Standard Impulse Wrench – RRI series

Img.: RRI-150

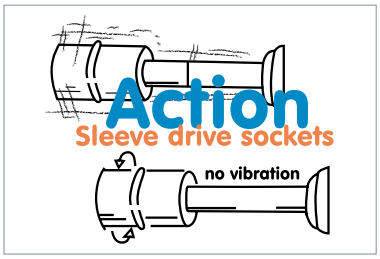
- Hydraulic impulse unit with X-Shape sealing improves repeatability.
- Easy torque adjustment.
- Faster power development due to double-chamber air motor with high number of pulses.
- Reduced workload due to reduced vibration and low noise levels.
- Smooth-running trigger.
- Reduced air consumption – reduced CO_2 emission.

For impulse wrenches we recommend power sockets and extensions with sleeve drive – less tolerance, less wear for a permanently constant power output. In order to achieve maximum productivity, accuracy and durability, it has proven itself to use impulse wrenches up to approx. 80% of their capacity.

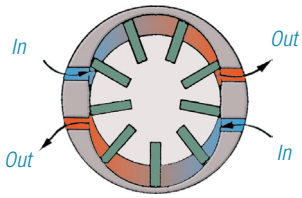
Img.: RRI-30A

Red Rooster impulse wrenches are driven by a double chamber air motor. This motor generates a high number of pulses per second. Thus the torque is reached even faster, the tightening times are shortened and at the same time the repeatability is increased.

The power output is delivered by a Twin-Drive Roller Blade Pulse Unit. This special designed mechanism reduces noise and vibration levels and improves the effectiveness of the pulses. The cost-effectiveness is increased by the simplified design of the rotor cylinder and the front plate.

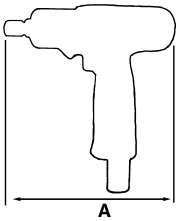


Double chamber air motor



The reduced weight and improved balance of the impulse wrench makes it easier to use even in places that are difficult to access.

The ergonomically optimized design facilitates one-handed operation and relieves the operator's wrist. This significantly reduces the risk of tissue diseases such as RSI or similar.



Series RRI

Type / Drive			Model	Item No.	Bolt Capacity	RPM	Torque Range*	Air Cons.	Weight	Pipe Thread	Hose ID	Dimensions A	Dimensions B	Vibration	Noise Level
	SqD	Hex			Ø	min^{-1}	N·m	l/s	kg	Inch	mm	mm		m/s^2	dB(A)
Pistol	–	1/4	RRI-30AX	510705	M6	4600	6 - 12,5	3,7	0,89	1/4	6,5	163	n.a.	< 2,5	78
	–	1/4	RRI-40AX	510715	M6-M8	4600	10 - 18	3,7	0,92	1/4	6,5	170	n.a.	< 2,5	78
	–	1/4	RRI-50AX	510725	M8	7200	16 - 26	5,3	0,92	1/4	6,5	170	n.a.	< 2,5	80
	–	1/4	RRI-60AX	510735	M8	6200	20 - 30	6,2	1,0	1/4	8	181	n.a.	< 2,5	82
	–	1/4	RRI-70A	510745	M10	7200	32 - 47	7,0	1,35	1/4	8	194	n.a.	< 2,5	82
	3/8	–	RRI-30X	510710	M6	4600	7 - 12,5	3,7	0,89	1/4	6,5	163	n.a.	< 2,5	78
	3/8	–	RRI-40X	510720	M6-M8	4600	11 - 19	3,7	0,92	1/4	6,5	167	n.a.	< 2,5	78
	3/8	–	RRI-50X	510730	M8	7200	16 - 27	5,3	0,92	1/4	6,5	167	n.a.	< 2,5	80
	3/8	–	RRI-60X	510740	M8-M10	6200	22 - 35	6,2	1,0	1/4	8	178	n.a.	< 2,5	82
	3/8	–	RRI-70	510750	M10	7200	37 - 57	7,0	1,35	1/4	8	194	n.a.	< 2,5	82
	3/8	–	RRI-80	510820	M10-M12	5100	40 - 70	9,3	1,19	1/4	8	194	n.a.	< 2,5	82
	1/2	–	RRI-90	510760	M12	5400	64 - 90	8,3	1,55	1/4	8	200	n.a.	< 2,5	83
	1/2	–	RRI-100	510770	M12-M14	5300	85 - 120	8,7	1,87	1/4	8	209	n.a.	< 2,5	84
	1/2	–	RRI-130	510780	M14-M16	3600	123 - 148	11,6	2,26	1/4	11	216	n.a.	< 2,5	86
	3/4	–	RRI-150	510790	M16	3700	165 - 210	11,6	3,10	1/4	11	239	n.a.	< 2,5	86
	3/4	–	RRI-180	510800	M16-M18	2700	180 - 255	12,2	3,80	1/4	11	263	n.a.	< 2,5	86
	3/4	–	RRI-200	510810	M18-M20	3000	230 - 450	n.a.	4,25	3/8	13	250	n.a.	8,3	88

** Torque specification is for guidance only, based on manufacturer's tightening tests at 0.6 MPa. Due to different influencing factors, practical values may deviate.*

Further information available 24 / 7 on our website.