

Industrial Impulse Wrench – Y series

Img.: Y-40 SA



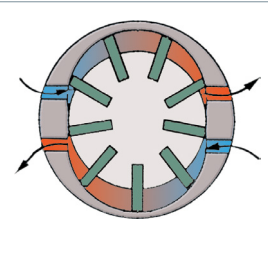
The Yokota Y series impulse wrenches with double chamber air motor achieve the required torque very quickly. The tools have a high number of impulses per second, and therefore very accurate torques can be realised, resulting in increased production speed. Yokota impulse wrenches are widely used for tightening jobs in the assembly industry, where accurate torque tolerances are necessary. Impulse tools are light, powerful, small and very importantly, have no kick-back. Evaluation of tightening processes in car assembly shows that tightening joints uses 10% of the total assembly time. Working with faster tools therefore can speed up assembly lines substantially.

The use of reaction torque-free Yokota impulse wrenches on the assembly line significantly reduces the risk of illnesses such as RSI. As a result, sick leave due to musculoskeletal complaints decreases noticeably and operator acceptance increases significantly.

In order to successfully combine all the advantages of impulse wrenches, it is very important that the right impulse wrench is used for each bolted joint. Every bolted joint is different. We will be happy to advise you on the selection of the right nutrunner for your specific bolted joint.



Img.: Y-41 A

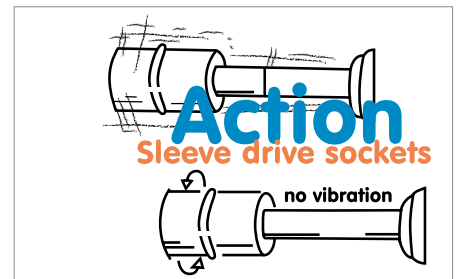


Img.: Y-140

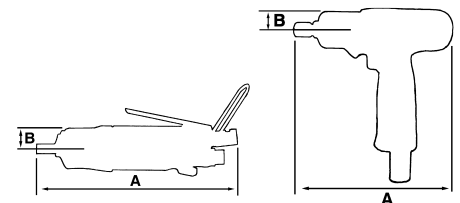


Double Chamber Air Motor

- ▶ Even faster power development due to double-chamber air motor with high pulse number.
- ▶ Reliable power performance through Yokota's patented Twin Blade pulse mechanism.
- ▶ Reduced workload due to reduced vibration and noise levels.
- ▶ Efficient bolt tightening by means of 2-step starter/trigger.



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.



Series Y

Type	Model		Item No.	Bolt Capacity Ø	RPM min ⁻¹	Torque Range* N-m	Air Cons. l/s	Dimensions		Weight kg	Pipe Thread Zoll	Hose ID mm	Vibration m/s ²	Noise Level dB(A)	
	SqD	Hex						A	B						
S	-	1/4	Y-40 SA	420028	M5-M6	8000	7 - 10	5.0	229	17	0.84	1/4	6.35	<2.5	80
	-	1/4	Y-41 A	420031	M5-M6	9000	7.5 - 11	5.8	141	17	0.78	1/4	6.35	<2.5	72
	-	1/4	Y-46 A	420033	M6	8000	17 - 24	5.8	157	19	0.82	1/4	6.35	<2.5	79
	3/8	-	Y-46 E	420035	M6	8000	20 - 29	5.8	157	19	0.81	1/4	6.35	<2.5	79
	3/4	-	Y-140	430210	M16	3200	160 - 270	13.7	226	36	3.1	1/4	12.7	7.7	82



Further information available 24 / 7 on our website.

* 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.