



Gland packing TSE

TSE - is the primary seal tłoczkowym, unilateral action, provided for operation under normal conditions. Seal one-piece ring base is reinforced with a fabric and bonded to the rubber sealing portion. In more severe operating conditions, where there is a higher pressure, it is recommended to use a special version of the ring of anti-wyciskowym AI or AE.

TSE / AI - ring is located on the inner side of the seal, it is a version of the gland.

TSE / AE version for use on single-acting cylinders. The ring is located on the outer side of the seal.

Type	Pressure [bar]	Speed [m / s]	Temperature [° C]	Stuff	Resistance Media	Equivalent seals
TSE	250	0.5	-30 120	NBR + fabric	> Hydraulic oils > Water > emulsions	RUM .. B .. K36 MD..P, SN05, S
TSE / AI	500	0.5	-30 120	NBR + fabric + POM	> Hydraulic oils > Water > emulsions	RUM .. E .. B .. (NEI) K37, MD..EO, SNI07, SG

Name	d (rys.)	D (rys.)	H (rys.)
TSE-2003/1	10	18	6
TSE-2004	12	19	6,50
TSE-2005	14	22	6,50
TSE-2006	14	22	7
TSE-2006/2	14	23	7
TSE-2006/1	15,87	22,22	5,25
TSE-2006/3AI	12	23	7,50
TSE-2007	15	23	6,30
TSE-2007/1	16	23	7
TSE-2008	16	24	6,40
TSE-2009	16	24	7
TSE-2009AI	16	24	7
TSE-2010	18	26	6,50
TSE-2013	20	27	6,50
TSE-2011	18	26	7
TSE-2013AI	20	27	6,50
TSE-2014	18	28	6,30
TSE-2014/1	18	28	10

Name	d (rys.)	D (rys.)	H (rys.)
TSE-2015	20	28	6,30
TSE-2016	20	28	7
TSE-2016/1	18	30	7,50
TSE-2017	20	30	8,50
TSE-2018AI	22	30	6,50
TSE-2019	22	30	7
TSE-2019/1	25	32	7
TSE-2020	25	33	6,40
TSE-2020AI	25	33	6,50
TSE-2021AI	22	34	9,50
TSE-2022	24	34	6,50
TSE-2024	22	35	10
TSE-2024AI	22	35	10
TSE-2025	25	35	9
TSE-2025AI	25	35	9
TSE-2025/1	25,40	34,92	6,85
TSE-2027AI	28	36	6,40
TSE-2027/1	23,81	36,51	10
TSE-2028	30	37,50	6,50
TSE-2029	25	38	10
TSE-2029AI	25	38	10
TSE-2030	28	38	8
TSE-2030AI	28	38	8
TSE-2031	30	38	6,40
TSE-2031AI	30	38	6,50
TSE-2031/1	25,40	38,10	10
TSE-2031/2	28,19	39,68	8
TSE-2032	26	40	10
TSE-2033	28	40	9,50
TSE-2034	30	40	7,50
TSE-2034AI	30	40	7,50
TSE-2035	32	40	6,40
TSE-2035AI	32	40	6,40
TSE-2036	32	40	9
TSE-2036AI	32	40	9
TSE-2037	28	41	10
TSE-2037/1	32	42	11
TSE-2037AI	28	41	10
TSE-2037/2	28,57	41,27	10
TSE-2038/1	35	43	8
TSE-2038	35	43	6,50
TSE-2038AI	35	43	6,50
TSE-2039	36	43	6,50
TSE-2040	25	44	12,50
TSE-2039AI	36	43	6,50
TSE-2041	32	44	11,50
TSE-2042	36	44	6,50

Name	d (rys.)	D (rys.)	H (rys.)
TSE-2043	30	45	9
TSE-2044AI	32	45	10
TSE-2045	35	45	13,50
TSE-2045/1AI	35	45	10,50
TSE-2046	35	45	8
TSE-2046AI	35	45	8
TSE-2047/1	36	46	8,50
TSE-2047/1AI	36	46	8,50
TSE-2048	36	48	9,50
TSE-2048/1AI	36	48	11
TSE-2048AI	36	48	9,50
TSE-2049AI	40	48	6,50
TSE-2049	40	48	6,50
TSE-2049/1	40	48	9
TSE-2050	30	50	14,50
TSE-2051	35	50	11,50
TSE-2052	38	50	9,50
TSE-2053AI	40	50	8
TSE-2053	40	50	8
TSE-2054	40	50	10
TSE-2054AI	40	50	10
TSE-2055	40	50	11
TSE-2055AI	40	50	11
TSE-2056	40	50	13,50
TSE-2056/1AI	40	52	11,50
TSE-2057/1	42	57	10,50
TSE-2060	45	52	10,50
TSE-2058	34,92	50,80	11,60
TSE-2059	37,72	50,80	9
TSE-2062	45	53	6,50
TSE-2062/1AI	45	53	11
TSE-2063AI	40	55	7,50
TSE-2064	40	55	11
TSE-2064AI	40	55	11
TSE-2065	45	55	8
TSE-2065AI	45	55	8
TSE-2066AI	45	55	11
TSE-2068	46	56	11
TSE-2069	50	58	12,50
TSE-2069/1	50	58	8,50
TSE-2070	40	60	14,50
TSE-2070AI	40	60	14,50
TSE-2071	45	60	10,50
TSE-2071AI	45	60	10,50
TSE-2072	48	60	7
TSE-2073	50	60	8
TSE-2073AI	50	60	8

Name	d (rys.)	D (rys.)	H (rys.)
TSE-2074	50	60	10
TSE-2074AI	50	60	10
TSE-2076	50	62	9,50
TSE-2076AI	50	62	9,50
TSE-2075	44,50	60,32	11,60
TSE-2077	45	63	11
TSE-2079	45	65	14,50
TSE-2079AI	45	65	14,50
TSE-2080	50	65	11
TSE-2080AI	50	65	11
TSE-2081AI	55	65	11
TSE-2082	55	65	8
TSE-2082AI	55	65	8
TSE-2083	54	66	9,50
TSE-2084	56	66	8
TSE-2085	50,80	66,67	11,50
TSE-2086	57	67	8
TSE-2087	60	68	12,50
TSE-2089	60	69,50	7
TSE-2090	57,15	69,85	10
TSE-2091	50	70	14,50
TSE-2091AI	50	70	14,50
TSE-2092AI	55	70	10,50
TSE-2093	60	70	8
TSE-2093AI	60	70	8
TSE-2094	60	70	13
TSE-2094AI	60	70	13
TSE-2094/1AI	60	70	11
TSE-2095	56	71	10,50
TSE-2095AI	56	71	10,50
TSE-2095/1AI	56	71	12,50
TSE-2096AI	60	72	10
TSE-2096	60	72	10
TSE-2097AI	55	75	14,50
TSE-2097	55	75	14,50
TSE-2098	60	75	13
TSE-2098AI	60	75	13
TSE-2098/1	60,50	75	14
TSE-2099AI	63	75	11
TSE-2100	65	75	13,50
TSE-2100AI	65	75	13,50
TSE-2100/1	65	75	8,50
TSE-2101AI	56	76	14,50
TSE-2101	56	76	14,50
TSE-2101/1	57,15	76,20	10
TSE-2102	65	77	9,60
TSE-2103AI	60	80	14

Name	d (rys.)	D (rys.)	H (rys.)
TSE-2103	60	80	14
TSE-2104AI	65	80	11,50
TSE-2104	65	80	11,50
TSE-2104/1AI	65	80	12,50
TSE-2107	70	80	13
TSE-2107AI	70	80	13
TSE-2106	68	79,40	10
TSE-2108	70	80	8
TSE-2108AI	70	80	8
TSE-2109	70	82	9,60
TSE-2110	63	83	14,50
TSE-2110AI	63	83	14,50
TSE-2111	70	84	12,50
TSE-2111AI	70	84	12,50
TSE-2112	72	84	6
TTS-2114	65	85	14,50
TTS-2114AI	65	85	14,50
TTS-2115	70	85	12
TTS-2115AI	70	85	12
TTS-2116	75	85	8
TTS-2117AI	75	85	11
TTS-2120	70	90	14,50
TTS-2120AI	70	90	14,50
TTS-2121AI	75	90	11,50
TTS-2121	75	90	11,50
TTS-2121/1	75,50	90	14
TTS-2122AI	78	90	12
TTS-2123	80	90	8
TTS-2123AI	80	90	8
TTS-2124AI	80	90	11,50
TTS-2124/1AI	80	91	10,50
TTS-2126	80	92	9,60
TTS-2125AI	80	90	13
TTS-2127	84	94	8
TTS-2127/1AI	80	95	12
TTS-2128	75	95	14,50
TTS-2128AI	75	95	14,50
TTS-2129	85	95	8
TTS-2129AI	85	95	8
TTS-2130AI	80	96	10,50
TTS-2131	85	97	9,60
TTS-2134	80	100	14,50
TTS-2133AI	80	100	12
TTS-2133	80	100	12
TTS-2134AI	80	100	14,50
TTS-2135	85	100	12
TTS-2135AI	85	100	12

Name	d (rys.)	D (rys.)	H (rys.)
TTS-2136AI	90	100	10,50
TTS-2137	90	102	9,60
TTS-2138	85,72	104,77	14,80
TTS-2139	85	105	14,80
TTS-2139AI	85	105	14,80
TTS-2141	90	105	9,50
TTS-2141AI	90	105	9,50
TTS-2142AI	90	105	12,50
TTS-2144	90	106,20	10,80
TTS-2143	95	105	11
TTS-2143AI	95	105	11
TTS-2145	95	107	12,50
TTS-2145AI	95	107	12,50
TTS-2146	98	107,50	7
TTS-2147	88,90	107,95	12,70
TTS-2148	90	110	12,50
TTS-2148AI	90	110	12,50
TTS-2149	90	110	14,50
TTS-2149/2	95	110	13
TTS-2149/1AI	95	112	12
TTS-2150	100	113	13,50
TTS-2150AI	100	113	13,50
TTS-2152	95,25	114,30	13,50
TTS-2153	100	115	11,50
TTS-2153AI	100	115	12,50
TTS-2154	105	115	11
TTS-2154AI	105	115	11
TTS-2155	100	120	12
TTS-2155AI	100	120	12
TTS-2156	100	120	14,50
TTS-2156AI	100	120	14,50
TTS-2157	105	120	11,50
TTS-2158	105	120	12
TTS-2159	105	125	12,50
TTS-2159AI	105	125	12,50
TTS-2159/2	106	116	8
TTS-2160	110	125	12
TTS-2160AI	110	125	12
TTS-2161	100	125	13,30
TTS-2161AI	100	125	13,30
TTS-2162	115	125	8
TTS-2163	110	130	12,50
TTS-2163AI	110	130	12,50
TTS-2164	130	110	14,50
TTS-2167	120	132,70	10
TTS-2166	118	130	12,50
TTS-2167AI	120	132,70	10

Name	d (rys.)	D (rys.)	H (rys.)
TTS-2170	120,50	135	14
TTS-2170AI	120	130	12,50
TTS-2170/1	126	136	8
TTS-2171	114,30	139,70	19,50
TTS-2172	120	140	12,50
TTS-2172AI	120	140	12,50
TTS-2173	120	140	14,50
TTS-2174	125	140	12,50
TTS-2174AI	125	140	12,50
TTS-2176/1AI	120	145	12
TTS-2176AI	120	145	18,80
TTS-2177	125	145	16
TTS-2177AI	125	145	16
TTS-2177/1	126	136	8
TTS-2178	130	145	15
TTS-2178AI	130	145	15
TTS-2178/1AI	130	145	12,50
TTS-2179AI	125	150	14,50
TTS-2185	145	157,70	10
TTS-2180	130	150	16
TTS-2180AI	130	150	16
TTS-2181	130	150	14,50
TTS-2181AI	130	150	14,50
TTS-2182	140	150	10
TTS-2183AI	130	155	18,80
TTS-2184	140	155	13
TTS-2184AI	140	155	13
TTS-2188	140	160	14,50
TTS-2185	145	157,70	10
TTS-2186AI	140	160	12,50
TTS-2187AI	140	160	16
TTS-2188AI	140	160	14,50
TTS-2189	150	165	13
TTS-2190	150	170	14,50
TTS-2190AI	150	170	14,50