

DENISON HYDRAULICS

T7B - T7BS

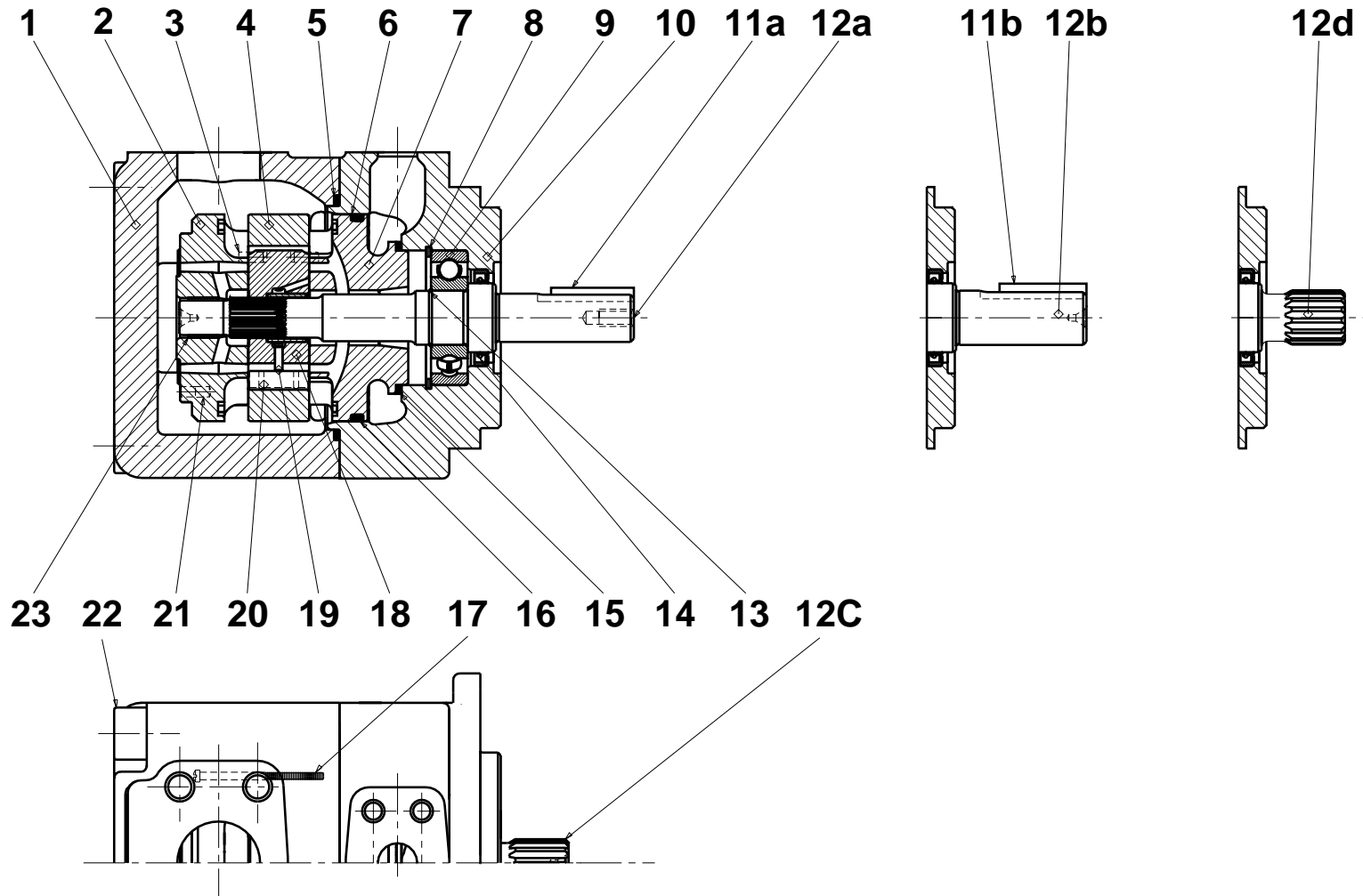
vane-type single pump / Flügelzellen-Einzelpumpe
pompe simple à palettes / pompa semplice a palette
tipo bomba de paletas simple
service information



Recommended repair kits and assy's are bolt 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

| Item - Pos. - Réf. - Pos. |
|---------------------------|
| 22 |
| Mounting torque |
| Anziehdrehmoment |
| Couple de serrage |
| Coppia di serraggio |
| Par de apriete |
| 187 Nm |

T7B - T7BS



| Item Pos. Réf. Pos. Pos. | Description Descrizione | Benennung Descripcion | Description | | Part N° Teil Nr. Code N° Cod. N° Referencia T7B | Part N° Teil Nr. Code N° Cod. N° Referencia T7BS | Qty Stück Qté Q.tà Cant. | |
|--------------------------|--|--|---|----------------------|--|---|--------------------------------------|---|
| 1 | Housing (standard) (metric) Corpo (standard) (metrico) | Gehäuse (Standard) (Metrisch) Cuerpo (estándar) (metrica) | Carter (standard) (métrique) | | 034.66869 | | 1 | |
| | Housing (standard) (UNC) Corpo (standard) (UNC) | Gehäuse (Standard) (UNC) Cuerpo (estándar) (UNC) | Carter (standard) (UNC) | | | 034.66871 | 1 | |
| 2 | Port plate-rear Piatto distributore post. | Steuerplatte Plato distribuidor trasero | Plaque arrière | AG | 034.66921 | | 1 | |
| 3 | Dowel pin Spina | Zentrierstift Pasador | Goupille | A | 034.21208 | | 2 | |
| 4 | Cam ring 002 Anello camma 002 | Hubring 002 Aro volumetrico 002 | Came 002 | A | 034.66909 | | 1 | |
| | Cam ring 003 Anello camma 003 | Hubring 003 Aro volumetrico 003 | Came 003 | A | 034.66910 | | 1 | |
| | Cam ring 004 Anello camma 004 | Hubring 004 Aro volumetrico 004 | Came 004 | A | 034.66911 | | 1 | |
| | Cam ring 005 Anello camma 005 | Hubring 005 Aro volumetrico 005 | Came 005 | A | 034.66912 | | 1 | |
| | Cam ring 006 Anello camma 006 | Hubring 006 Aro volumetrico 006 | Came 006 | A | 034.66913 | | 1 | |
| | Cam ring 007 Anello camma 007 | Hubring 007 Aro volumetrico 007 | Came 007 | A | 034.67063 | | 1 | |
| | Cam ring 008 Anello camma 008 | Hubring 008 Aro volumetrico 008 | Came 008 | A | 034.66914 | | 1 | |
| | Cam ring 010 Anello camma 010 | Hubring 010 Aro volumetrico 010 | Came 010 | A | 034.66915 | | 1 | |
| | Cam ring 012 Anello camma 012 | Hubring 012 Aro volumetrico 012 | Came 012 | A | 034.67032 | | 1 | |
| | Cam ring 015 Anello camma 015 | Hubring 015 Aro volumetrico 015 | Came 015 | A | 034.67034 | | 1 | |
| | 5 | O.ring Guarnizione | Dichtring Junta torica | Joint torique | AB | 671.00244 | | 1 |
| | 6 | Back-up ring Anello anti-estrusione | Stützring Anillo | Bague anti-extrusion | AB | 618.15016 | | 1 |
| 7 | Port plate-pressure Piatto distributore anter. | Steuerplatte Plato distribuidor-presión | Plaque pression | A | 034.66923 | | 1 | |
| 8 | Retaining ring Anello elastico | Sicherungsring Anillo de retención | Circlips | | 356.30244 | | 1 | |
| 9 | Ball bearing Cuscinetto a sfere | Kugellager Cojinete de bolas | Roulement à billes | CD EF | 230.82054 | | 1 | |
| 10 | Mounting cap 1" (metric - M0) Coperchio 1" (metrica - M0) | Deckel 1" (Metrisch - M0) Tapa de montage 1" (metrico - M0) | Chapeau de montage 1" (métrique - M0) | | 034.66928 | 034.66883 | 1 | |
| | Mounting cap 3/4" (metric - M1) Coperchio anteriore 3/4" (metrica - M1) | Deckel 3/4" (Metrisch - M1) Tapa de montage 3/4" (metrico - M1) | Chapeau de montage 3/4" (métrique - M1) | | 034.66927 | 034.66926 | 1 | |
| | Mounting cap 1" (UNC - 00) Coperchio 1" (UNC - 00) | Deckel 1" (UNC - 00) Tapa de montage 1" (UNC - 00) | Chapeau de montage 1" (UNC - 00) | | | 034.66884 | 1 | |
| | Mounting cap 3/4" (UNC - 01) Coperchio 3/4" (UNC - 01) | Deckel 3/4" (UNC - 01) Tapa de montage 3/4" (UNC - 01) | Chapeau de montage 3/4" (UNC - 01) | | | 034.66925 | 1 | |
| | 11a | Key (code 1) Chiavetta (codice 1) | Paßfeder (Typ 1) Chaveta (codigo 1) | Clavette (code 1) | C | 034.48690 | | 1 |
| 11b | Key (code 2) Chiavetta (codice 2) | Paßfeder (Typ 2) Chaveta (codigo 2) | Clavette (code 2) | D | 211.00005.3 | | 1 | |

| Item Pos. Réf. Pos. Pos. | Description Descrizione | Benennung Descripcion | Description | | Part N° Teil Nr. Code N° Cod. N° Referencia T7B | Part N° Teil Nr. Code N° Cod. N° Referencia T7BS | Qty Stück Qté Q.tà Cant. |
|--------------------------|---|---|---|----------|--|---|--------------------------------------|
| 12a | Shaft (keyed) (code1) Albero a chiavetta (codice 1) | Welle für Paßfeder (Typ 1) Eje chaveteado (codigo 1) | Arbre à clavette (code 1) | C | | 034.66929 | 1 |
| 12b | Shaft (keyed) (code 2) Albero a chiavetta (codice 2) | Welle für Paßfeder (Typ 2) Eje chaveteado (codigo 2) | Arbre à clavette (code 2) | D | 034.66930 | | 1 |
| 12c | Shaft (splined) (code 3) Albero a scanalato (codice 3) | Vielkeilwelle (Typ 3) Eje estriado (codigo 3) | Arbre à cannelures (code 3) | E | | 034.66931 | 1 |
| 12d | Shaft (splined) (code 4) Albero scanalato (codice 4) | Vielkeilwelle (Typ 4) Eje estriado (codigo 4) | Arbre à cannelures (code 4) | F | | 034.67048 | 1 |
| 13 | Round section ring Anello elastico | Sicherungsring Anillo tórico | Anneau | CD EF | 034.70777 | | 1 |
| 14 | Shaft seal (S1 - 0,7 bar) Paraolio (S1 - 0,7 bar) | Simmerring (S1 - 0,7 bar) Reten eje (S1 - 0,7 bar) | Joint d'arbre (S1 - 0,7 bar) | B | 620.82046 | | 1 |
| | Shaft seal (S4 - 0,7 bar) Paraolio (S4 - 0,7 bar) | Simmerring (S4 - 0,7 bar) Reten eje (S4 - 0,7 bar) | Joint d'arbre (S4 - 0,7 bar) | B | 620.82046.4 | | 1 |
| | Shaft seal (S5 - 0,7 bar) Paraolio (S5 - 0,7 bar) | Simmerring (S5 - 0,7 bar) Reten eje (S5 - 0,7 bar) | Joint d'arbre (S5 - 0,7 bar) | B | 620.82046.5 | | 1 |
| 15 | Sq. section seal Guarnizione | Dichtring Junta seccion cuadrada | Joint section carrée | AB | 691.10229 | | 1 |
| 16 | Sq. section seal Guarnizione | Dichtring Junta seccion cuadrada | Joint section carrée | AB | 691.10238 | | 1 |
| 17 | Screw Vite | Schraube Tornille | Vis | A | 317.06266 | | 2 |
| 18 | Rotor-insert ass'y Insieme rotore | Rotor Conjunto rotor | Rotor et douille ass. | A | S24.49820 | | 1 |
| 19 | Pin-vane holdout Pistoncino di sostentamento | Stössel Espiga empuje paleta | Poussoir de palette | A | 034.66991 | | 12 |
| 20 | Vane Paletta | Flügel Paletta | Palette | A | 034.66917 | | 12 |
| 21 | Dowel pin Spina | Zentrierstift Pasador | Goupille | AG | 323.82010 | | 1 |
| 22 | Screw Vite | Schraube Tornille | Vis | | 361.14404.3 | | 4 |
| 23 | Bush Bussola | Buchse Cojinete de fricción | Bague | AG | 034.71867 | | 1 |
| | | | | | | | |
| | REPAIR KIT KIT DI RICAMBIO | AUSTAUSCH-BAUGRUPPEN CUNJUNTO REPARACION | POCHETTES RECHANGES | | | | |
| A | Cart. and plate ass'y B02 C.W. Ins. cart. B02 oraria | Pumpeneinheit B02 Rechtslauf Conjunto cart. y platos B02 giro d. | Cart. et plaque ass. B02 rot. d. | | S24.50144 | | 1 |
| A | Cart. and plate ass'y B02 C.C.W. Ins. cart. B02 antioraria | Pumpeneinheit B02 Linkslauf Conjunto cart. y platos B02 giro i. | Cart. et plaque ass. B02 rot. g. | | S24.50145 | | 1 |
| A | Cart. and plate ass'y B03 C.W. Ins. cart. B03 oraria | Pumpeneinheit B03 Rechtslauf Conjunto cart. y platos B03 giro d. | Cart. et plaque ass. B03 rot. d. | | S24.50146 | | 1 |
| A | Cart. and plate ass'y B03 C.C.W. Ins. cart. B03 antioraria | Pumpeneinheit B03 Linkslauf Conjunto cart. y platos B03 giro i. | Cart. et plaque ass. B03 rot. g. | | S24.50147 | | 1 |
| A | Cart. and plate ass'y B04 C.W. Ins. cart. B04 oraria | Pumpeneinheit B04 Rechtslauf Conjunto cart. y platos B04 giro d. | Cart. et plaque ass. B04 rot. d. | | S24.50148 | | 1 |
| A | Cart. and plate ass'y B04 C.C.W. Ins. cart. B04 antioraria | Pumpeneinheit B04 Linkslauf Conjunto cart. y platos B04 giro i. | Cart. et plaque ass. B04 rot. g. | | S24.50149 | | 1 |

| Item Pos. Réf. Pos. Pos. | Description Descrizione | Benennung Descripcion | Description | Part N° Teil Nr. Code N° Cod. N° Referencia T7B | Part N° Teil Nr. Code N° Cod. N° Referencia T7BS | Qty Stück Qté Q.tà Cant. |
|--------------------------|--|--|----------------------------------|--|---|--------------------------------------|
| A | Cart. and plate ass'y B05 C.W. Ins. cart. B05 oraria | Pumpeneinheit B05 Rechtslauf Conjunto cart. y platos B05 giro d. | Cart. et plaque ass. B05 rot. d. | | S24.50150 | 1 |
| A | Cart. and plate ass'y B05 C.C.W. Ins. cart. B05 antioraria | Pumpeneinheit B05 Linkslauf Conjunto cart. y platos B05 giro i. | Cart. et plaque ass. B05 rot. g. | | S24.50151 | 1 |
| A | Cart. and plate ass'y B06 C.W. Ins. cart. B06 oraria | Pumpeneinheit B06 Rechtslauf Conjunto cart. y platos B06 giro d. | Cart. et plaque ass. B06 rot. d. | | S24.50152 | 1 |
| A | Cart. and plate ass'y B06 C.C.W. Ins. cart. B06 antioraria | Pumpeneinheit B06 Linkslauf Conjunto cart. y platos B06 giro i. | Cart. et plaque ass. B06 rot. g. | | S24.50153 | 1 |
| A | Cart. and plate ass'y B07 C.W. Ins. cart. B07 oraria | Pumpeneinheit B07 Rechtslauf Conjunto cart. y platos B07 giro d. | Cart. et plaque ass. B07 rot. d. | | S24.59970 | 1 |
| A | Cart. and plate ass'y B07 C.C.W. Ins. cart. B07 antioraria | Pumpeneinheit B07 Linkslauf Conjunto cart. y platos B07 giro i. | Cart. et plaque ass. B07 rot. g. | | S24.59971 | 1 |
| A | Cart. and plate ass'y B08 C.W. Ins. cart. B08 oraria | Pumpeneinheit B08 Rechtslauf Conjunto cart. y platos B08 giro d. | Cart. et plaque ass. B08 rot. d. | | S24.50154 | 1 |
| A | Cart. and plate ass'y B08 C.C.W. Ins. cart. B08 antioraria | Pumpeneinheit B08 Linkslauf Conjunto cart. y platos B08 giro i. | Cart. et plaque ass. B08 rot. g. | | S24.50155 | 1 |
| A | Cart. and plate ass'y B10 C.W. Ins. cart. B10 oraria | Pumpeneinheit B10 Rechtslauf Conjunto cart. y platos B10 giro d. | Cart. et plaque ass. B10 rot. d. | | S24.50156 | 1 |
| A | Cart. and plate ass'y B10 C.C.W. Ins. cart. B10 antioraria | Pumpeneinheit B10 Linkslauf Conjunto cart. y platos B10 giro i. | Cart. et plaque ass. B10 rot. g. | | S24.50157 | 1 |
| A | Cart. and plate ass'y B12 C.W. Ins. cart. B12 oraria | Pumpeneinheit B12 Rechtslauf Conjunto cart. y platos B12 giro d. | Cart. et plaque ass. B12 rot. d. | | S24.59005 | 1 |
| A | Cart. and plate ass'y B12 C.C.W. Ins. cart. B12 antioraria | Pumpeneinheit B12 Linkslauf Conjunto cart. y platos B12 giro i. | Cart. et plaque ass. B12 rot. g. | | S24.59006 | 1 |
| A | Cart. and plate ass'y B15 C.W. Ins. cart. B15 oraria | Pumpeneinheit B15 Rechtslauf Conjunto cart. y platos B15 giro d. | Cart. et plaque ass. B15 rot. d. | | S24.59007 | 1 |
| A | Cart. and plate ass'y B15 C.C.W. Ins. cart. B15 antioraria | Pumpeneinheit B15 Linkslauf Conjunto cart. y platos B15 giro i. | Cart. et plaque ass. B15 rot. g. | | S24.59008 | 1 |
| B | 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) | | S24.49112 | 1 |
| B | Seal kit (S4 - 0,7 bar) Serie guarnizioni (S4 - 0,7 bar) | Dichtringsatz (S4 - 0,7 bar) Juego de juntas (S4 - 0,7 bar) | Pochette de joint (S4 - 0,7 bar) | | S24.49112.4 | 1 |
| B | 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 joint (S5 - 0,7 bar) | | S24.49112.5 | 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) | | S24.50140 | 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) | | S24.50142 | 1 |
| E | 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) | | S24.50141 | 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) | | S24.59295 | 1 |
| G | Port plate rear and bush ass'y Ins. piatto distributore post. | Steuerplatte mit Buchse Conj. plato dist. trasero con coj. fricción | Plaque arrière et bague ass. | | S24.49791 | 1 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Model Code

Typenschlüssel

Désignation - type

Model number

T7B series - ISO 2 bolts 3019-2
100 A2 H W
T7BS series - SAE B - 2 bolts
Mounting flange J744c

One letter can be added to specify special parts in series

Cam ring

(Volumetric displacement) (ml/rev.)
B02 = 5,8
B03 = 9,8
B04 = 12,8
B05 = 15,9

Type of shaft T7B & T7BS

2 = keyed (ISO R775)

Type of shaft T7BS

1 = keyed (SAE B)
3 = splined 16/32 (SAE B)
4 = splined (SAE BB)

Direction of rotation

R = Clockwise
L = Counter-clockwise

Porting combination

00 = standard

Design letter

Seal class

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

Mounting w/connection variables

4 bolts SAE flanges (J518c)

| | S = 1"1/2" | | | |
|------|------------|----------|--------|----------|
| | UNC | | Metric | |
| | 00 | 01 | M0 | M1 |
| T7B | | | P = 1" | P = 3/4" |
| T7BS | P = 1" | P = 3/4" | P = 1" | P = 3/4" |

Typenbezeichnung :

Baureihe T7B - ISO 2-Loch 3019-2
100 A2 H W
Baureihe T7BS - SAE B 2-Loch
Montageflansch nach SAE B, J744c

Optionen

Hubring

(Geometrisches Fördervolumen) (cm³/U)
B06 = 19,8
B07 = 22,5
B08 = 24,9

Art der Welle T7B & T7BS

2 = Paßfederwelle (ISO R775)

Art der Welle T7BS

1 = Paßfederwelle (SAE B)
3 = Vielkeilwelle 16/32 (SAE B)
4 = Vielkeilwelle (SAE BB)

Drehrichtung

R = Rechtslauf
L = Linkslauf

Lage der Anschlüsse

0 = standard

Ausführungsbuchstabe

Dichtungsklasse

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

Gehäuse-Anschlußgröße

SAE-Vierlochflansch (J518c)

| | S = 1"1/2" | | | |
|------|------------|----------|------------|----------|
| | UNC | | Metrisches | |
| | 00 | 01 | M0 | M1 |
| T7B | | | P = 1" | P = 3/4" |
| T7BS | P = 1" | P = 3/4" | P = 1" | P = 3/4" |

Número du modèle :

T7B / T7BS . - B10 - 1 R 00 - A 1 M0 - ..

Série T7B - ISO 2 trous 3019-2
100 A2 H W
Série T7BS - SAE B 2 trous
Bride de montage J744c

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

Came

(Cylindrée théorique) (cm³/tr)
B10 = 31,8
B12 = 41,0
B15 = 50,0

Type d'arbre T7B & T7BS

2 = à clavette (ISO R775)

Type d'arbre T7BS

1 = à clavette (SAE B)
3 = à cannelures 16/32 (SAE B)
4 = à cannelures (SAE BB)

Sens de rotation

R = à droite
L = à gauche

Combinaison des orifices

00 = standard

Conception

Classe de joint

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

Option sur orifices

Bride SAE 4 trous (J518c)

| | S = 1"1/2" | | | |
|------|------------|----------|----------|----------|
| | UNC | | Métrique | |
| | 00 | 01 | M0 | M1 |
| T7B | | | P = 1" | P = 3/4" |
| T7BS | P = 1" | P = 3/4" | P = 1" | P = 3/4" |

Modifications

Modifikationen

Modifications

Designazione

Clave de designación

Sigla :

Serie T7B - ISO 2 fori 3019-2
100 A2 H W
Serie T7BS - SAE B 2 fori
Flangia di montaggio J744c

Una lettera può essere aggiunta per specificare parti speciali nella serie

Tipo di cartuccia

(Cilindrata) (ml/giro)
B02 = 5,8
B03 = 9,8
B04 = 12,8
B05 = 15,9
B06 = 19,8

Tipo di albero T7B & T7BS

2 = a chiavetta (ISO R775)

Tipo di albero T7BS

1 = a chiavetta (SAE B)
3 = scanalato 16/32 (SAE B)
4 = scanalato (SAE BB)

Senso di rotazione

R = Orario
L = Antiorario

Orientamento delle bocche

00 = standard

Disegno

Tipo di guarnizioni

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

Dimensioni delle bocche

Flangia SAE 4 drenaggio (J518c)

| S = 1"1/2" | | | | |
|------------|--------|----------|--------|----------|
| UNC | | Metrica | | |
| | 00 | 01 | M0 | M1 |
| T7B | | | P = 1" | P = 3/4" |
| T7BS | P = 1" | P = 3/4" | P = 1" | P = 3/4" |

Modifiche

Referencia modelo :

Serie T7B - ISO 2 taladros 3019-2
100 A2 H W
Serie T7BS - SAE B 2 taladros
Brida de montaje J744c

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

Aro volumetrico

(Cilindrada) (ml/rev)
B07 = 22,5
B08 = 24,9
B10 = 31,8
B12 = 41,0
B15 = 50,0

Tipo de eje T7B & T7BS

2 = chaveteado (ISO R775)

Tipo de eje T7BS

1 = chaveteado (SAE B)
3 = estriado 16/32 (SAE B)
4 = estriado (SAE BB)

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 (J518c)

| S = 1"1/2" | | | | |
|------------|--------|----------|--------|----------|
| UNC | | Metrica | | |
| | 00 | 01 | M0 | M1 |
| T7B | | | P = 1" | P = 3/4" |
| T7BS | P = 1" | P = 3/4" | P = 1" | P = 3/4" |

Modificaciones

T7B / T7BS . - **B10** - **1** **R** **00** - **A** **1** **M0** - ..

SALES & SERVICES WORLDWIDE

International Distributor

In Europe :

Cyprus
Czech Republic
Greece
Hungary
Iceland
Norway
Poland
Portugal
Rumania
Russia
Slovakia
Slovenia (Croatia - Bosnia - Macedonia)
Switzerland
The Faroe Islands
Turkey

In Africa :

Algeria
Egypt
Ivory Coast
Morocco
South Africa
Tunisia

In Middle East :

Iran
Israel
Jordan Kingdom
Lebanon
Pakistan
Qatar
Saudi Arabia
State of Bahrain
Syria
United Arab Emirates

In Far East :

Indonesia
Korea
Malaysia
New Zealand
Philippines
Thailand

Australia

DENISON HYDRAULICS
AUSTRALIA PTY Ltd.
41- 43 St. Hilliers Road
P.O. Box 192
Auburn N.S.W. 2144
Australia
Tel. (02) 9646 5200
Fax (02) 9643 1305

Other sales offices :

Victoria
Queensland
Western Australia

Austria

DENISON HYDRAULIK GmbH
Zweigniederlassung Linz
Haidbachstraße 69
A-4061 Pasching
Austria
Tel. (0 72 29) 6 48 87
Fax (0 72 29) 6 30 92

Benelux

DENISON HYDRAULICS BENELUX
B.V.
Pascalstraat 100
3316 GR Dordrecht
Holland
Tel. (078) 6179 900
Fax (078) 6175 755

Canada

DENISON HYDRAULICS
CANADA Inc.
2320-1 Bristol Circle, Unit 1
Oakville, ON L6H 5S2
Canada
Tel. (905) 829 5800
Fax (905) 829 5805

Other sales offices :

Montreal, QC
Calgary, AL

Denmark

DENISON HYDRAULIK
DANMARK A/S
Industrikrogen 2
DK-2635 Ishøj
Denmark
Tel. (4371) 15 00
Fax (4371) 15 16

Finland

DENISON LOKOMEK OY
P.O. Box 116
FIN-33721 Tampere
Finland
Tel. (358) 3 3575 100
Fax (358) 3 3575 111

Other sales offices :

Lohja

France

DENISON HYDRAULICS
FRANCE SA
14, Route du Bois Blanc
BP 539
18105 Vierzon
France
Tel. 02 48 53 01 20
Fax 02 48 75 02 91

Other sales offices :

Bordeaux
Lyon
Paris

Germany

DENISON HYDRAULIK GmbH
Herderstrasse 26
D-40721 Hilden
Germany
Tel. (0 21 03) 940 600
Fax (0 21 03) 940 888

Other sales offices :

Dresden
Hannover
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