (Standard) (T6D-T6DM) Tapa de montaje (estandar) (T6D-T6DM)	Chapeau de montage (standard) (T6D-T6DM)		034-47916-0	1
11b	Mounting cap (standard) (T6DP) Coperchio (standard) (T6DP)	Deckel (Standard) (T6DP) Tapa de montaje (estandar) (T6DP)	Chapeau de montage (standard) (T6DP)		034-66725-0	1

Spare part list

Hydraulic Pumps

Series T6D*, Denison Vane Pumps

Item Pos. Ref. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil N° Code N° Referencia T6D	Part N° Teil N° Code N° Referencia T6DM - T6DP	Qty Stück Cant. Cant.
12a	Key (code 2) Chiavetta (codice 2)	Pañfeder (Typ 2) Chaveta (codigo 2)	Clavette (code 2)	034-49676-0	034-49676-0	1
12b	Key (code 1) Chiavetta (codice 1)	Pañfeder (Typ 1) Chaveta (codigo 1)	Clavette (code 1)	034-46754-0	034-46754-0	1
13a	Shaft (keyed) (code 2) Albero a chiavetta (codice 2)	Pañfederwelle (Typ 2) Eje chaveteado (codigo 2)	Arbre à clavette (code 2)	034-70980-0	034-70980-0	1
13b	Shaft (keyed) (code 1) Albero a chiavetta (codice 1)	Pañfederwelle (Typ 1) Eje chaveteado (codigo 1)	Arbre à clavette (code 1)	034-70858-0	034-70858-0	1
13c	Shaft (splined) (code 3) (T6D-T6DM) Albero scanalato (codice 3) (T6D-T6DM)	Vielkeilwelle (Typ 3) (T6D-T6DM) Eje estriado (codigo 3) (T6D-T6DM)	Arbre à cannelures (code 3) (T6D-T6DM)	034-70859-0	034-70859-0	1
13d	Shaft (splined) (code 4) Albero scanalato (codice 4)	Vielkeilwelle (Typ 4) Eje estriado (codigo 4)	Arbre à cannelures (code 4)	034-70923-0	034-70923-0	1
13e	Shaft (splined) (code 3) (T6DP) Albero scanalato (codice 3) (T6DP)	Vielkeilwelle (Typ 3) (T6DP) Eje estriado (codigo 3) (T6DP)	Arbre à cannelures (code 3) (T6DP)		034-66724-0	1
14	Round section ring Anello	Sicherungsring Anillo tórico	Anneau	034-70853-0	034-70853-0	2
	Shaft seal (S1 - 0,7 bar) (T6D-T6DM) Paraolio (S1 - 0,7 bar) (T6D-T6DM)	Simmering (S1 - 0,7 bar) (T6D-T6DM) Reten eje (S1 - 0,7 bar) (T6D-T6DM)	Joint d'arbre (S1 - 0,7 bar) (T6D-T6DM)	620-82062-0	620-82062-0	1
15	Shaft seal (S1 - 0,7 bar) (T6DP) Paraolio (S1 - 0,7 bar) (T6DP)	Simmering (S1 - 0,7 bar) (T6DP) Reten eje (S1 - 0,7 bar) (T6DP)	Joint d'arbre (S1 - 0,7 bar) (T6DP)		620-82062-0	2
	Shaft seal (S4 - S5 - 7 bar) Paraolio (S4 - S5 - 7 bar)	Simmering (S4 - S5 - 7 bar) Reten eje (S4 - S5 - 7 bar)	Joint d'arbre (S4 - S5 - 7 bar)	620-82066-0	620-82066-0	1
16	Sq. section seal Guarnizione	Dichtung Junta seccion cuadrada	Joint section carrée	691-10232-0	691-10232-0	1
17	Port plate-pressure Piatto distributore anter.	Steuerplatte Piatto distribuidor-presion	Plaque pression		034-59057-0	1
18	Rotor-insert ass'y Insieme rotore	Rotor Conjunto rotor	Rotor et douille ass.			1
19	Dowel pin Spina	Zentrierstift Pasador	Goupille	S24-10121-0	S24-30018-0	1
20	Screw Vite	Schraube Tornille	Vis	324-21612-0	324-21612-0	2
21	Dowel pin Spina	Zentrierstift Pasador	Goupille	317-10320-0	317-10320-0	2
22	Bush Bussola	Buchse Cojinete de fricción	Bague	323-82004-0	323-82004-0	1
23	Screw Vite	Schraube Tornille	Vis	034-70868-0	034-70868-0	1
24	Retaining ring (T6DP) Anello elastico (T6DP)	Sicherungsring (T6DP) Anillo de retención (T6DP)	Circlips (T6DP)	306-40157-0	306-40157-0	4
					356-00032-3	1

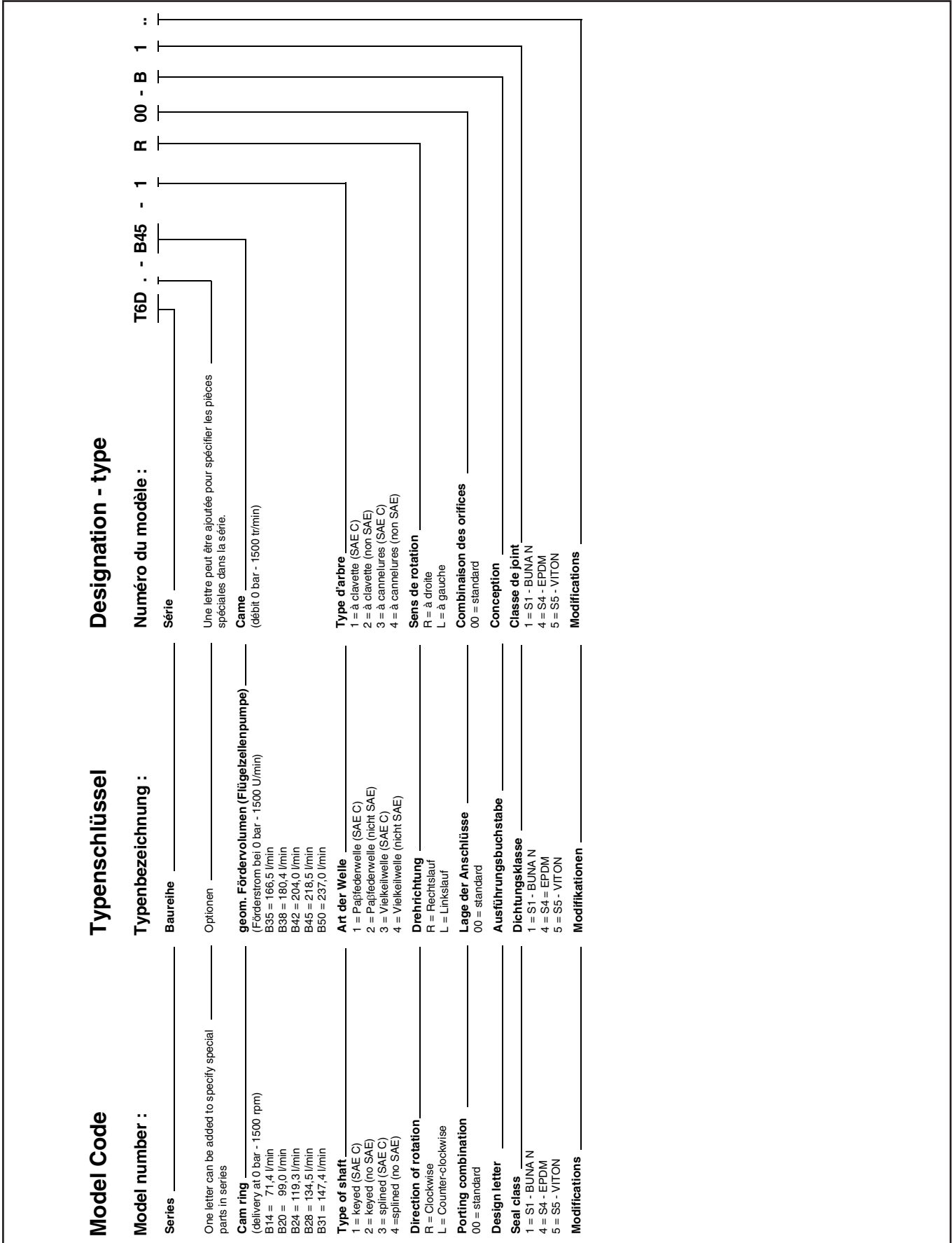
Spare part list

Item Pos. Ref. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T6D	Part N° Teil Nr. Code N° Cod. N° Referencia T6DM - T6DP	Qty. Stück Qté Qtá Cant.
	REPAIR KIT KIT DI RICAMBIO	AUSTAUSCH-BAUGRUPPEN CONJUNTO REPARACION	POCHETTES RECHANGES			
A	Cart. and plate ass'y B14 C.W. Ins. cart. B14 oraria	Pumpeneinheit B14 Rechtslauf Conjunto cart. y platos B14 giro d.	Cart. et plaque ass. B14 rot. d.	S24-51677-*	S24-40789-*	1
A	Cart. and plate ass'y B14 C.C.W. Ins. cart. B14 antioraria	Pumpeneinheit B14 Linkslauf Conjunto cart. y platos B14 giro i.	Cart. et plaque ass. B14 rot. g.	S24-51571-*	S24-40790-*	1
A	Cart. and plate ass'y B17 C.W. Ins. cart. B17 oraria	Pumpeneinheit B17 Rechtslauf Conjunto cart. y platos B17 giro d.	Cart. et plaque ass. B17 rot. d.	S24-59955-*	S24-63325-*	1
A	Cart. and plate ass'y B17 C.C.W. Ins. cart. B17 antioraria	Pumpeneinheit B17 Linkslauf Conjunto cart. y platos B17 giro i.	Cart. et plaque ass. B17 rot. g.	S24-59956-*	S24-64242-*	1
A	Cart. and plate ass'y B20 C.W. Ins. cart. B20 oraria	Pumpeneinheit B20 Rechtslauf Conjunto cart. y platos B20 giro d.	Cart. et plaque ass. B20 rot. d.	S24-26502-*	S24-30139-*	1
A	Cart. and plate ass'y B20 C.C.W. Ins. cart. B20 antioraria	Pumpeneinheit B20 Linkslauf Conjunto cart. y platos B20 giro i.	Cart. et plaque ass. B20 rot. g.	S24-26503-*	S24-30140-*	1
A	Cart. and plate ass'y B24 C.W. Ins. cart. B24 oraria	Pumpeneinheit B24 Rechtslauf Conjunto cart. y platos B24 giro d.	Cart. et plaque ass. B24 rot. d.	S24-25970-*	S24-30141-*	1
A	Cart. and plate ass'y B24 C.C.W. Ins. cart. B24 antioraria	Pumpeneinheit B24 Linkslauf Conjunto cart. y platos B24 giro i.	Cart. et plaque ass. B24 rot. g.	S24-25971-*	S24-30142-*	1
A	Cart. and plate ass'y B28 C.W. Ins. cart. B28 oraria	Pumpeneinheit B28 Rechtslauf Conjunto cart. y platos B28 giro d.	Cart. et plaque ass. B28 rot. d.	S24-10123-*	S24-30143-*	1
A	Cart. and plate ass'y B28 C.C.W. Ins. cart. B28 antioraria	Pumpeneinheit B28 Linkslauf Conjunto cart. y platos B28 giro i.	Cart. et plaque ass. B28 rot. g.	S24-10124-*	S24-30144-*	1
A	Cart. and plate ass'y B31 C.W. Ins. cart. B31 oraria	Pumpeneinheit B31 Rechtslauf Conjunto cart. y platos B31 giro d.	Cart. et plaque ass. B31 rot. d.	S24-10125-*	S24-30145-*	1
A	Cart. and plate ass'y B31 C.C.W. Ins. cart. B31 antioraria	Pumpeneinheit B31 Linkslauf Conjunto cart. y platos B31 giro i.	Cart. et plaque ass. B31 rot. g.	S24-10126-*	S24-30146-*	1
A	Cart. and plate ass'y B35 C.W. Ins. cart. B35 oraria	Pumpeneinheit B35 Rechtslauf Conjunto cart. y platos B35 giro d.	Cart. et plaque ass. B35 rot. d.	S24-10127-*	S24-30147-*	1
A	Cart. and plate ass'y B35 C.C.W. Ins. cart. B35 antioraria	Pumpeneinheit B35 Linkslauf Conjunto cart. y platos B35 giro i.	Cart. et plaque ass. B35 rot. g.	S24-10128-*	S24-30148-*	1
A	Cart. and plate ass'y B38 C.W. Ins. cart. B38 oraria	Pumpeneinheit B38 Rechtslauf Conjunto cart. y platos B38 giro d.	Cart. et plaque ass. B38 rot. d.	S24-10129-*	S24-30149-*	1
A	Cart. and plate ass'y B38 C.C.W. Ins. cart. B38 antioraria	Pumpeneinheit B38 Linkslauf Conjunto cart. y platos B38 giro i.	Cart. et plaque ass. B38 rot. g.	S24-10130-*	S24-30150-*	1
A	Cart. and plate ass'y B42 C.W. Ins. cart. B42 oraria	Pumpeneinheit B42 Rechtslauf Conjunto cart. y platos B42 giro d.	Cart. et plaque ass. B42 rot. d.	S24-10131-*	S24-30151-*	1
A	Cart. and plate ass'y B42 C.C.W. Ins. cart. B42 antioraria	Pumpeneinheit B42 Linkslauf Conjunto cart. y platos B42 giro i.	Cart. et plaque ass. B42 rot. g.	S24-10132-*	S24-30152-*	1
A	Cart. and plate ass'y B45 C.W. Ins. cart. B45 oraria	Pumpeneinheit B45 Rechtslauf Conjunto cart. y platos B45 giro d.	Cart. et plaque ass. B45 rot. d.	S24-10136-*	S24-30153-*	1
A	Cart. and plate ass'y B45 C.C.W. Ins. cart. B45 antioraria	Pumpeneinheit B45 Linkslauf Conjunto cart. y platos B45 giro i.	Cart. et plaque ass. B45 rot. g.	S24-10137-*	S24-30154-*	1
A	Cart. and plate ass'y B50 C.W. Ins. cart. B50 oraria	Pumpeneinheit B50 Rechtslauf Conjunto cart. y platos B50 giro d.	Cart. et plaque ass. B50 rot. d.	S24-40610-*	S24-40030-*	1

Spare part list

Series T6D*, Denison Vane Pumps

Item Pos. Ref. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil N° Code N° Referencia T6D	Part N° Teil N° Code N° Referencia T6DM - T6DP	Qty Stück Qte Cant.
A	Cart. and plate ass'y B50 C.C.W. Ins. cart. B50 antioraria	Pumpeneinheit B50 Linkslauf Conjunto cart. y platos B50 giro i.	Cart. et plaque ass. B50 rot. g.	S24-45060-*	S24-40031-*	1
	Seal kit (S1 - 0,7 bar) (T6D-T6DM) Serie guarnizioni (S1 - 0,7 bar) (T6D-T6DM)	Dichtringsatz (S1 - 0,7 bar) (T6D-T6DM) Juego de juntas (S1 - 0,7 bar) (T6D-T6DM)	Pochette de joint (S1 - 0,7 bar) (T6D-T6DM)	S24-10138-0	S24-10138-0	1
B	Seal kit (S1 - 0,7 bar) (T6DP) Serie guarnizioni (S1 - 0,7 bar) (T6DP)	Dichtringsatz (S1 - 0,7 bar) (T6DP) Juego de juntas (S1 - 0,7 bar) (T6DP)	Pochette de joint (S1 - 0,7 bar) (T6DP)		S24-30155-0	1
	Seal kit (S4 - 7 bar) Serie guarnizioni (S4 - 7 bar)	Dichtringsatz (S4 - 7 bar) Juego de juntas (S4 - 7 bar)	Pochette de joint (S4 - 7 bar)	S24-10138-4	S24-10138-4	1
	Seal kit (S5 - 7 bar) Serie guarnizioni (S5 - 7 bar)	Dichtringsatz (S5 - 7 bar) Juego de juntas (S5 - 7 bar)	Pochette de joint (S5 - 7 bar)	S24-10138-5	S24-10138-5	1
C	Shaft and bearing ass'y (code 1) Ins. albero (codice 1)	Baugruppe (Welle u. Lager) (Typ 1) Conjunto eje cojinete (codigo 1)	Arbre et roulement ass. (code 1)	S14-20084-0	S14-20084-0	1
D	Shaft and bearing ass'y (code 2) Ins. albero (codice 2)	Baugruppe (Welle u. Lager) (Typ 2) Conjunto eje cojinete (codigo 2)	Arbre et roulement ass. (code 2)	S14-25646-0	S14-25646-0	1
E	Shaft and bearing ass'y (code 3) (T6D-T6DM) Ins. albero (codice 3) (T6D-T6DM)	Baugruppe (Welle u. Lager) (Typ 3) (T6D-T6DM) Conjunto eje cojinete (codigo 3) (T6D-T6DM)	Arbre et roulement ass. (code 3) (T6D-T6DM)	S14-20085-0	S14-20085-0	1
	Shaft and bearing ass'y (code 3) (T6DP) Ins. albero (codice 3) (T6DP)	Baugruppe (Welle u. Lager) (Typ 3) (T6DP) Conjunto eje cojinete (codigo 3) (T6DP)	Arbre et roulement ass. (code 3) (T6DP)		S24-30160-0	1
F	Shaft and bearing ass'y (code 4) Ins. albero (codice 4)	Baugruppe (Welle u. Lager) (Typ 4) Conjunto eje cojinete (codigo 4)	Arbre et roulement ass. (code 4)	S14-40835-0	S14-40835-0	1
G	Port plate-rear and bush ass'y Ins. piatto distributore post.	Steuerplatte mit Buchse Conj. plato dist. tras. con coj. fricción	Plaque ar. et begue ass.		S24-10122-0	1
	Seal class Tipo di guarnizioni	Dichtringsatz Classe de juntas	Classe de joint	S**.*****.* =		
				S1 BUNA N S**.*****.-0		
				S4 EPDM S**.*****.-4		
				S5 VITON® S**.*****.-5		



Designation - type

Typenschlüssel

Model Code

Numéro du modèle :

Typenbezeichnung :

Model number :

Série
 Une lettre peut être ajoutée pour spécifier les pièces spéciales dans la série.

Baureihe
 Optionen

Series
 One letter can be added to specify special parts in series

Camé
 (débit 0 bar - 1500 tr/min)

geom. Fördervolumen (Flügelzellenpumpe)
 (Förderstrom bei 0 bar - 1500 U/min)

Cam ring
 (delivery at 0 bar - 1500 rpm)

- B35 = 166,5 l/min
- B38 = 180,4 l/min
- B42 = 204,0 l/min
- B45 = 218,5 l/min
- B50 = 237,0 l/min

- B14 = 71,4 l/min
- B20 = 99,0 l/min
- B24 = 119,3 l/min
- B28 = 134,5 l/min
- B31 = 147,4 l/min

- B14 = 71,4 l/min
- B20 = 99,0 l/min
- B24 = 119,3 l/min
- B28 = 134,5 l/min
- B31 = 147,4 l/min

Type d'arbre
 1 = à clavette (SAE C)
 2 = à clavette (non SAE)
 3 = à cannelures (SAE C)
 4 = à cannelures (non SAE)

Art der Welle
 1 = Papfenwelle (SAE C)
 2 = Papfenwelle (nicht SAE)
 3 = Vielkeilwelle (SAE C)
 4 = Vielkeilwelle (nicht SAE)

Type of shaft
 1 = keyed (SAE C)
 2 = keyed (no SAE)
 3 = splined (SAE C)
 4 = splined (no SAE)

Sens de rotation
 R = à droite
 L = à gauche

Drehrichtung
 R = Rechtslauf
 L = Linkslauf

Direction of rotation
 R = Clockwise
 L = Counter-clockwise

Combinaison des orifices
 00 = standard

Lage der Anschlüsse
 00 = standard

Porting combination
 00 = standard

Conception

Ausführungsbuchstabe

Design letter

Classe de joint
 1 = S1 - BUNA N
 4 = S4 - EPDM
 5 = S5 - VITON

Dichtungs-kategorie
 1 = S1 - BUNA N
 4 = S4 - EPDM
 5 = S5 - VITON

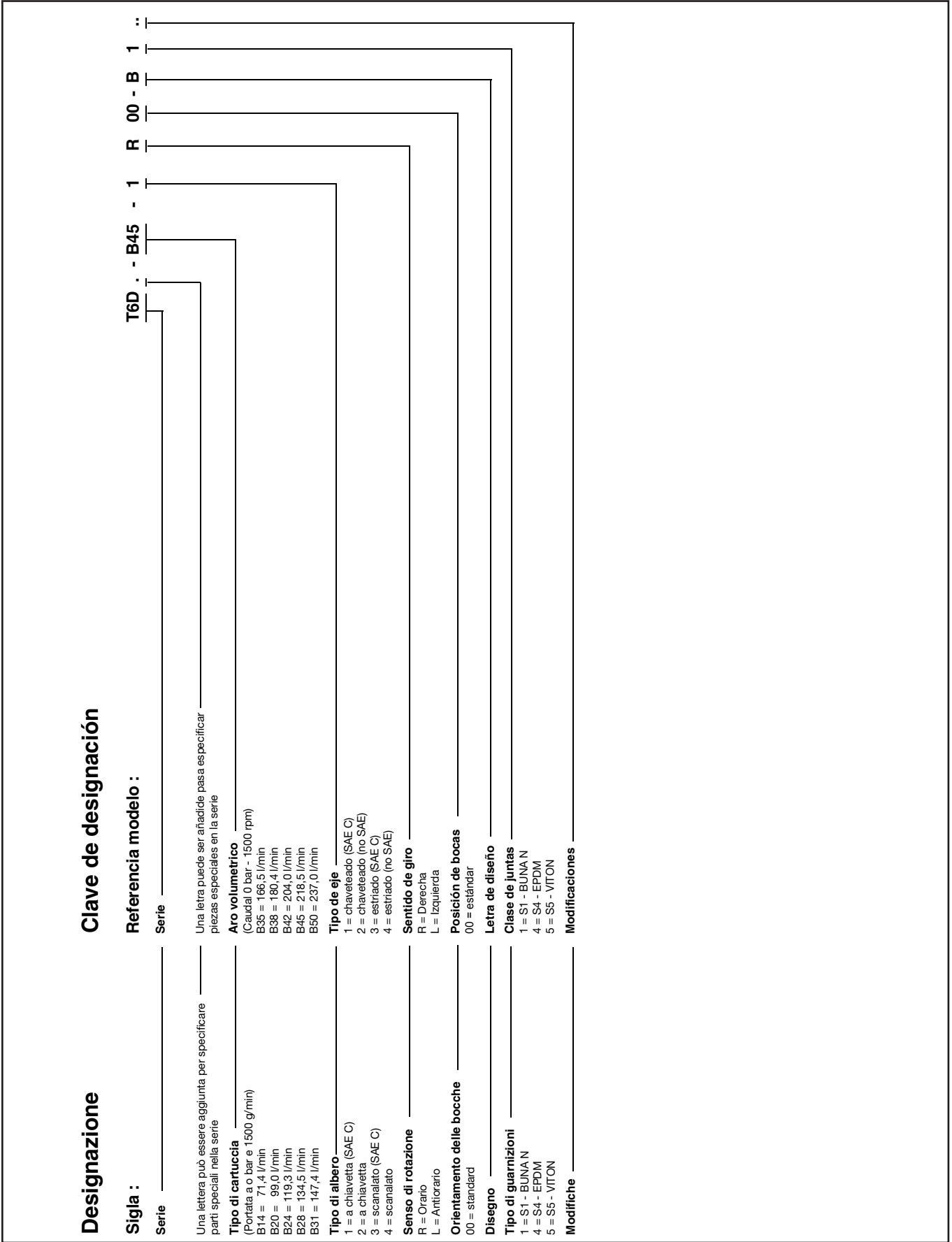
Seal class
 1 = S1 - BUNA N
 4 = S4 - EPDM
 5 = S5 - VITON

Modifications

Modifikationen

Modifications





Designazione

Clave de designación

Sigla :

Referencia modelo :

Serie

Serie

Una lettera può essere aggiunta per specificare parti speciali nella serie

Una letra puede ser añadida para especificar piezas especiales en la serie

Tipo di cartuccia

Aro volumetrico

- (Portata a 0 bar e 1500 g/min)
- B14 = 71,4 l/min
- B20 = 99,0 l/min
- B24 = 119,3 l/min
- B28 = 134,5 l/min
- B31 = 147,4 l/min

- (Caudal 0 bar - 1500 rpm)
- B35 = 166,5 l/min
- B38 = 180,4 l/min
- B42 = 204,0 l/min
- B45 = 218,5 l/min
- B50 = 237,0 l/min

Tipo di albero

Tipo de eje

- 1 = a chiave (SAE C)
- 2 = a chavetta
- 3 = scanalato (SAE C)
- 4 = scanalato

- 1 = chaveteado (SAE C)
- 2 = chaveteado (no SAE)
- 3 = estriado (SAE C)
- 4 = estriado (no SAE)

Senso di rotazione

Sentido de giro

- R = Orario
- L = Antiorario

- R = Derecha
- L = Izquierda

Orientamento delle bocche

Posición de bocas

- 00 = standard

- 00 = estándar

Disegno

Letra de diseño

Tipo di guarnizioni

Clase de juntas

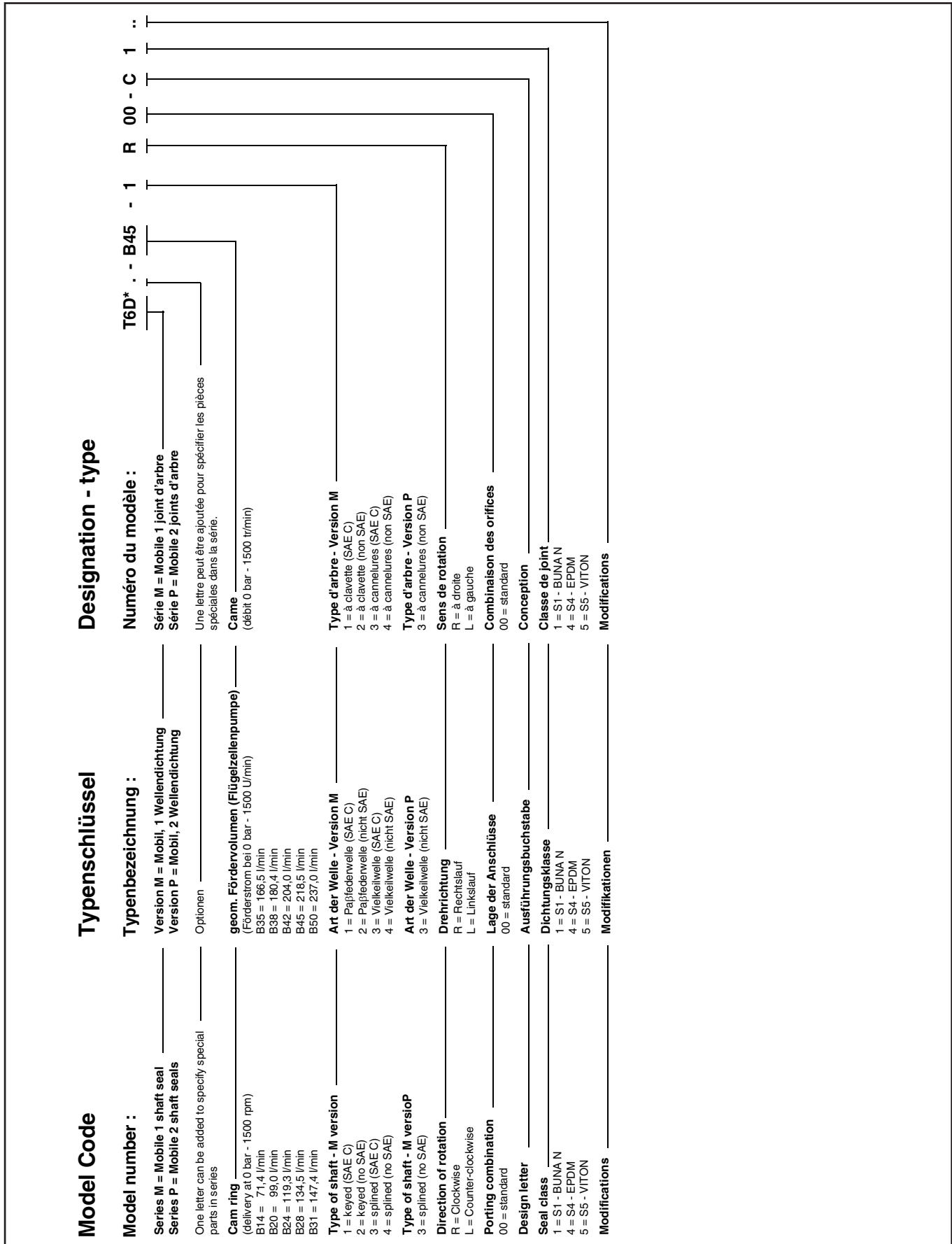
- 1 = S1 - BUINA
- 4 = S4 - EPDM
- 5 = S5 - VITON

- 1 = S1 - BUINA
- 4 = S4 - EPDM
- 5 = S5 - VITON

Modifiche

Modificaciones





Designazione	Clave de designación
Sigla :	T6D* - - B45 - 1 - R 00 - C 1
Serie M = Mobile 1 guarnizione albero Serie P = Mobile 2 guarnizioni albero	Referencia modelo : Serie M = Movil 1 reten eje Serie P = Movil 2 retenes eje
Una lettera può essere aggiunta per specificare parti speciali nella serie	Una letra puede ser añadida para especificar piezas especiales en la serie
Tipo di cartuccia (Portata a 0 bar e 1500 g/min) B14 = 71,4 l/min B20 = 99,0 l/min B24 = 119,3 l/min B28 = 134,5 l/min B31 = 147,4 l/min	Aro volumetrico (Caudal a 0 bar - 1500 rpm) B35 = 166,5 l/min B38 = 180,4 l/min B42 = 204,0 l/min B45 = 218,5 l/min B50 = 237,0 l/min
Tipo di albero - Versione M 1 = a chiavetta (SAE C) 2 = a chiavetta 3 = scanalato (SAE C) 4 = scanalato	Tipo de eje - Version M 1 = chaveteado (SAE C) 2 = chaveteado (no SAE) 3 = estriado (SAE C) 4 = estriado (no SAE)
Tipo di albero - Versione P 3 = scanalato	Tipo de eje - Version P 3 = estriado (no SAE)
Senso di rotazione R = Oraiò L = Antioraiò	Sentido de giro R = Derecha L = Izquierda
Orientamento delle bocche 00 = standard	Posición de bocas 00 = estándar
Disegno	Letra de diseño
Tipo di guarnizioni 1 = S1 - BUANA 4 = S4 - EPDM 5 = S5 - VITON	Clase de juntas 1 = S1 - BUANA 4 = S4 - EPDM 5 = S5 - VITON
Modifiche	Modificaciones



Warning**WARNING — USER RESPONSIBILITY**

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parker.me@parker.com

AT – Austria, Wiener Neustadt

Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener
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Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AZ – Azerbaijan, Baku

Tel: +994 50 22 33 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles

Tel: +32 (0)67 280 900
parker.belgium@parker.com

BG – Bulgaria, Sofia

Tel: +359 2 980 1344
parker.bulgaria@parker.com

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Tel: +48 (0)22 573 24 00
parker.poland@parker.com

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parker.switzerland@parker.com

CZ – Czech Republic, Klecany

Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst

Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup

Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid

Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa

Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve

Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens

Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaoers

Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin

Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IT – Italy, Corsico (MI)

Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty

Tel: +7 7273 561 000
parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal

Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker

Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw

Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal

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parker.portugal@parker.com

RO – Romania, Bucharest

Tel: +40 21 252 1382
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parker.russia@parker.com

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Tel: +46 (0)8 59 79 50 00
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SK – Slovakia, Banská Bystrica

Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto

Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul

Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev

Tel: +48 (0)22 573 24 00
parker.poland@parker.com

UK – United Kingdom, Warwick

Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park

Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

US – USA, Cleveland

(industrial)
Tel: +1 216 896 3000

US – USA, Elk Grove Village

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Asia Pacific

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South America

AR – Argentina, Buenos Aires

Tel: +54 3327 44 4129

BR – Brazil, Cachoeirinha RS

Tel: +55 51 3470 9144

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Tel: +56 2 623 1216

MX – Mexico, Toluca

Tel: +52 72 2275 4200

EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL,
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