



## Performance for Medium Pressure Travaini Liquid Ring Compressors

Data Based on:

Suction Dry Air 68°F – 20°C  
 Suction Pressure 14.7 PSI  
 Service Liquid Water  
 Service Liquid Temperature 59°F – 15°C  
 Tolerance 10%

Compressor Model (Pump Model)	Conn. Size	RPM	5 P.S.I.G.			10 P.S.I.G.			15 P.S.I.G.			20 P.S.I.G.		
			Capacity C.F.M.	Motor H.P.	S. Liquid G.P.M.	Capacity C.F.M.	Motor H.P.	S. Liquid G.P.M.	Capacity C.F.M.	Motor H.P.	S. Liquid G.P.M.	Capacity C.F.M.	Motor H.P.	S. Liquid G.P.M.
TRH 32-4	1 ¼	1750	2.3	1.0	0.9	2.7	1.0	0.9	2.6	1.0	0.9	2.4	1.0	0.9
TRH 32-20	1 ¼"	3500	13	1.8	1.2	12.8	2.1	1.4	12	2.2	1.6	11	2.5	2.0
TRS 32-20	1 ¼"	3500	13.5	1.2	0.8	13.3	1.5	1.7	10.2	2.4	2.5	--	--	--
TRH 32-45	1 ¼"	3500	28	3.0	1.2	28	3.6	1.4	27	4.3	1.6	24	5.0	2.0
TRS 32-50	1 ¼	3500	30	2.1	0.8	29	2.8	1.5	25	3.5	2.5	--	--	--
TRS 40-55	1 ½"	1750	36	2.2	1.5	29	3.3	3.0	15	4.6	4.0	--	--	--
TRS 40-100	1 ½"	1750	66	4.1	2.0	66	5.9	3.0	56	7.4	5.0	--	--	--
TRC 40-110 (TRV 40-110)	1 ½"	1750	68	5.6	2.8	68	6.3	3.1	67	7.1	3.6	65	8.0	4.2
TRC 40-150 (TRV 40-150)	1 ½	1750	97	7.8	2.8	95	9.0	3.0	90	10.1	3.6	86	11.4	4.2
TRC 50-220 (TRV 50-220)	2	1750	141	11.0	3.0	140	13	3.5	139	16	4.7	135	18	6.0
TRC 65-450 (TRV 65-300)	2½	1750	207	12.5	4.5	207	16	6.0	203	19.7	8.0	197	22	11
TRC 100-550 (TRV 65-450)	2 ½	1750	295	16	5.0	293	22	7.0	288	27	10	273	32	12
TRC 100-550 (TRS 100-550)	4	1750	379	23	7.0	370	29	9.0	340	35	12	310	41	14
TRC 100-700 (TRS 100-700)	4	1750	482	29	8.0	475	35	11	460	42	13	435	49	16
TRSA 125-1250 (TRS 125-1250)	5	880	550	30	13	535	40	22	--	--	--	--	--	--
		975	655	37	13	640	47	23	560	58	32	--	--	--
		1150	770	44	13	760	60	30	730	75	35	650	89	43
TRC 125-1550 (TRS 125-1550)	5	1180	1000	71	20	925	85	28	--	--	--	--	--	--
		960	870	53	20	775	67	24	600	88	35	--	--	--
TRSA 200-2500 (TRS 200-1950)	8	735	1100	65	23	1180	88	37	1030	110	47	920	130	66
		880	1380	95	23	1380	126	37	1370	158	47	1240	185	66
		960	1570	115	23	1570	140	37	1530	170	47	1430	205	66
TRSA 200-2500 (TRS 200-2500)	8	735	1380	95	25	1360	120	38	1270	145	53	1130	183	67
		880	1770	139	25	1760	160	38	1690	195	53	1550	240	67
		960	1995	158	25	1985	195	38	1930	230	53	1810	270	67
TRSA 200-3100 (TRS 200-3100)	8	880	2075	170	40	--	--	--	--	--	--	--	--	--

Note: Consult curves for maximum allowable discharge pressures

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