

TWH-N | HYDRAULIC TORQUE WRENCHES - LOW PROFILE HEXAGON



Torque capacities up to 34985 lbf.ft

Torque accuracy of +/- 3%

Working pressure 10000 psi

- ⇨ Lightweight, high grade aluminum body (excluding TWH430N)
- ⇨ Output torque capacities from 1906 to 34985 lbf.ft (2625 to 48181 Nm)
- ⇨ Low profile design for direct in-line reaction
- ⇨ Narrow cassette head design makes it ideal for limited access applications
- ⇨ Ratchet head can be easily changed by simply withdrawing/inserting a single pin
- ⇨ Imperial ratchet heads available with across flat (AF sizes) sizes from 1 1/16" to 6 7/8" (page 89)
- ⇨ Metric ratchet heads available with across flat (AF sizes) sizes from 24 to 175 mm (page 90)
- ⇨ Fitted with 360° uni-swivel with quick release couplings for easy positioning of hydraulic hoses

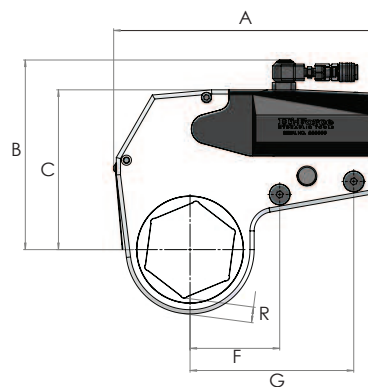
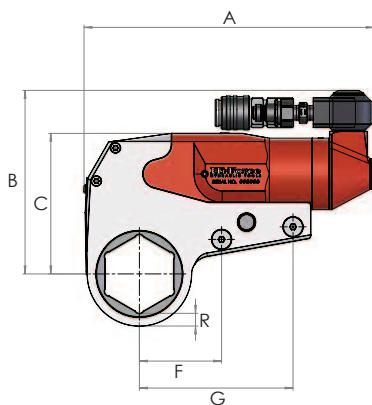
TWH27N, TWH54N, TWH120N, TWH210N
(aluminum body)

All models

TWH430N (steel body)

Note: Drawing shows drive cylinder, including ratchet head as detailed on pages 89 and 90.

Drive cylinder and ratchet head are separate items and must be ordered separately.



Model number	Torque capacity		Hexagon AF Size				Weight (lbs)
	Nm at 10000 psi	lbf.ft at 10000 psi	Metric min	Metric max	Imperial min	Imperial max	
TWH27N	2625	1906	24	46	1 1/16"	1 13/16"	3.1
	3068	2228	50	60	2"	2 3/8"	3.1
TWH54N	5372	3901	36	65	1 7/16"	2 9/16"	5.1
	6037	4384	70	80	2 3/4"	3 1/8"	5.1
TWH120N	11737	8522	50	80	2 3/16"	3 1/8"	8.4
	14349	10419	85	100	3 1/2"	3 7/8"	8.4
TWH210N	21216	15405	70	100	2 3/4"	3 7/8"	14.1
	23124	16791	105	115	4 1/4"	4 5/8"	14.1
TWH430N	43792	31798	80	115	3 1/8"	4 5/8"	35.5
	48181	34985	130	175	5"	6 7/8"	35.5

Dimensions (in)								
A	B	C	D	E	F	G	R(min)	R(max)
7.6	4.93	3.82	1.26	2.01	2.13	4.29	0.37	0.48
7.6	5.36	4.26	1.26	2.01	2.13	4.29	0.4	0.41
9.85	6.23	4.93	1.62	2.52	2.88	5.4	0.42	0.54
9.85	6.66	5.36	1.62	2.52	2.88	5.4	0.46	0.58
12.21	7.45	6.19	2.05	3.07	3.62	6.78	0.58	0.6
12.21	8.43	7.17	2.05	3.07	3.62	6.78	0.63	0.74
14.89	8.79	7.53	2.52	3.82	4.49	8.39	0.71	0.73
14.89	9.3	8.04	2.52	3.82	4.49	8.39	0.72	0.82
15.96	11.47	9.53	3.27	3.66	5.75	10.52	1.01	1.23
16.75	12.06	10.24	3.27	3.66	5.75	10.52	0.98	1.08

Note: Above selection table is for drive unit only. Ratchet head(s) to be ordered separately see pages 89 and 90. Weight as stated is drive cylinder only, exact radius size (R) varies according to ratchet AF size selected.