

## Hydraulic Pumps - Service Information T7ED / T7EDS

Denison Vane - Flügelzellen - Palettes - Palette - Paletas

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



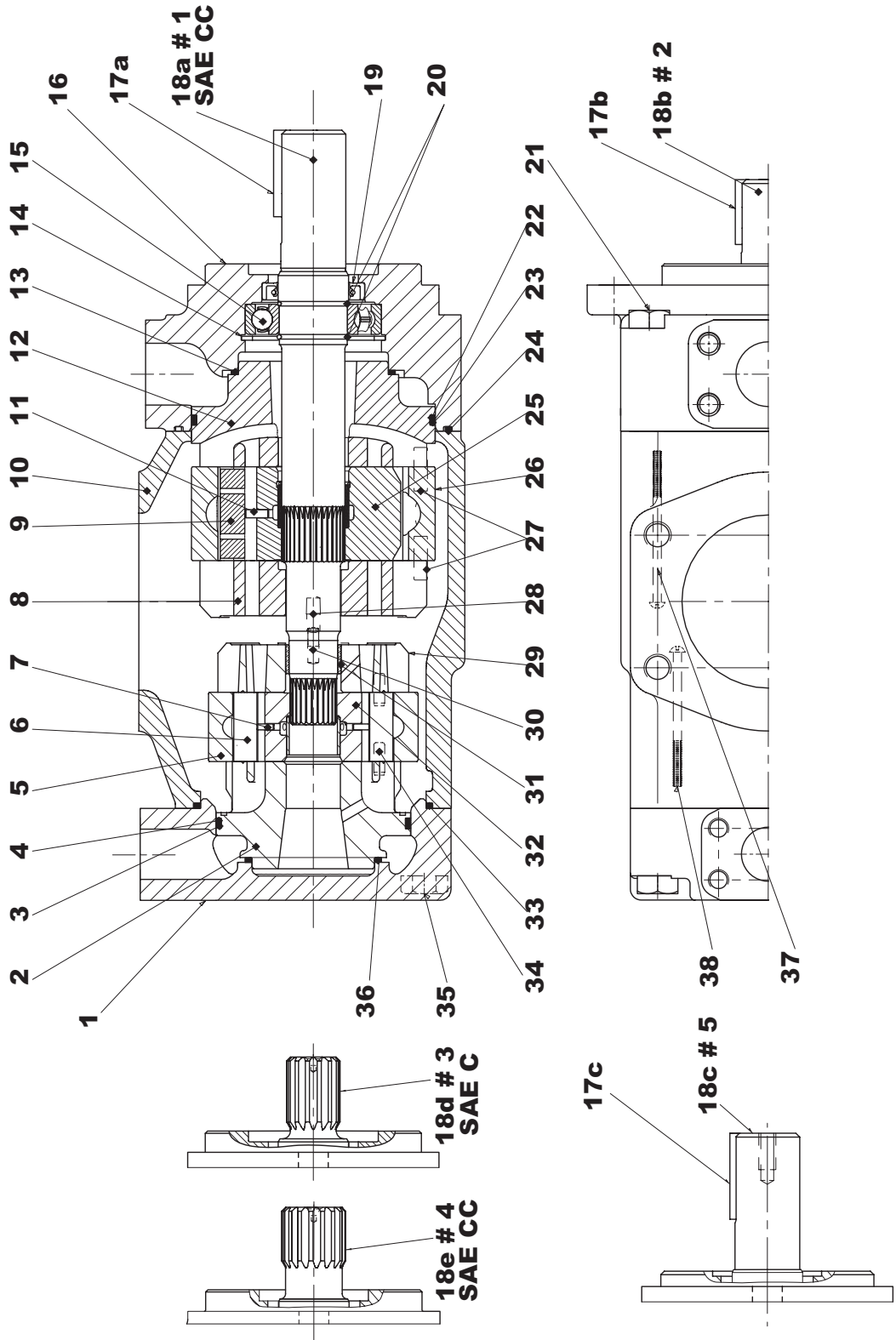
ENGINEERING YOUR SUCCESS.

**Drawing**

**T7ED - T7EDS**

Item - Pos. - Réf. - Pos.	21 - 35
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



## Spare part list

## Series T7ED\*, Denison Vane Pumps

Item Pos. Réf. Pos. Pos.	Description Descrizione	Benennung Description	Description	Part N°		Qty Stück Qté Q.tà Cant.
				Teil Nr. Code N° Cod. N° Referencia T7ED	Teil Nr. Code N° Cod. N° Referencia T7EDS	
1	End cap (metric)	Deckel (Metrisch)	Chapeau (métrique)	034-66894-0		1
	Coperchio (metrica)	Tappe (metrico)	Chapeau (UNC)		034-70275-0	1
2	Port plate-pressure (Except cam rings 045-050)	Steuerplatte (außer Hubringe 045-050)	Plaque pression (Excepté cames 045-050)			1
	Port plate-pressure C.C.W. (Only cam ring 045 - 050)	Platto distribuidor-presión (Excepto los aros 045-050)	Plaque press. rot. g. (Seulement cames 045-050)	B	034-67479-0	1
	Platto dist. anter. anterioraria (Solo anello camma 045-050)	Steuerplatte Linkslauf (nur Hubringe 045-050)		B	034-67111-0	1
	Port plate-pressure C.W. (Only cam ring 045 - 050)	Platto distribuidor-presión giro I (Solo los aros 045-050)	Steuerplatte Rechtslauf (nur Hubringe 045-050)	B	034-67113-0	1
	Platto dist. anter. Oraria (Solo anello camma 045-050)	Platto distribuidor-presión giro D (Solo Hubringe 045-050)		BC	691-10244-0	1
3	Sq. section seal	Dichting	Joint section carrée			1
4	Guarnizione	Junta sección cuadrada				1
	Back-up ring	Stützring	Bague anti-extrusion	BC	618-00011-3	1
5	Anello anti-estruzione	Anillo				1
	Cam ring 014	Hubring 014	Came 014	B	034-67469-0	1
	Anello camma 014	Aro volumetrico 014		B	034-67470-0	1
	Cam ring 017	Hubring 017	Came 017	B	034-67470-0	1
	Anello camma 017	Aro volumetrico 017		B	034-67159-0	1
	Cam ring 020	Hubring 020	Came 020	B	034-67482-0	1
	Anello camma 020	Aro volumetrico 020		B	034-67158-0	1
	Cam ring 022	Hubring 022	Came 022	B	034-67157-0	1
	Anello camma 022	Aro volumetrico 022		B	034-67156-0	1
	Cam ring 024	Hubring 024	Came 024	B	034-67154-0	1
	Anello camma 024	Aro volumetrico 024		B	034-67153-0	1
	Cam ring 028	Hubring 028	Came 028	B	034-59131-0	1
Anello camma 028	Aro volumetrico 028		B	034-66737-0	1	
Cam ring 031	Hubring 031	Came 031	B	034-67453-0	12	
Anello camma 031	Aro volumetrico 031		B	034-53588-0	10	
Cam ring 035	Hubring 035	Came 035	B	034-59098-0	12	
Anello camma 035	Aro volumetrico 035		B	034-59130-0	10	
Cam ring 038	Hubring 038	Came 038	B	034-67435-0	1	
Anello camma 038	Aro volumetrico 038		B	034-67407-0	1	
Cam ring 042	Hubring 042	Came 042	B			1
Anello camma 042	Aro volumetrico 042		B			1
Cam ring 045	Hubring 045	Came 045	B			1
Anello camma 045	Aro volumetrico 045		B			1
Cam ring 050	Hubring 050	Came 050	B			1
Anello camma 050	Aro volumetrico 050		B			1
6	Vane (Except cam rings 045-050)	Flügel (außer Hubringe 045-050)	Palette (Excepté cames 045-050)			12
	Paletta (Excepto anello camma 045-050)	Paleta (Excepto los aros 045-050)	Palette (Seulement cames 045-050)	B	034-67453-0	10
7	Vane (Only cam ring 045 - 050)	Flügel (nur Hubringe 045-050)		B	034-53588-0	10
	Paletta (Solo anello camma 045-050)	Paleta (Solo los aros 045-050)		B	034-59098-0	12
	Pin-vane holdout (Except cam rings 045-050)	Stößel (außer Hubringe 045-050)	Poussoir de palette (Excepté cames 045-050)	B	034-59130-0	10
	Pistoncino di sostentamento (Excepto anello camma 045-050)	Espligino empuje paleta (Excepto los aros 045-050)	Poussoir de palette (Seulement cames 045-050)	B	034-59130-0	10
Pin-vane holdout (Only cam ring 045 - 050)	Stößel (nur Hubringe 045-050)		B	034-67435-0	1	
Pistoncino di sostentamento (Solo anello camma 045-050)	Espligino empuje paleta (Solo los aros 045-050)		B	034-67407-0	1	
Port plate-rear C.C.W.	Steuerplatte Linkslauf		AJ		1	
Platto dist. post. Antioraria	Steuerplatte Rechtslauf		AK		1	
Port plate-rear C.W.	Platto dist. trasero giro I					1
Platto dist. post. Oraria	Platto dist. trasero giro D					1

## Spare part list

Item Pos.	Description	Benennung	Description	Part N° Teil Nr. Code N° Cod. N° Referencia	Part N° Teil Nr. Code N° Cod. N° Referencia	Qty Stück Qté Q.tà Cant.
Pos.	Descrizione			T7ED	T7EDS	
9	Vane Paleta	Flügel Paleta	Paleta	A	034-59162-0	12
	Housing (standard) (metric)	Gehäuse (Standard) (Metrisch)	Carter (standard) (métrique)		034-66893-0	1
10	Corpo (standard) (metrico)	Cuerpo (estándar) (metrica)				
	Housing (standard) (UNC)	Gehäuse (Standard) (UNC)	Carter (standard) (UNC)		034-70271-0	1
	Corpo (standard) (UNC)	Cuerpo (estándar) (UNC)				
11	Pin-vane holdout	Stössel	Poussoir de palette	A	034-59161-0	12
	Pistoncino di sustentamento	Espiga empuje palette				
	Port plate-pressure C.C.W.	Steuerplatte Linkslauf	Plaque press. rot. g.	A	034-67434-0	1
12	Platto dist. anter. antioraria	Plato distribuidor-presión giro l				
	Port plate-pressure C.W.	Steuerplatte Rechtslauf	Plaque press. rot. d.	A	034-67408-0	1
	Platto dist. anter. Oraria	Plato distribuidor-presión giro D				
13	Sq. section seal	Dichtring	Joint section carrée	AC	691-10237-0	1
	Guarnizione	Junta sección cuadrada				
14	Retaining ring	Sicherungsring	Circlips		356-30315-0	1
	Anello elastico	Anillo de retención				
15	Ball bearing	Kugellager	Roulement à billes	DEF		1
	Cuscinetto a sfera	Cojinete de bolas		GH	230-03208-0	
	Mounting cap (ISO)	Deckel (ISO)	Chapeau de montage (ISO)		034-67646	1
	Coperchio (ISO)	Tapa de montaje (ISO)				
	Mounting cap (metric)	Deckel (Metrisch)	Chapeau de montage (métrique)		034-66735-0	1
16	Coperchio (metrica)	Tapa de montaje (metrico)				
	Mounting cap (UNC)	Deckel (UNC)	Chapeau de montage (UNC)		034-70265-0	1
	Coperchio (UNC)	Tapa de montaje (UNC)				
17a	Key (code 1)	Paßfeder (Typ 1)	Clavette (code 1)	D	034-70330-0	1
	Chiavetta (codice 1)	Chaveta (codigo 1)				
17b	Key (code 2)	Paßfeder (Typ 2)	Clavette (code 2)	E	034-49676-0	1
	Chiavetta (codice 2)	Chaveta (codigo 2)				
17c	Key (code 5)	Paßfeder (Typ 5)	Clavette (code 5)	H	034-70330-0	1
	Chiavetta (codice 5)	Chaveta (codigo 5)				
18a	Shaft (keyed) (code 1) (SAE CC)	Welle für Paßfeder (Typ 1) (SAE CC)	Albre a clavette (code 1) (SAE CC)	D	034-71416-0	1
	Albero a chiavetta (codice 1) (SAE CC)	Eje chaveteado (codigo 1) (SAE CC)				
18b	Shaft (keyed) (code 2)	Welle für Paßfeder (Typ 2)	Albre a clavette (code 2)	E	034-66892-0	1
	Albero a chiavetta (codice 2)	Eje chaveteado (codigo 2)				
18c	Shaft (keyed) (code 5) (ISO/R775 - G38M)	Welle für Paßfeder (Typ 5) (ISO/R775 - G38M)	Albre a clavette (code 5) (ISO/R775 - G38M)	H	034-67648-0	1
	Albero a chiavetta (codice 5) (ISO/R775 - G38M)	Eje chaveteado (codigo 5) (ISO/R775 - G38M)				
18e	Shaft (spined) (code 3) (SAE C)	Vielkeiwell (Typ 3) (SAE C)	Albre a cannelures (code 3) (SAE C)	F	034-71415-0	1
	Albero a scanalato (codice 3) (SAE C)	Eje esariado (codigo 3) (SAE C)				
18d	Shaft (spined) (code 4) (SAE CC)	Vielkeiwell (Typ 4) (SAE CC)	Albre a cannelures (code 4) (SAE CC)	G	034-71417-0	1
	Albero scanalato (codice 4) (SAE CC)	Eje esariado (codigo 4) (SAE CC)				
19	Shaft seal (S1 - 0.7 bar)	Simmering (S1 - 0.7 bar)	Joint d'arbre (S1 - 0.7 bar)	C	620-82064-0	1
	Paraolio (S1 - 0.7 bar)	Reten eje (S1 - 0.7 bar)				
	Shaft seal (S4 - S5 - 7 bar)	Simmering (S4 - S5 - 7 bar)	Joint d'arbre (S4 - S5 - 7 bar)	C	620-82072-0	1
	Paraolio (S4 - S5 - 7 bar)	Reten eje (S4 - S5 - 7 bar)				
20	Round section ring	Sicherungsring	Anneau	DEF	034-70866-0	2
	Anello elastico	Anillo tórico		GH	306-40216-0	4
21	Screw	Schraube	Vis			
	Vite	Tomille				
22	Sq. section seal	Dichting	Joint section carrée	AC	691-10253-0	1
	Guarnizione	Junta sección cuadrada				

## Spare part list

## Series T7ED\*, Denison Vane Pumps

Item Pos. Réf. Pos.	Description Descrizione	Benennung Description	Description	Part N°		Qty Stück Qté Q.tà Cant.
				Teil Nr. Code N° Cod. N° Referencia T7ED	Teil Nr. Code N° Cod. N° Referencia T7EDS	
23	Back-up ring Anello anti-estrusione	Stützring Anillo	Bague anti-extrusion	AC	618-00012-3	1
24	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	AC	671-10259-0	1
25	Rotor ass'y Insieme rotore	Rotor Conjunto rotor	Rotor ass.	A	S24-10185-0	1
	Cam ring 042 Anello camma 042	Hubring 042 Aro volumétrico 042	Came 042	A	034-67503-0	1
	Cam ring 045 Anello camma 045	Hubring 045 Aro volumétrico 045	Came 045	A	034-67504-0	1
	Cam ring 050 Anello camma 050	Hubring 050 Aro volumétrico 050	Came 050	A	034-67505-0	1
	Cam ring 052 Anello camma 052	Hubring 052 Aro volumétrico 052	Came 052	A	034-67506-0	1
	Cam ring 054 Anello camma 054	Hubring 054 Aro volumétrico 054	Came 054	A	034-67619-0	1
26	Cam ring 057 Anello camma 057	Hubring 057 Aro volumétrico 057	Came 057	A	034-67507-0	1
	Cam ring 062 Anello camma 062	Hubring 062 Aro volumétrico 062	Came 062	A	034-67508-0	1
	Cam ring 066 Anello camma 066	Hubring 066 Aro volumétrico 066	Came 066	A	034-67509-0	1
	Cam ring 072 Anello camma 072	Hubring 072 Aro volumétrico 072	Came 072	A	034-67447-0	1
	Cam ring 085 Anello camma 085	Hubring 085 Aro volumétrico 085	Came 085	A	034-67455-0	1
27	Dowel pin Spina	Zentrierstift Pasador	Goupille	A	324-22016-0	2
28	Dowel pin Spina	Zentrierstift Pasador	Goupille	AJK	323-82014-0	1
	Port plate-rear (Except cam rings 045-050) Piatto distributore post. (Eccetto anello camma 045-050)	Steuerplatte (außer Hubringe 045-050) Plato distribuidor trasero (Excepto los aros 045-050)	Plaque arrière (Excepté cames 045-050)	BL	034-67484-0	1
29	Port plate-rear C.C.W. (Only cam ring 045 - 050) Piatto dist. post. Antioraria (Solo anello camma 045-050)	Steuerplatte Linkslauf (nur Hubringe 045-050) Plato dist. trasero giro I (Solo los aros 045-050)	Plaque arr. rot. g. (Seulement cames 045-050)	BM	034-67475-0	1
	Port plate-rear C.W. (Only cam ring 045 - 050) Piatto dist. post. Oraria (Solo anello camma 045-050)	Steuerplatte Rechtslauf (nur Hubringe 045-050) Plato dist. trasero giro D (Solo los aros 045-050)	Plaque arr. rot. d. (Seulement cames 045-050)	BN	034-67474-0	1
30	Dowel pin Spina	Zentrierstift Pasador	Goupille	BL MN	323-82004-0	1
31	Bush Bussola	Buchse Cojinete de fricción	Bague	BL MN	034-59901-0	1
32	Rotor ass'y (Except cam rings 045-050) Insieme rotore (Eccetto anello camma 045-050)	Rotor (außer Hubringe 045-050) Conjunto rotor (Excepto los aros 045-050)	Rotor ass. (Excepté cames 045-050)	B	S24-73783-0	1
	Rotor ass'y (Only cam ring 045 - 050) Insieme rotore (Solo anello camma 045-050)	Rotor (nur Hubringe 045-050) Conjunto rotor (Solo los aros 045-050)	Rotor ass. (Seulement cames 045-050)	B	S24-10121-0	1
33	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	BC	671-10159-0	1
34	Dowel pin Spina	Zentrierstift Pasador	Goupille	B	324-21612-0	2
35	Screw Vite	Schraube Tornille	Vis		306-40156-0	4

## Spare part list

Item Pos. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7ED	Part N° Teil Nr. Code N° Cod. N° Referencia T7EDS	Qty Stück Qté Q.tà Cant.
36	Sq. section seal Guarnizione	Dichtung Junta seccion cuadrada	Joint section carrée	691-10232-0		1
37	Screw Vite	Schraube Tornille	Vis	310-10340-0		2
38	Screw Vite	Schraube Tornille	Vis	317-10300-3		2
	<b>REPAIR KIT</b>	<b>AUSTAUSCH-BAUGRUPPEN</b>	<b>POCHETTES RECHANGES</b>			
	<b>KIT DI RICAMBIO</b>	<b>CUNJUNTO REPARACION</b>				
A	Cart. and plate ass'y 042 C.W. (P1)	Pumpeneinheit 042 Rechtslauf (P1)	Cart. et plaque ass. 042 rot. d. (P1)	S24-77675*		1
A	Ins. cart. 042 oraria (P1)	Conjunto cart. y platos 042 giro d. (P1)				
A	Cart. and plate ass'y 042 C.C.W. (P1)	Pumpeneinheit 042 Linkslauf (P1)	Cart. et plaque ass. 042 rot. g. (P1)	S24-77676*		1
A	Ins. cart. 042 antioraria (P1)	Conjunto cart. y platos 042 giro i. (P1)				
A	Cart. and plate ass'y 045 C.W. (P1)	Pumpeneinheit 045 Rechtslauf (P1)	Cart. et plaque ass. 045 rot. d. (P1)	S24-77677*		1
A	Ins. cart. 045 oraria (P1)	Conjunto cart. y platos 045 giro d. (P1)				
A	Cart. and plate ass'y 045 C.C.W. (P1)	Pumpeneinheit 045 Linkslauf (P1)	Cart. et plaque ass. 045 rot. g. (P1)	S24-77678*		1
A	Ins. cart. 045 antioraria (P1)	Conjunto cart. y platos 045 giro i. (P1)				
A	Cart. and plate ass'y 050 C.W. (P1)	Pumpeneinheit 050 Rechtslauf (P1)	Cart. et plaque ass. 050 rot. d. (P1)	S24-77679*		1
A	Ins. cart. 050 oraria (P1)	Conjunto cart. y platos 050 giro d. (P1)				
A	Cart. and plate ass'y 050 C.C.W. (P1)	Pumpeneinheit 050 Linkslauf (P1)	Cart. et plaque ass. 050 rot. g. (P1)	S24-77680*		1
A	Ins. cart. 050 antioraria (P1)	Conjunto cart. y platos 050 giro i. (P1)				
A	Cart. and plate ass'y 052 C.W. (P1)	Pumpeneinheit 052 Rechtslauf (P1)	Cart. et plaque ass. 052 rot. d. (P1)	S24-77681*		1
A	Ins. cart. 052 oraria (P1)	Conjunto cart. y platos 052 giro d. (P1)				
A	Cart. and plate ass'y 052 C.C.W. (P1)	Pumpeneinheit 052 Linkslauf (P1)	Cart. et plaque ass. 052 rot. g. (P1)	S24-77682*		1
A	Ins. cart. 052 antioraria (P1)	Conjunto cart. y platos 052 giro i. (P1)				
A	Cart. and plate ass'y 054 C.W. (P1)	Pumpeneinheit 054 Rechtslauf (P1)	Cart. et plaque ass. 054 rot. d. (P1)	S24-77683*		1
A	Ins. cart. 054 oraria (P1)	Conjunto cart. y platos 054 giro d. (P1)				
A	Cart. and plate ass'y 054 C.C.W. (P1)	Pumpeneinheit 054 Linkslauf (P1)	Cart. et plaque ass. 054 rot. g. (P1)	S24-77684*		1
A	Ins. cart. 054 antioraria (P1)	Conjunto cart. y platos 054 giro i. (P1)				
A	Cart. and plate ass'y 057 C.W. (P1)	Pumpeneinheit 057 Rechtslauf (P1)	Cart. et plaque ass. 057 rot. d. (P1)	S24-77685*		1
A	Ins. cart. 057 oraria (P1)	Conjunto cart. y platos 057 giro d. (P1)				
A	Cart. and plate ass'y 057 C.C.W. (P1)	Pumpeneinheit 057 Linkslauf (P1)	Cart. et plaque ass. 057 rot. g. (P1)	S24-77686*		1
A	Ins. cart. 057 antioraria (P1)	Conjunto cart. y platos 057 giro i. (P1)				
A	Cart. and plate ass'y 062 C.W. (P1)	Pumpeneinheit 062 Rechtslauf (P1)	Cart. et plaque ass. 062 rot. d. (P1)	S24-77687*		1
A	Ins. cart. 062 oraria (P1)	Conjunto cart. y platos 062 giro d. (P1)				
A	Cart. and plate ass'y 062 C.C.W. (P1)	Pumpeneinheit 062 Linkslauf (P1)	Cart. et plaque ass. 062 rot. g. (P1)	S24-77688*		1
A	Ins. cart. 062 antioraria (P1)	Conjunto cart. y platos 062 giro i. (P1)				
A	Cart. and plate ass'y 066 C.W. (P1)	Pumpeneinheit 066 Rechtslauf (P1)	Cart. et plaque ass. 066 rot. d. (P1)	S24-77689*		1
A	Ins. cart. 066 oraria (P1)	Conjunto cart. y platos 066 giro d. (P1)				
A	Cart. and plate ass'y 066 C.C.W. (P1)	Pumpeneinheit 066 Linkslauf (P1)	Cart. et plaque ass. 066 rot. g. (P1)	S24-77690*		1
A	Ins. cart. 066 antioraria (P1)	Conjunto cart. y platos 066 giro i. (P1)				
A	Cart. and plate ass'y 072 C.W. (P1)	Pumpeneinheit 072 Rechtslauf (P1)	Cart. et plaque ass. 072 rot. d. (P1)	S24-77691*		1
A	Ins. cart. 072 oraria (P1)	Conjunto cart. y platos 072 giro d. (P1)				
A	Cart. and plate ass'y 072 C.C.W. (P1)	Pumpeneinheit 072 Linkslauf (P1)	Cart. et plaque ass. 072 rot. g. (P1)	S24-77692*		1
A	Ins. cart. 072 antioraria (P1)	Conjunto cart. y platos 072 giro i. (P1)				
A	Cart. and plate ass'y 085 C.W. (P1)	Pumpeneinheit 085 Rechtslauf (P1)	Cart. et plaque ass. 085 rot. d. (P1)	S24-77693*		1
A	Ins. cart. 085 oraria (P1)	Conjunto cart. y platos 085 giro d. (P1)				
A	Cart. and plate ass'y 085 C.C.W. (P1)	Pumpeneinheit 085 Linkslauf (P1)	Cart. et plaque ass. 085 rot. g. (P1)	S24-77694*		1
A	Ins. cart. 085 antioraria (P1)	Conjunto cart. y platos 085 giro i. (P1)				

Spare part list

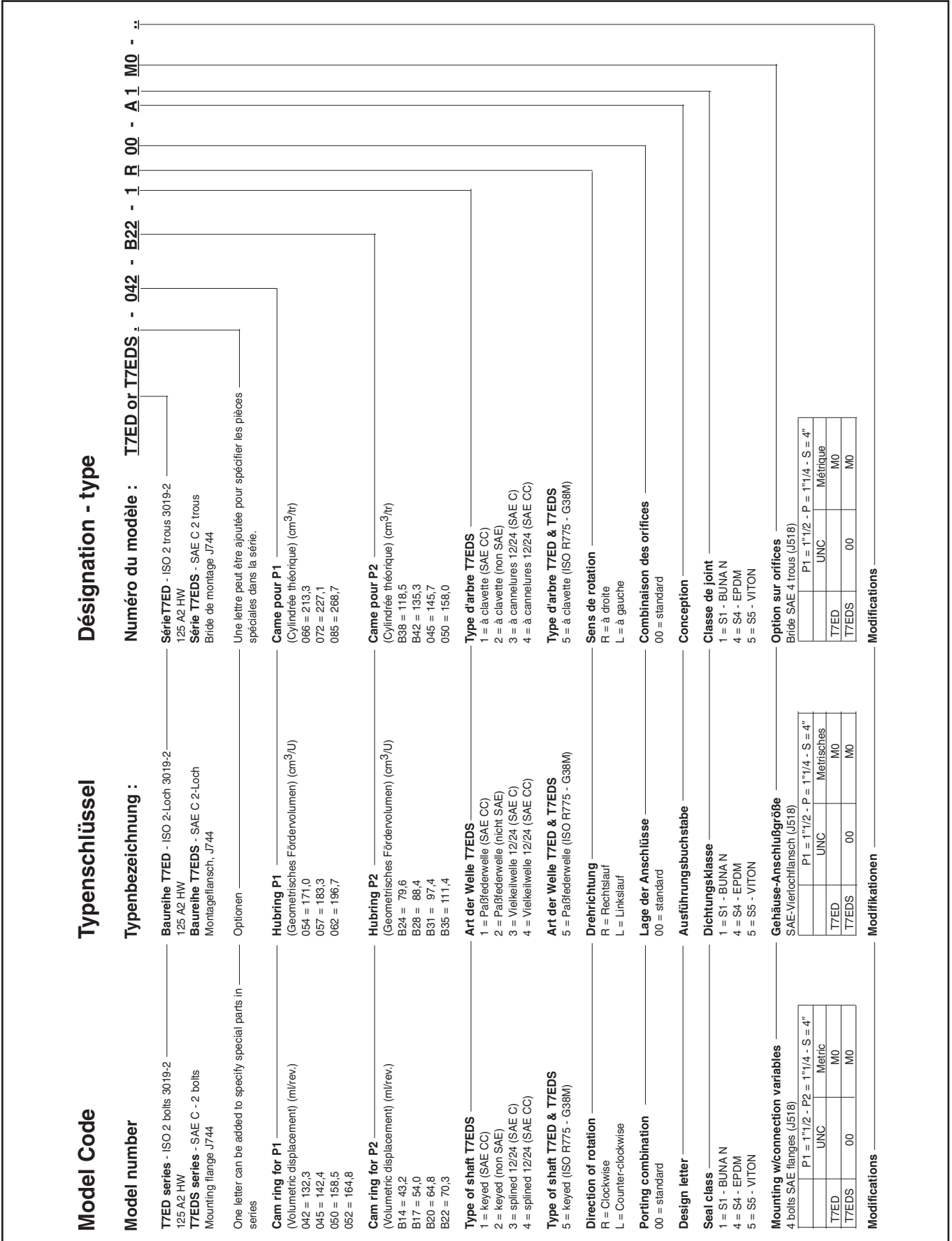
Item Pos. Réf. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7ED	Part N° Teil Nr. Code N° Cod. N° Referencia T7EDS	Qty Stück Qté Cant.
B	Cart. and plate ass'y B14 C.W. (P2) Ins. cart. B14 oraria (P2)	Pumpeneinheit B14 Rechtslauf (P2) Conjunto cart. y platos B14 giro d. (P2)	Cart. et plaque ass. B14 rot. d. (P2)	S24-90570-*	S24-90570-*	1
B	Cart. and plate ass'y B14 C.C.W. (P2) Ins. cart. B14 antioraria (P2)	Pumpeneinheit B14 Linkslauf (P2) Conjunto cart. y platos B14 giro i. (P2)	Cart. et plaque ass. B14 rot. g. (P2)	S24-90571-*	S24-90571-*	1
B	Cart. and plate ass'y B17 C.W. (P2) Ins. cart. B17 oraria (P2)	Pumpeneinheit B17 Rechtslauf (P2) Conjunto cart. y platos B17 giro d. (P2)	Cart. et plaque ass. B17 rot. d. (P2)	S24-90572-*	S24-90572-*	1
B	Cart. and plate ass'y B17 C.C.W. (P2) Ins. cart. B17 antioraria (P2)	Pumpeneinheit B17 Linkslauf (P2) Conjunto cart. y platos B17 giro i. (P2)	Cart. et plaque ass. B17 rot. g. (P2)	S24-90573-*	S24-90573-*	1
B	Cart. and plate ass'y B20 C.W. (P2) Ins. cart. B20 oraria (P2)	Pumpeneinheit B20 Rechtslauf (P2) Conjunto cart. y platos B20 giro d. (P2)	Cart. et plaque ass. B20 rot. d. (P2)	S24-90574-*	S24-90574-*	1
B	Cart. and plate ass'y B20 C.C.W. (P2) Ins. cart. B20 antioraria (P2)	Pumpeneinheit B20 Linkslauf (P2) Conjunto cart. y platos B20 giro i. (P2)	Cart. et plaque ass. B20 rot. g. (P2)	S24-90575-*	S24-90575-*	1
B	Cart. and plate ass'y B22 C.W. (P2) Ins. cart. B22 oraria (P2)	Pumpeneinheit B22 Rechtslauf (P2) Conjunto cart. y platos B22 giro d. (P2)	Cart. et plaque ass. B22 rot. d. (P2)	S24-90576-*	S24-90576-*	1
B	Cart. and plate ass'y B22 C.C.W. (P2) Ins. cart. B22 antioraria (P2)	Pumpeneinheit B22 Linkslauf (P2) Conjunto cart. y platos B22 giro i. (P2)	Cart. et plaque ass. B22 rot. g. (P2)	S24-90577-*	S24-90577-*	1
B	Cart. and plate ass'y B24 C.W. (P2) Ins. cart. B24 oraria (P2)	Pumpeneinheit B24 Rechtslauf (P2) Conjunto cart. y platos B24 giro d. (P2)	Cart. et plaque ass. B24 rot. d. (P2)	S24-90578-*	S24-90578-*	1
B	Cart. and plate ass'y B24 C.C.W. (P2) Ins. cart. B24 antioraria (P2)	Pumpeneinheit B24 Linkslauf (P2) Conjunto cart. y platos B24 giro i. (P2)	Cart. et plaque ass. B24 rot. g. (P2)	S24-90579-*	S24-90579-*	1
B	Cart. and plate ass'y B28 C.W. (P2) Ins. cart. B28 oraria (P2)	Pumpeneinheit B28 Rechtslauf (P2) Conjunto cart. y platos B28 giro d. (P2)	Cart. et plaque ass. B28 rot. d. (P2)	S24-90580-*	S24-90580-*	1
B	Cart. and plate ass'y B28 C.C.W. (P2) Ins. cart. B28 antioraria (P2)	Pumpeneinheit B28 Linkslauf (P2) Conjunto cart. y platos B28 giro i. (P2)	Cart. et plaque ass. B28 rot. g. (P2)	S24-90581-*	S24-90581-*	1
B	Cart. and plate ass'y B31 C.W. (P2) Ins. cart. B31 oraria (P2)	Pumpeneinheit B31 Rechtslauf (P2) Conjunto cart. y platos B31 giro d. (P2)	Cart. et plaque ass. B31 rot. d. (P2)	S24-90582-*	S24-90582-*	1
B	Cart. and plate ass'y B31 C.C.W. (P2) Ins. cart. B31 antioraria (P2)	Pumpeneinheit B31 Linkslauf (P2) Conjunto cart. y platos B31 giro i. (P2)	Cart. et plaque ass. B31 rot. g. (P2)	S24-90583-*	S24-90583-*	1
B	Cart. and plate ass'y B35 C.W. (P2) Ins. cart. B35 oraria (P2)	Pumpeneinheit B35 Rechtslauf (P2) Conjunto cart. y platos B35 giro d. (P2)	Cart. et plaque ass. B35 rot. d. (P2)	S24-90584-*	S24-90584-*	1
B	Cart. and plate ass'y B35 C.C.W. (P2) Ins. cart. B35 antioraria (P2)	Pumpeneinheit B35 Linkslauf (P2) Conjunto cart. y platos B35 giro i. (P2)	Cart. et plaque ass. B35 rot. g. (P2)	S24-90585-*	S24-90585-*	1
B	Cart. and plate ass'y B38 C.W. (P2) Ins. cart. B38 oraria (P2)	Pumpeneinheit B38 Rechtslauf (P2) Conjunto cart. y platos B38 giro d. (P2)	Cart. et plaque ass. B38 rot. d. (P2)	S24-90586-*	S24-90586-*	1
B	Cart. and plate ass'y B38 C.C.W. (P2) Ins. cart. B38 antioraria (P2)	Pumpeneinheit B38 Linkslauf (P2) Conjunto cart. y platos B38 giro i. (P2)	Cart. et plaque ass. B38 rot. g. (P2)	S24-90587-*	S24-90587-*	1
B	Cart. and plate ass'y B42 C.W. (P2) Ins. cart. B42 oraria (P2)	Pumpeneinheit B42 Rechtslauf (P2) Conjunto cart. y platos B42 giro d. (P2)	Cart. et plaque ass. B42 rot. d. (P2)	S24-90588-*	S24-90588-*	1
B	Cart. and plate ass'y B42 C.C.W. (P2) Ins. cart. B42 antioraria (P2)	Pumpeneinheit B42 Linkslauf (P2) Conjunto cart. y platos B42 giro i. (P2)	Cart. et plaque ass. B42 rot. g. (P2)	S24-90589-*	S24-90589-*	1
B	Cart. and plate ass'y 045 C.W. (P2) Ins. cart. 045 oraria (P2)	Pumpeneinheit 045 Rechtslauf (P2) Conjunto cart. y platos 045 giro d. (P2)	Cart. et plaque ass. 045 rot. d. (P2)	S24-10871-*	S24-10871-*	1
B	Cart. and plate ass'y 045 C.C.W. (P2) Ins. cart. 045 antioraria (P2)	Pumpeneinheit 045 Linkslauf (P2) Conjunto cart. y platos 045 giro i. (P2)	Cart. et plaque ass. 045 rot. g. (P2)	S24-10872-*	S24-10872-*	1
B	Cart. and plate ass'y 050 C.W. (P2) Ins. cart. 050 oraria (P2)	Pumpeneinheit 050 Rechtslauf (P2) Conjunto cart. y platos 050 giro d. (P2)	Cart. et plaque ass. 050 rot. d. (P2)	S24-40387-*	S24-40387-*	1
B	Cart. and plate ass'y 050 C.C.W. (P2) Ins. cart. 050 antioraria (P2)	Pumpeneinheit 050 Linkslauf (P2) Conjunto cart. y platos 050 giro i. (P2)	Cart. et plaque ass. 050 rot. g. (P2)	S24-40388-*	S24-40388-*	1
C	Seal kit (S1 - 0,7 bar) Serie guarnizioni (S1 - 0,7 bar)	Dichtringsatz (S1 - 0,7 bar) Juego de juntas (S1 - 0,7 bar)	Pochette de joint (S1 - 0,7 bar)	S24-10219-0	S24-10219-0	1



## Spare part list

Item Pos. Ref. Pos. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7ED	Part N° Teil Nr. Code N° Cod. N° Referencia T7EDS	Qty Stück Qté Q.tà Cant.
C	Seal kit (S4 - 7 bar)	Dichtungsatz (S4 - 7 bar)	Pochette de joint (S4 - 7 bar)	S24-10219-4	S24-10219-4	1
C	Serie guarnizioni (S4 - 7 bar)	Juego de juntas (S4 - 7 bar)	Pochette de joint (S5 - 7 bar)	S24-10219-5		1
C	Seal kit (S5 - 7 bar)	Dichtungsatz (S5 - 7 bar)				
D	Serie guarnizioni (S5 - 7 bar)	Juego de juntas (S5 - 7 bar)	Arbre et roulement ass. (code 1)	S14-28182-0		1
D	Shaft and bearing ass'y (code 1)	Baugruppe (Welle u. Lager) (Typ 1)				
E	Ins. albero (codice 1)	Conjunto eje cojinete (codigo 1)	Arbre et roulement ass. (code 2)	S24-49214-0		1
E	Shaft and bearing ass'y (code 2)	Baugruppe (Welle u. Lager) (Typ 2)				
F	Ins. albero (codice 2)	Conjunto eje cojinete (codigo 2)	Arbre et roulement ass. (code 3)	S14-28180-0		1
F	Shaft and bearing ass'y (code 3)	Baugruppe (Welle u. Lager) (Typ 3)				
G	Ins. albero (codice 3)	Conjunto eje cojinete (codigo 3)	Arbre et roulement ass. (code 4)	S14-28181-0		1
G	Shaft and bearing ass'y (code 4)	Baugruppe (Welle u. Lager) (Typ 4)				
H	Ins. albero (codice 4)	Conjunto eje cojinete (codigo 4)	Arbre et roulement ass. (code 5)	S24-77695-0		1
H	Shaft and bearing ass'y (code 5)	Baugruppe (Welle u. Lager) (Typ 5)				
I	Ins. albero (codice 5)	Conjunto eje cojinete (codigo 5)	Plaque arrière ass. rot. gauche (P1)	S24-76213-0		1
I	Port plate rear ass'y C.C.W. (P1)	Steuerplatte Linkslauf (P1)				
J	Ins. piatto dist. post. Antioraria (P1)	Conj. plato dist. trasero giro I (P1)	Plaque arrière ass. rot. droite (P1)	S24-73820-0		1
J	Port plate rear ass'y C.W. (P1)	Steuerplatte Rechtslauf (P1)				
K	Ins. piatto dist. post. Oraria (P1)	Conj. plato dist. trasero giro D (P1)	Plaque arr. et bague ass. (P2)	S24-90562-0		1
K	Port plate rear and bush ass'y (P2)	Steuerplatte mit buchse (P2)	(Excepté cames 045-050)			
L	(Except cam rings 045-050)	(außer Hubringe 045-050)				
L	Ins. piatto dist. post. (P2)	Conj. plato dist. tras. con conj. Fricción (P2)				
L	(Excepte anello camma 045-050)	(Excepto los aros 045-050)				
M	Port plate rear ass'y C.C.W. (P2)	Steuerplatte Linkslauf (P2)	Plaque arrière ass. rot. gauche (P2)	S24-76149-0		1
M	(Only cam ring 045 - 050)	(nur Hubringe 045-050)	(Seulement cames 045-050)			
M	Ins. piatto dist. post. Antioraria (P2)	Conj. plato dist. trasero giro I (P2)				
M	(Solo anello camma 045-050)	(Solo los aros 045-050)				
N	Port plate rear ass'y C.W. (P2)	Steuerplatte Rechtslauf (P2)	Plaque arrière ass. rot. Droite (P2)	S24-76148-0		1
N	(Only cam ring 045 - 050)	(nur Hubringe 045-050)	(Seulement cames 045-050)			
N	Ins. piatto dist. post. Oraria (P2)	Conj. plato dist. trasero giro D (P2)				
N	(Solo anello camma 045-050)	(Solo los aros 045-050)				
	Seal class	Dichtungsatz	Classe de joint	S**,***,** =		
	Tipo di guarnizioni	Clase de juntas				
				S1 BUNA N S**,***,**-0		
				S4 EPDM S**,***,**-4		
				S5 VITON® S**,***,**-5		





**Désignation - type**

**Typenschlüssel**

**Model Code**

**Model number** T7ED series - ISO 2 bolts 3019-2 125 A2 HW T7EDS series - SAE C - 2 bolts Mounting flange J744

**Typenbezeichnung** Baureihe T7ED - ISO 2-Loch 3019-2 125 A2 HW Baureihe T7EDS - SAE C 2-Loch Montageflansch, J744

**Numéro du modèle** Série T7ED - ISO 2 trous 3019-2 125 A2 HW Série T7EDS - SAE C 2 trous Bride de montage J744

One letter can be added to specify special parts in series

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

**Cam ring for P1**  
(Volumetric displacement) (ml/rev.)  
042 = 132,3  
045 = 142,4  
050 = 158,5  
052 = 164,8

**Hubing P1**  
(Geometrisches Fördervolumen) (cm<sup>3</sup>/U)  
054 = 171,0  
057 = 183,3  
062 = 196,7

**Came pour P1**  
(Cylindrée théorique) (cm<sup>3</sup>/tr)  
066 = 213,3  
072 = 227,1  
085 = 268,7

**Cam ring for P2**  
(Volumetric displacement) (ml/rev.)  
B14 = 43,2  
B17 = 54,0  
B20 = 64,8  
B22 = 70,3

**Hubing P2**  
(Geometrisches Fördervolumen) (cm<sup>3</sup>/U)  
B24 = 79,6  
B28 = 88,4  
B31 = 97,4  
B35 = 111,4

**Came pour P2**  
(Cylindrée théorique) (cm<sup>3</sup>/tr)  
B38 = 118,5  
B42 = 135,3  
045 = 145,7  
050 = 158,0

**Type of shaft T7EDS**  
1 = keyed (SAE CC)  
2 = keyed (non SAE)  
3 = spined 12/24 (SAE C)  
4 = spined 12/24 (SAE CC)

**Art der Welle T7EDS**  
1 = Paßfedernwelle (SAE CC)  
2 = Paßfedernwelle (nicht SAE)  
3 = Vielkeilwelle 12/24 (SAE C)  
4 = Vielkeilwelle 12/24 (SAE CC)

**Type d'arbre T7EDS**  
1 = à clavette (SAE CC)  
2 = à clavette (non SAE)  
3 = à cannelures 12/24 (SAE C)  
4 = à cannelures 12/24 (SAE CC)

**Type of shaft T7ED & T7EDS**  
5 = keyed (ISO R775 - G38M)

**Art der Welle T7ED & T7EDS**  
5 = Paßfedernwelle (ISO R775 - G38M)

**Type d'arbre T7ED & T7EDS**  
5 = à clavette (ISO R775 - G38M)

**Direction of rotation**  
R = Clockwise  
L = Counter-clockwise

**Drehrichtung**  
R = Rechtslauf  
L = Linkslauf

**Sens de rotation**  
R = à droite  
L = à gauche

**Porting combination**  
00 = standard

**Lage der Anschlüsse**  
00 = standard

**Combinaison des orifices**  
00 = standard

**Design letter**  
1 = S1 - BUNA N  
4 = S4 - EPDM  
5 = S5 - VITON

**Ausführungsbuchstabe**  
1 = S1 - BUNA N  
4 = S4 - EPDM  
5 = S5 - VITON

**Conception**  
1 = S1 - BUNA N  
4 = S4 - EPDM  
5 = S5 - VITON

**Mounting w/connection variables**  
4 bolts SAE flanges (J518)

P1 = 1"1/2 - P2 = 1"1/4 - S = 4"	
UNC	Metric
T7ED	M0
T7EDS	M0

**Gehäuse-Anschlußgröße**  
SAE-Vierlochflansch (J518)

P1 = 1"1/2 - P2 = 1"1/4 - S = 4"	
UNC	Metric
T7ED	M0
T7EDS	M0

**Option sur orifices**  
Bride SAE 4 trous (J518)

P1 = 1"1/2 - P2 = 1"1/4 - S = 4"	
UNC	Metric
T7ED	M0
T7EDS	M0

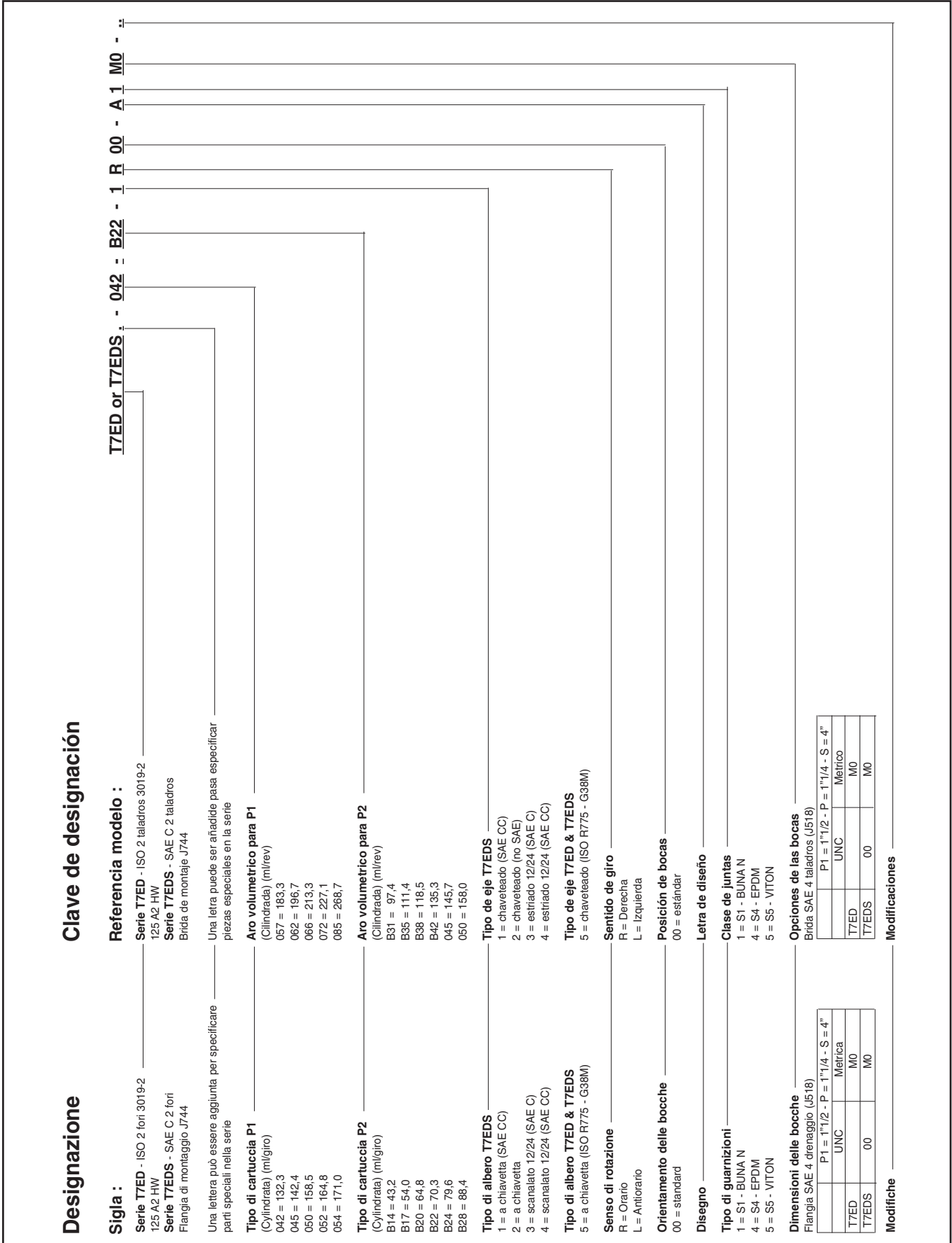
**Modifications**

**Modifikationen**

**Modifications**



Key Sheet



**Designazione**

**Sigla :**

Serie T7ED - ISO 2 fori 3019-2  
125 A2 HW  
Serie T7EDS - SAE C 2 fori  
Flangia di montaggio J744

Una lettera può essere aggiunta per specificare parti speciali nella serie

**Tipo di cartuccia P1**

(Cilindrata) (ml/giro)  
042 = 132,3  
045 = 142,4  
050 = 158,5  
052 = 164,8  
054 = 171,0

**Tipo di cartuccia P2**

(Cilindrata) (ml/giro)  
B14 = 43,2  
B17 = 54,0  
B20 = 64,8  
B22 = 70,3  
B24 = 79,6  
B28 = 88,4

**Tipo di albero T7EDS**

1 = a chiave (SAE CC)  
2 = a chiave  
3 = scanalato 12/24 (SAE C)  
4 = scanalato 12/24 (SAE CC)

**Tipo di albero T7ED & T7EDS**

5 = a chiave (ISO R775 - G38M)

**Senso di rotazione**

R = Orario  
L = Antiorario

**Orientamento delle bocche**

00 = standard

**Disegno**

**Tipo di giunzioni**

1 = S1 - Buna N  
4 = S4 - EPDM  
5 = S5 - Viton

**Dimensioni delle bocche**

Flangia SAE 4 drenaggio (J518)

P1 = 1"1/2 - P = 1"1/4 - S = 4"	UNC	Metrica
T7ED	00	M0
T7EDS	00	M0

**Modifiche**

**Clave de designación**

**Referencia modelo :**

Serie T7ED - ISO 2 taladros 3019-2  
125 A2 HW  
Serie T7EDS - SAE C 2 taladros  
Brida de montaje J744

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

**Aro volumetrico para P1**

(Cilindrada) (ml/rev)  
057 = 183,3  
062 = 196,7  
066 = 213,3  
072 = 227,1  
085 = 268,7

**Aro volumetrico para P2**

(Cilindrada) (ml/rev)  
B31 = 97,4  
B35 = 111,4  
B38 = 118,5  
B42 = 135,3  
045 = 145,7  
050 = 158,0

**Tipo de eje T7EDS**

1 = chaveteado (SAE CC)  
2 = chaveteado (no SAE)  
3 = estrizado 12/24 (SAE C)  
4 = estrizado 12/24 (SAE CC)

**Tipo de eje T7ED & T7EDS**

5 = chaveteado (ISO R775 - G38M)

**Sentido de giro**

R = Derecha  
L = Izquierda

**Posición de bocas**

00 = estándar

**Letra de diseño**

**Clase de juntas**

1 = S1 - Buna N  
4 = S4 - EPDM  
5 = S5 - Viton

**Opciones de las bocas**

Brida SAE 4 taladros (J518)

P1 = 1"1/2 - P = 1"1/4 - S = 4"	UNC	Metrica
T7ED	00	M0
T7EDS	00	M0

**Modificaciones**



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

**FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
- 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.

**Offer of Sale**

Please contact your Parker representation for a detailed "Offer of Sale".

# Parker Worldwide

## Europe, Middle East, Africa

**AE – United Arab Emirates,**  
Dubai

Tel: +971 4 8127100  
parker.me@parker.com

**AT – Austria,** Wiener Neustadt

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

**AT – Eastern Europe,** Wiener  
Neustadt

Tel: +43 (0)2622 23501 900  
parker.easteurope@parker.com

**AZ – Azerbaijan,** Baku

Tel: +994 50 2233 458  
parker.azerbaijan@parker.com

**BE/LU – Belgium,** Nivelles

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

**BY – Belarus,** Minsk

Tel: +375 17 209 9399  
parker.belarus@parker.com

**CH – Switzerland,** Etoy

Tel: +41 (0)21 821 87 00  
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,** Budapest

Tel: +36 1 220 4155  
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 7272 505 800  
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,** Leca da Palmeira

Tel: +351 22 999 7360  
parker.portugal@parker.com

**RO – Romania,** Bucharest

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

**RU – Russia,** Moscow

Tel: +7 495 645-2156  
parker.russia@parker.com

**SE – Sweden,** Spånga

Tel: +46 (0)8 59 79 50 00  
parker.sweden@parker.com

**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: +380 44 494 2731  
parker.ukraine@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

(mobile)  
Tel: +1 847 258 6200

## Asia Pacific

**AU – Australia,** Castle Hill

Tel: +61 (0)2-9634 7777

**CN – China,** Shanghai

Tel: +86 21 2899 5000

**HK – Hong Kong**

Tel: +852 2428 8008

**IN – India,** Mumbai

Tel: +91 22 6513 7081-85

**JP – Japan,** Fujisawa

Tel: +81 (0)4 6635 3050

**KR – South Korea,** Seoul

Tel: +82 2 559 0400

**MY – Malaysia,** Shah Alam

Tel: +60 3 7849 0800

**NZ – New Zealand,** Mt Wellington

Tel: +64 9 574 1744

**SG – Singapore**

Tel: +65 6887 6300

**TH – Thailand,** Bangkok

Tel: +662 717 8140

**TW – Taiwan,** Taipei

Tel: +886 2 2298 8987

## South America

**AR – Argentina,** Buenos Aires

Tel: +54 3327 44 4129

**BR – Brazil,** Cachoeirinha RS

Tel: +55 51 3470 9144

**CL – Chile,** Santiago

Tel: +56 2 623 1216

**MX – Mexico,** Apodaca

Tel: +52 81 8156 6000

Ed. 2011-07-07

### EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL,  
IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

### US Product Information Centre

Toll-free number: 1-800-27 27 537

www.parker.com

