

TR-series, tie rod cylinders



Double-acting tie rod cylinders provide a variety of mounting styles and options for pushing and positioning:

clevis mount style – flexibility of motion, NFPA style MP1

foot mount style – ease of installation, NFPA style MS2

flange mount style – extra strong, NFPA style ME5

options: special rod ends, rod eyes, rod clevises, pivot pins and linear alignment coupler.

- Rod seal uses spring loaded multiple lip v-rings, a supporting bronze bearing ring bushing and a double lip wiper
- Piston seal combines two bi-directional sealing cast iron piston rings with two block v-seals with back-up rings
- Hardened chrome plated piston rod resists scoring and corrosion, assuring maximum life
- Steel tubing barrel, honed to a fine finish assures superior sealing, minimum friction and maximum seal life
- Rod bushing and seals can be serviced by merely removing the retainer plate on most models.

Cylinder Capacity at 350 bar		Bore Diameter mm	Rod Diameter mm	Stroke mm	Clevis Mount Model Number	Foot Mount Model Number	Flange Mount Model Number	Cylinder Effective Area inch ²	
push	pull							push	pull
4014	2222	38,1	25,4	50,8	TRCM-1502	TRFM-1502	TRFL-1502	11,4	6,3
4014	2222	38,1	25,4	101,6	TRCM-1504	TRFM-1504	TRFL-1504	11,4	6,3
4014	2222	38,1	25,4	152,4	TRCM-1506	TRFM-1506	TRFL-1506	11,4	6,3
4014	2222	38,1	25,4	254,0	TRCM-1510	TRFM-1510	TRFL-1510	11,4	6,3
4014	2222	38,1	25,4	304,8	TRCM-1512	TRFM-1512	TRFL-1512	11,4	6,3
7121	3765	50,8	35,0	50,8	TRCM-2002	TRFM-2002	TRFL-2002	20,3	10,7
7121	3765	50,8	35,0	101,6	TRCM-2004	TRFM-2004	TRFL-2004	20,3	10,7
7121	3765	50,8	35,0	152,4	TRCM-2006	TRFM-2006	TRFL-2006	20,3	10,7
7121	3765	50,8	35,0	254,0	TRCM-2010	TRFM-2010	TRFL-2010	20,3	10,7
7121	3765	50,8	35,0	304,8	TRCM-2012	TRFM-2012	TRFL-2012	20,3	10,7
11135	5670	63,5	44,4	50,8	TRCM-2502	TRFM-2502	TRFL-2502	31,7	16,1
11135	5670	63,5	44,4	101,6	TRCM-2504	TRFM-2504	TRFL-2504	31,7	16,1
11135	5670	63,5	44,4	152,4	TRCM-2506	TRFM-2506	TRFL-2506	31,7	16,1
11135	5670	63,5	44,4	254,0	TRCM-2510	TRFM-2510	TRFL-2510	31,7	16,1
11135	5670	63,5	44,4	304,8	TRCM-2512	TRFM-2512	TRFL-2512	31,7	16,1
18824	11703	82,5	50,8	50,8	TRCM-3202	TRFM-3202	TRFL-3202	53,5	33,3
18824	11703	82,5	50,8	101,6	TRCM-3204	TRFM-3204	TRFL-3204	53,5	33,3
18824	11703	82,5	50,8	152,4	TRCM-3206	TRFM-3206	TRFL-3206	53,5	33,3
18824	11703	82,5	50,8	254,0	TRCM-3210	TRFM-3210	TRFL-3210	53,5	33,3
18824	11703	82,5	50,8	304,8	TRCM-3212	TRFM-3212	TRFL-3212	53,5	33,3
28508	17373	101,6	63,5	50,8	TRCM-4002	TRFM-4002	TRFL-4002	81,1	49,4
28508	17373	101,6	63,5	101,6	TRCM-4004	TRFM-4004	TRFL-4004	81,1	49,4
28508	17373	101,6	63,5	152,4	TRCM-4006	TRFM-4006	TRFL-4006	81,1	49,4
28508	17373	101,6	63,5	254,0	TRCM-4010	TRFM-4010	TRFL-4010	81,1	49,4
28508	17373	101,6	63,5	304,8	TRCM-4012	TRFM-4012	TRFL-4012	81,1	49,4