

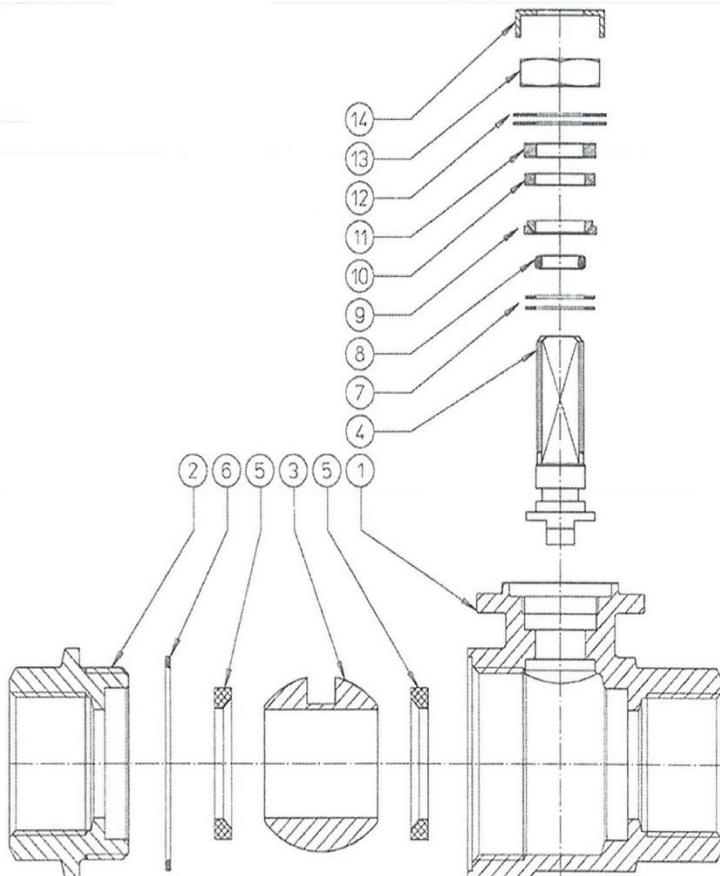
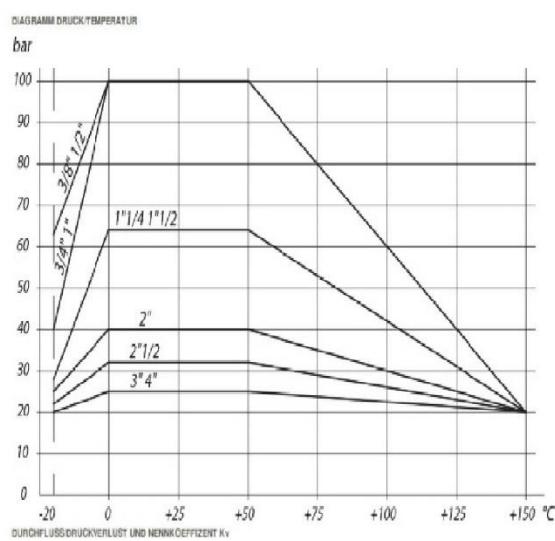
Nº	Particolare Part Teil Detalle de piezas	Material	Standard
1	Corpo Body Gehäuse Cuerpo	AISI 316	1.4408
2	Manicotto femmina End piece Mufle Manguito	AISI 316	1.4408
3	Sfera Ball Kugel Efera	AISI 316	UNI X5CrNiMo 17 12
4	Stelo Stem Spindel Eje	AISI 316	UNI X5CrNiMo 17 12
5	Guarnizione laterale Side seal Seitliche Dichtung Empaquetadura lateral	PTFE	
6	Anello di tenuta laterale O-ring Seitliche Abdichtungsring Anillo de cierre lateral	PTFE	
7	Anello di tenuta superiore Upper seal ring Oberer Abdichtungsring Anillo de cierre superior	PTFE	
8	O-ring stelo Stem O-ring Spindel-O-Ring Junta torica	FKM	
9	Coppia di tenuta superiore Upper seal pair Oberer Dichtung Arandela cierre superior	PTFE	
10	Rondella premiguarzione Seal washer Haltescheibe Arandela prensaestopas	AISI 304	UNI X5CrNi 18 10
11	Fermo di posizione Washer Distanzring Arandela	AISI 304	UNI X5CrNi 18 10
12	Molle a tazza Belleville spring Tellerfeder Resorte	AISI 301	UNI X12CrNi 17 07
13	Dado di bloccaggio Packing nut Klemmutter Tuerca de fijacion	AISI 304	UNI X5CrNi 18 10
14	Piastra di bloccaggio Nut stopping plate Mutterhaltekappe Placa de fijacion	AISI 304	UNI X5CrNi 18 10

Coppia di chiusura dado (13)
 Nut assembling torque (13)
 Mutter-Drehmoment (13)
 Torque de cierre tuerca (13)

DN	Nm
10	5
15	5
20	5
25	8
32	8
40	10
50	10

Ricambi Spare parts Ersatzteile Recambios	CODICE CODE CODE CÓDIGO
KIT GUARNIZIONI SFERA (5, 6) BALL SEAL SET (5, 6)	KRS + Codice valvola + Data** KRS + valve code + date**
KUGELDICHTUNGEN-KIT (5, 6)	KRS +Kugelhahn-Code + Datum**
KIT EMPAQUETADURA ESFERA (5, 6)	KRS + Código Válvula + Fecha**
KIT GUARNIZIONI STELO (6, 7, 8, 9) STEM SEAL SET (6, 7, 8, 9)	KRA + Codice valvola + Data** KRA + valve code + date**
SPINDELDICHTUNGEN-KIT (6, 7, 8, 9)	KRA +Kugelhahn-Code + Datum**
KIT EMPAQUETADURA EJE (6, 7, 8, 9)	KRA + Código Válvula + Fecha**

** data di fabbricazione della valvola valve production date
Herstellungsdatum des Kugelhahns Fecha de fabricación de la válvula



MANUTENZIONE E RICAMBI VALVOLA V400-401

Per informazioni dettagliate e per le copie di serraggio, consultare le istruzioni generali per l'installazione e la manutenzione della valvola (Ref. 8.0845).

La valvola viene fornita senza guarnizioni sulla flangitura. Viene richiesto all'installatore il compito di riporre guarnizioni idonee allo specifico impiego. Si raccomanda l'impiego di opportuni mezzi di presa di sollevamento del prodotto per evitare rischi per la sicurezza delle persone e danni al prodotto.

Se la valvola è attuata non utilizzare l'attuatore per la presa ed il sollevamento del prodotto.

Qualsiasi le valvole siano di fine linea occorre prevedere idonee protezioni al fine di evitare i rischi per la sicurezza derivanti dal contatto accidentale con gli elementi in movimento.

Le operazioni di manutenzione devono essere effettuate da personale qualificato.

Prima di effettuare manutenzione alla valvola:

- assicurarsi sempre che la condutture non sia in pressione.
- effettuare opportuni cicli di flussoaggio con fluidi inertii o specifici passivanti, se la valvola intreccia sostanza pericolosa, corrosive, esplosive ecc.

- azionare la valvola effettuando un ciclo di apertura/chiusura in modo da eliminare eventuali pressioni residue - interpolato all'interno del corpo.

INSTALLAZIONE

A Utilizzare materiale di tenuta, canapa, teflon ecc... per le tubazioni dove vengono montate le valvole.

B Agire con la chiave esagonale solo sulle terminazioni esagonali senza utilizzare il corpo valvola come leva.

1. SMONTAGGIO E PULITURA DELLA VALVOLA

1.1 La stessa non contiene fluido se la valvola è nella posizione chiusa.

1.2 Se la valvola è stata usata con fluidi pericolosi, è necessario procedere ad una decontaminazione prima di smontarla.

1.3 Indossare gli appositi indumenti protettivi.

1.4 Togliere la pressurizzazione alla linea (di comando e di intercettazione).

1.5 Posizionare la valvola in posizione semi-aperta per far defluire eventuali residui presenti all'interno della stessa.

1.6 Svitare la valvola dalle tubazioni.

2. SOSTITUZIONE DELLE GUARNIZIONI DELLO STELO

2.1 Smontare la valvola come descritto nel punto 1.

2.2 Con la valvola in posizione chiusa svitare il manico (2) dal corpo (1).

2.3 Estrarre l'anello laterale (part. 6) e la guarnizione laterale (part. 5).

2.4 Estrarre la stera (part. 3) dal corpo valvola.

2.5 Togliere la pastiglia ferma dado (part.14) e svitare il dado di bloccaggio (part.13).

2.6 Togliere lo stelo (part. 4) facendolo scorrere verso l'interno della valvola, togliendo lo stelo, i particolari 7 e 8, restano vincolati allo stesso mentre i particolari 9, 10, 11 e 12 rimangono nel corpo valvola e vanno rimossi.

2.7 Sostituire le guarnizioni (part. 7, 8 e 9) dello stelo.

L'operazione di riconposizionamento dello stelo deve essere eseguita secondo i passi seguenti:

2.8 Infilare sullo stelo gli anelli di tenuta superiore (part. 7) e l'o-ring (part. 8).

2.9 Lubrificare lo stelo con grasso compatibile con le guarnizioni (7, 8 e 9).

2.10 Inserire lo stelo nel corpo valvola e immetterlo nell'apposito foro. Lo stelo, per poter inserire la stera, deve essere orientato in posizione di valvola chiusa.

2.11 Posizionare, da sopra la valvola e nell'ordine, i particolari 9, 10, 11,

12. Particolari attenzione deve essere posta alla coppia di tenuta superiore (part. 9) che, se non inserita secondo l'orientamento corretto (vedi disegno), si usura rapidamente determinando la perdita della valvola.

2.12 Avvitare il dado di bloccaggio (part. 13) rispettando le coppie di serraggio indicate nella tabella e posizionare la piastra ferma dato (part. 14).

2.13 Inserire la stera (part. 3), la guarnizione laterale (part. 5), l'anello laterale (part. 6) e rimontare il manico (2) sul corpo (1).

3. SOSTITUZIONE DELLE GUARNIZIONI DELLA SFERA

3.1 Smontare la valvola come descritto nel punto 1.

3.2 Con la valvola in posizione chiusa svitare il manico (2) dal corpo (1).

3.3 Estrarre l'anello laterale (part. 6) e la guarnizione laterale (part. 5).

3.4 Estrarre la stera (part. 3) dal corpo valvola.

3.5 Estrarre l'altra guarnizione laterale (part. 5) rimasta nel corpo valvola.

3.6 Sostituire le guarnizioni (part. 5 e 6) lubrificandole con grasso compatibile.

3.7 Inserire la prima guarnizione laterale (part. 5), la stera (part. 3), la seconda guarnizione laterale (part. 5), l'anello laterale (part. 6) e rimontare il manico (2) sul corpo (1).

MAINTENANCE AND SPARE PARTS - VALVE V400-401

For detailed information and working torque, please refer to the general instruction manual for the installation and maintenance of valves (ref. 8.0845).

The valve is supplied without seals on the flanging. The installer is responsible for supplying the suitable seals for each job.

We recommend the use of suitable means of lifting power of the product to avoid risk to the safety of persons and damage to the product.

If the valve is realized not use the actuator to grip and lift the product. If the valves are end of line should be provided appropriate protection to avoid the security risks resulting from accidental contact with moving parts.

Maintenance tasks should be performed by qualified personnel.

Before carrying out maintenance to the valve:

- Always make sure that the pipeline is not pressurized.

- make appropriate cycles of flushing with inert fluid or specific passivating, if the valve detects dangerous substances, corrosive, explosive, etc.

- Operate the valve by performing a cycle of opening / closing to eliminate any residual pressure trapped inside the body.

After carrying out maintenance to the valve:

- Always make sure that the pipeline is not pressurized.

- make appropriate cycles of flushing with inert fluid or specific passivating, if the valve detects dangerous substances, corrosive, explosive, etc.

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Gilt für folgende Artikel:**Edelstahlkugelhahn, Stellantrieb doppeltwirkend**

Artikel Nr.	Typen Nr.
103581 bis 103587	351.509 bis 351.515

Edelstahlkugelhahn, Stellantrieb einfachwirkend, federschließend

Artikel Nr.	Typen Nr.
103588 bis 103594	351.519 bis 351.525