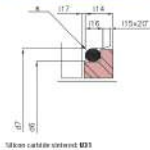


K - RING: TBHK



Year (thousands of U.S. \$)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)																																																																																																																																																																																																																																																																																																			
20	32	35	39	43	47	51	55	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591

Diagram illustrating a mechanical assembly. A cylindrical component is shown with a label $3 \times G$ and a dimension of 1.0 mm . The assembly is mounted on a base, and a dimension of 1.0 mm is indicated for the height of the component.

Sexi element	H	G	σ_{H}
10-23	3.0	H0	2.7
24-25	3	H0	2.7
26-35	3.5	H0	2.7
36	4.25	H0	3.2
40-43	4.0	H0	3.2
44	6	H0	3.2
45	5	H0	3.2
50-55	4.5	H0	3.2
55-100	5.0	H0	3.2



FLUITEN ITALIA SPA
20016 Pero (Milano) Italy
Via Leonardo da Vinci, 14
Tel: +39 02 339403.1



www.fluiten.it

**TBH**
PRODUCT DATA SHEET

TBH PACKED WITH TECHNOLOGY

The Fluten TBH Mechanical Seal brings together the results of the experience we have gained since 1962 in developing seals for pump manufacturers. It's designed for **TBH - API pump manufacturers**, who need to optimize their machine production by selecting their choice of mechanical seal towards models that ensure top performance, are multipurpose and - of course - are very competitive price-wise. It is an important innovation on the "component" mechanical seal market. This progress was made possible by the modern production techniques available today.



OPERATING LIMITS (CODE)			
SHAFTE TEM. (mm)	SPEED (mm)	PRESSURE (bar g)	TEMPERATURE (°C)
100	20	10	+250
20	0	0	-100

Note:
The operating limits depend on the material of the seal rings, which can be chosen according to the operating conditions.
The limits apply only to the standard design.

CHOICE TO BE MADE			
SEALING BODY (CODE)	SEALING BODY (CODE)	SEALING BODY (CODE)	SEALING BODY (CODE)
SEALING BODY (CODE)	SEALING BODY (CODE)	SEALING BODY (CODE)	SEALING BODY (CODE)

COMPONENT KEY		
Stationary ring	Rotating ring gasket	Spring
Rotating ring	Stationary ring gasket	Seal body gasket
Sealing body	Seal body gasket	

ADVANTAGES

-SIMPLE CONSTRUCTION: Our unique, patented "Double Function" spring, which has been tested in thousands of applications, provides the mechanical load on the rotating ring and drives it with high reliability even in the event of mechanical stress.

-HIGH LIMITS WITH LOW ABSORPTION: Hydraulic balancing minimizes the heat generated by the sealing surfaces even at high operating limits. The liquid film between the sealing surfaces remains stable even at high Pelt pressure + rotational speed vs.

-LOW-EN 1.2716 STANDARD DIMENSIONS: Thanks to **EN 24760/2002**, standardized dimensions allow equipment manufacturers and users to optimize their inventory and component interchangeability.

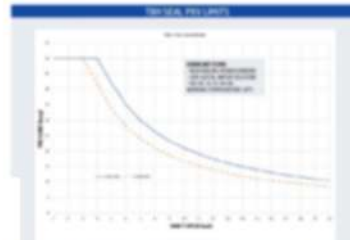
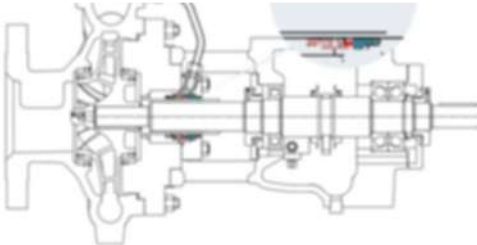
-MATERIALS: Our standard materials are suitable for a very wide range of uses, thus minimizing inventory and keeping operating costs low.

-VERSATILITY: The technical specifications of the

EF LUTEN

Would you like to receive our complete technical manual?

Fill in the fields in the format above, you will receive them via e-mail within 48 hours of the request.



CHOICE OF FLUSHING, ACCORDING TO PERCENTAGE WEIGHT OF SOLIDS AND DENSITY					
solids	< 10%	+ 10%	+ 10%	+ 10%	+ 10%
operating medium	clean water	clean water	clean water	clean water	clean water
sealing plan	Plan 11	Plan 11	Plan 11-12	Plan 11-12	Plan 11-12
Alternative plan 12/11 (solids Double seal) Alternative plan 12/11 (solids Double seal) (Double Function)					



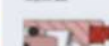
1. STATIONARY RING
General alloy-carbon: **API**
alloy-carbon

API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**



2. ROTATING RING

API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**



3. SPRING

API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**



4. SEALING BODY
General alloy-carbon: **API**
alloy-carbon



API 111 alloy-carbon
alloy-carbon **API**
API 111 alloy-carbon
alloy-carbon **API**



Other materials are available on request.