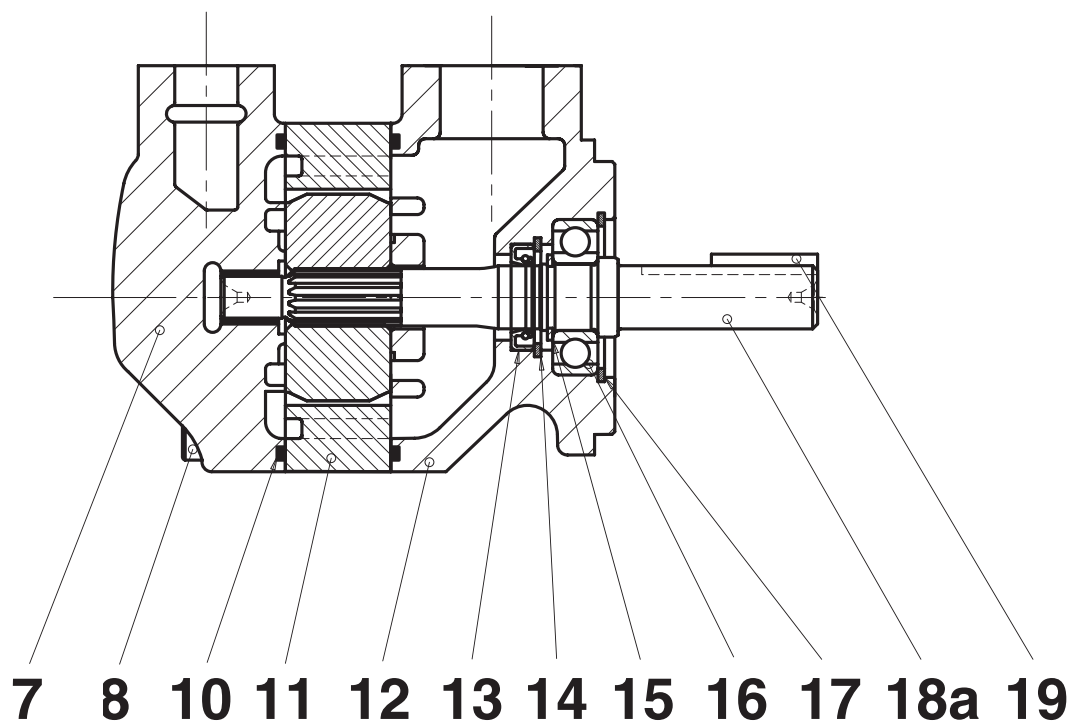




Hydraulic Pumps - Service Information TB

Denison Vane - Flügelzellen - Palettes - Palette - Paletas

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

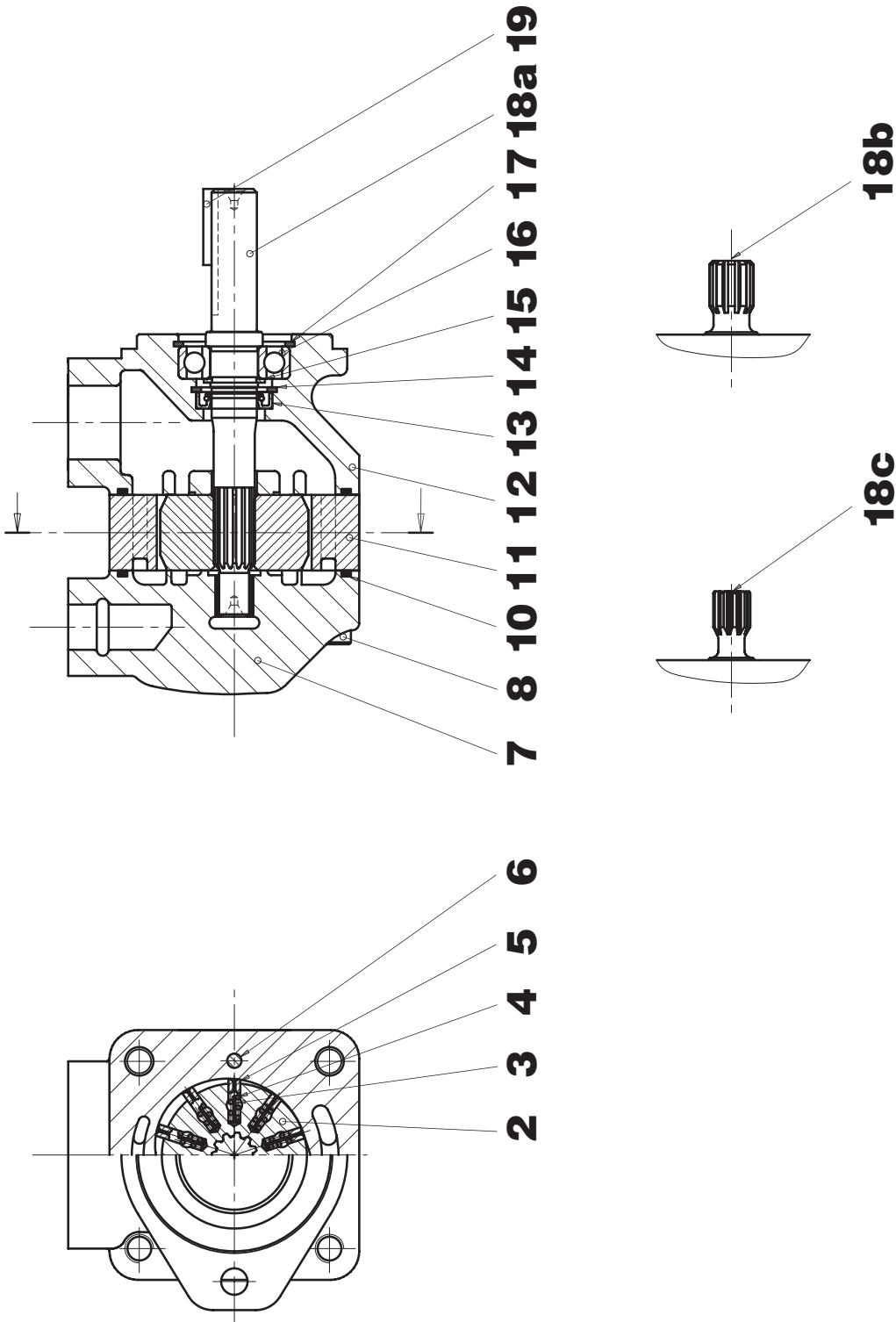


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TB

	Item - Pos. - Réf. - Pos.
	8
Mounting torque	110 Nm 81 ft.lbs
Anziehdrehmoment	
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

Hydraulic Pumps

Series TB, Denison Vane Pumps

Item Pos. Ref. Pos.	Description Descrizione	Benennung Descrizione	Description	Part N° Teil N° Code N° Cod. N° Referencia	Qty Stück Qté Cant.
2	Rotor insert ass'y Insieme rotore	Rotor Conjunto rotor	Rotor ass.	A 034-44872-0	1
3	Spring guide Guida molla	Federführung	Guide de ressort	A 034-44875-0	30
4	Spring vane Molla	Feder für Flügel Muelle paleta	Ressort de palette	A 034-44874-0	30
5	Vane Paletta	Flügel Paleta	Palette	A 034-44873-0	10
6	Dowel pin Spina	Zentrierstift Pasador	Goupille	A 324-21228-0	2
7	End cap ass'y (Flange 3/4" SAE) Ins. coperchio (Flangia 3/4" SAE)	Gehäuse baugruppe (Flansch 3/4" SAE) Conjunto bocas (SAE 3/4")	Chapeau arrière (bride 3/4" SAE)	S24-31214-0	1
	End cap ass'y (Port SAE 12) Ins. coperchio (connessioni SAE 12)	Gehäuse baugruppe (Anschlüsse SAE 12) Conjunto bocas (bocas SAE 12)	Chapeau arrière (orifice SAE 12)	S24-31215-0	1
8	Screw Vite	Schraube Tornillo	Vis	361-12304-3	4
10	Sq. section seal Guarnizione	Dichtring Junta seccion cuadrada	Joint section carrée	E 691-10153-0	2
	Cam ring 003 Anello camma 003	Hubring 003 Aro volumetrico 003	Came 003	A 034-66825-0	1
	Cam ring 004 Anello camma 004	Hubring 004 Aro volumetrico 004	Came 004	A 034-66632-0	1
	Cam ring 005 Anello camma 005	Hubring 005 Aro volumetrico 005	Came 005	A 034-66820-0	1
	Cam ring 006 Anello camma 006	Hubring 006 Aro volumetrico 006	Came 006	A 034-66633-0	1
	Cam ring 008 Anello camma 008	Hubring 008 Aro volumetrico 008	Came 008	A 034-66642-0	1
	Cam ring 009 Anello camma 009	Hubring 009 Aro volumetrico 009	Came 009	A 034-66634-0	1
	Cam ring 011 Anello camma 011	Hubring 011 Aro volumetrico 011	Came 011	A 034-66643-0	1
	Cam ring 012 Anello camma 012	Hubring 012 Aro volumetrico 012	Came 012	A 034-66635-0	1
	Mounting cap (Flange 1 1/4 SAE) Coperchio (flangia 1 1/4 SAE))	Deckel (Flansch 1 1/4 SAE) Tapa de montaje (SAE 1 1/4)	Chapeau de montage (bride 1 1/4 SAE)	034-66628-0	1
12	Mounting cap (Port SAE 20) Coperchio (connessioni SAE 20)	Deckel (Anschlüsse SAE 20) Tapa de montaje (bocas SAE 20)	Chapeau de montage (orifice SAE 20)	034-66629-0	1
	Mounting cap (Port 1 1/4 NPTF) Coperchio (connessioni 1 1/4 NPTF)	Deckel (Anschlüsse 1 1/4 NPTF) Tapa de montaje (bocas 1 1/4 NPTF)	Chapeau de montage (orifice 1 1/4 NPTF)	034-66637-0	1
	Shaft seal (S1 - 0,7 bar) Paraolio (S1 - 0,7 bar)	Simmering (S1 - 0,7 bar) Retén eje (S1 - 0,7 bar)	Joint d'arbre (S1 - 0,7 bar)	E 620-00017-3	1
13	Shaft seal (S5 - 0,7 bar) Paraolio (S5 - 0,7 bar)	Simmering (S5 - 0,7 bar) Retén eje (S5 - 0,7 bar)	Joint d'arbre (S5 - 0,7 bar)	E 620-00021-3	1



Spare part list

Series TB, Denison Vane Pumps

Item Pos.	Description Descrizione	Benennung Description	Description	Part N° Tubo N° Code N° Referencia	Qty Stock Q.tà Cant.
14	Retaining ring Anello elastico	Sicherungsring Aro retencion	Circlips	356-30125-0	1
15	Retaining ring Anello elastico	Sicherungsring Aro retencion	Circlips	BCD 356-31078-0	1
16	Ball bearing Cuscinetto a sfere	Kugellager Cojinete de bolas	Roulement à billes	BCD 230-82149-0	1
17	Retaining ring Anello elastico	Sicherungsring Aro retencion	Circlips	356-30185-0	1
18a	Shaft keyed (code 1) Albero a chiavetta (codice 1)	Paßfedernwelle (Typ 1) Eje chaveteado (codigo 1)	Arbre à clavette (code 1)	B 034-86636-0	1
18b	Shaft splined (code 3) (special) Albero a scanalato (codice 3) (special)	Vielkeilwelle (Typ 3) (special) Eje estriado (codigo 3) (special)	Arbre à cannelures (code 3) (special)	C 034-86640-0	1
18c	Shaft splined (code 4) Albero a scanalato (codice 4)	Vielkeilwelle (Typ 4) Eje estriado (codigo 4)	Arbre à cannelures (code 4)	D 034-86693-0	1
19	Key (code 1) Chiavetta (codice 1)	Paßfeder (Typ 1) Chaveta (codigo 1)	Clavette (code 1)	B 034-49622-0	1
	REPAIR KIT KIT DI RICAMBIO	AUSTAUSCH-BAUGRUPPEN CONJUNTO REPARACION	POCHETTES RECHANGES		
A	Kit 003 Cartuccia 003	Pumpeneinsatz 003 Juego 003	Cartouche 003	S24-45608-0	1
A	Kit 004 Cartuccia 004	Pumpeneinsatz 004 Juego 004	Cartouche 004	S24-31219-0	1
A	Kit 005 Cartuccia 005	Pumpeneinsatz 005 Juego 005	Cartouche 005	S24-45096-0	1
A	Kit 006 Cartuccia 006	Pumpeneinsatz 006 Juego 006	Cartouche 006	S24-31220-0	1
A	Kit 008 Cartuccia 008	Pumpeneinsatz 008 Juego 008	Cartouche 008	S24-31385-0	1
A	Kit 009 Cartuccia 009	Pumpeneinsatz 009 Juego 009	Cartouche 009	S24-31221-0	1
A	Kit 011 Cartuccia 011	Pumpeneinsatz 011 Juego 011	Cartouche 011	S24-31386-0	1
A	Kit 012 Cartuccia 012	Pumpeneinsatz 012 Juego 012	Cartouche 012	S24-31222-0	1
B	Shaft and key ass'y (code 1) Ins. albero (codice 1)	Baugruppe (Welle mit Paßfeder) (Typ 1) Conjunto eje chaveta (codigo 1)	Arbre et clavette ass. (code 1)	S24-31223-0	1
C	Shaft and bearing ass'y (code 3) Ins. albero (codice 3)	Baugruppe (Welle u. Lager) (Typ 3) Conjunto eje cojinete (codigo 3)	Arbre et roulement ass. (code 3)	S24-31382-0	1
D	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)	S24-33566-0	1
E	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 joints (S1 - 0,7 bar)	S24-31234-0	1
E	Seal kit (S5 - 0,7 bar) Serie guarnizioni (S5 - 0,7 bar)	Dichtringsatz (S5 - 0,7 bar) Juego de juntas (S5 - 0,7 bar)	Pochette de joints (S5 - 0,7 bar)	S24-31234-5	1

Model Code	Typenschlüssel	Designation - type
Model number : Série _____ Cam ring (Volumetric displacement) (ml/rev.) 003 = 8,8 004 = 12,8 005 = 16,0 006 = 20,7 008 = 26,1 009 = 31,5 011 = 35,6 012 = 39,7	Typenbezeichnung : Baureihe _____ Hubring (Geometrisches Fördervolumen) (cm ³ /U) 003 = 8,8 004 = 12,8 005 = 16,0 006 = 20,7 008 = 26,1 009 = 31,5 011 = 35,6 012 = 39,7	Número du modèle : Série _____ Came (Cylindrée théorique) (cm ³ /tr) 003 = 8,8 004 = 12,8 005 = 16,0 006 = 20,7 008 = 26,1 009 = 31,5 011 = 35,6 012 = 39,7
Type of shaft 1 = keyed (non SAE) 3 = splined (special) 4 = splined (SAE A)	Art der Welle 1 = Paßfederscheibe (nicht SAE) 3 = Vielkeilwelle (special) 4 = Vielkeilwelle (SAE A)	Type d'arbre 1 = à clavette (non SAE) 3 = à cannelures (special) 4 = à cannelures (SAE A)
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 Seal class 1 = S1 - BUNA N 5 = S5 - VITON	Ausführungsbuchstabe Dichtungsklasse 1 = S1 - BUNA N 5 = S5 - VITON	Conception Classe de joint 1 = S1 - BUNA N 5 = S5 - VITON
Port connections 00 = S = 1"5/8 (SAE 20) P = 1"1/16 (SAE 12) 01 = S = 1"1/4 (SAE J518c (61)) P = 3/4" } ISO 6162 (1) 03 = S = 1"1/4 (NPTF) P = 1"1/16 (SAE 12) Metric thread M1 = S = 1"1/4 SAE J518c (61) P = 3/4" ISO 6162 (1)	Anschlüsse 00 = S = 1"5/8 (SAE 20) P = 1"1/16 (SAE 12) 01 = S = 1"1/4 (SAE J518c (61)) P = 3/4" } ISO 6162 (1) 03 = S = 1"1/4 (NPTF) P = 1"1/16 (SAE 12) Metric thread M1 = S = 1"1/4 SAE J518c (61) P = 3/4" ISO 6162 (1)	Orifices 00 = S = 1"5/8 (SAE 20) P = 1"1/16 (SAE 12) 01 = S = 1"1/4 (SAE J518c (61)) P = 3/4" } ISO 6162 (1) 03 = S = 1"1/4 (NPTF) P = 1"1/16 (SAE 12) Taraudage métrique M1 = S = 1"1/4 SAE J518c (61) P = 3/4" ISO 6162 (1)
OX = S = 1"1/4" (NPTF) P = 3/4" (NPTF) OW = S = 1"1/4 (SAE J518c) P = 1"1/16 (SAE 12)	OX = S = 1"1/4" (NPTF) P = 3/4" (NPTF) OW = S = 1"1/4 (SAE J518c) P = 1"1/16 (SAE 12)	OX = S = 1"1/4" (NPTF) P = 3/4" (NPTF) OW = S = 1"1/4 (SAE J518c) P = 1"1/16 (SAE 12)
Modifications	Modifikationen	Modifications

Designazione		Clave de designación	
Sigla :		Referencia modelo :	
Serie	Serie	TB	006
Tipo di cartuccia (Cilindrata) (ml/giro)	Aro volumetrico (Cilindrata) (ml/rev)		
003 = 8,8	003 = 8,8		
004 = 12,8	004 = 12,8		
005 = 16,0	005 = 16,0		
006 = 20,7	006 = 20,7		
008 = 26,1	008 = 26,1		
009 = 31,5	009 = 31,5		
011 = 35,6	011 = 35,6		
012 = 39,7	012 = 39,7		
Tipo di albero	Tipo de eje		
1 = a chiavetta (no SAE)	1 = claveteado (no SAE)		
3 = scanalato (special)	3 = estriado (special)		
4 = scanalato (SAE A)	4 = estriado (SAE A)		
Senso di rotazione	Sentido de giro		
R = Orolio	R = Derecha		
L = Antiorario	L = Izquierda		
Orientamento delle bocche	Posición de bocas		
00 = standard	00 = estándar		
Disegno	Letra de diseño		
Tipo di guarnizioni	Clase de juntas		
1 = S1 - BUNA N	1 = S1 - BUNA N		
5 = S5 - VITON	5 = S5 - VITON		
Dimensioni delle bocche	Opciones de las bocas		
00 = S = 1"5/8 (SAE 20)	00 = S = 1"5/8 (SAE 20)		
P = 1"1/16 (SAE 12)	P = 1"1/16 (SAE 12)		
01 = S = 1"1/4 } SAE J518c (61)	01 = S = 1"1/4 } SAE J518c (61)		
P = 3/4" } ISO 6162 (1)	P = 3/4" } ISO 6162 (1)		
03 = S = 1"1/4 (NPTF)	03 = S = 1"1/4 (NPTF)		
P = 1"1/16 (SAE 12)	P = 1"1/16 (SAE 12)		
Metric thread	Metric thread		
M1 = S = 1"1/4 SAE J518c (61)	M1 = S = 1"1/4 SAE J518c (61)		
P = 3/4" ISO 6162 (1)	P = 3/4" ISO 6162 (1)		
OX = S = 1"1/4" (NPTF)	OX = S = 1"1/4" (NPTF)		
P = 3/4" (NPTF)	P = 3/4" (NPTF)		
OW = S = 1"1/4 (SAE J518 c)	OW = S = 1"1/4 (SAE J518 c)		
P = 1"1/16 (SAE 12)	P = 1"1/16 (SAE 12)		
Modifiche	Modificaciones		



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