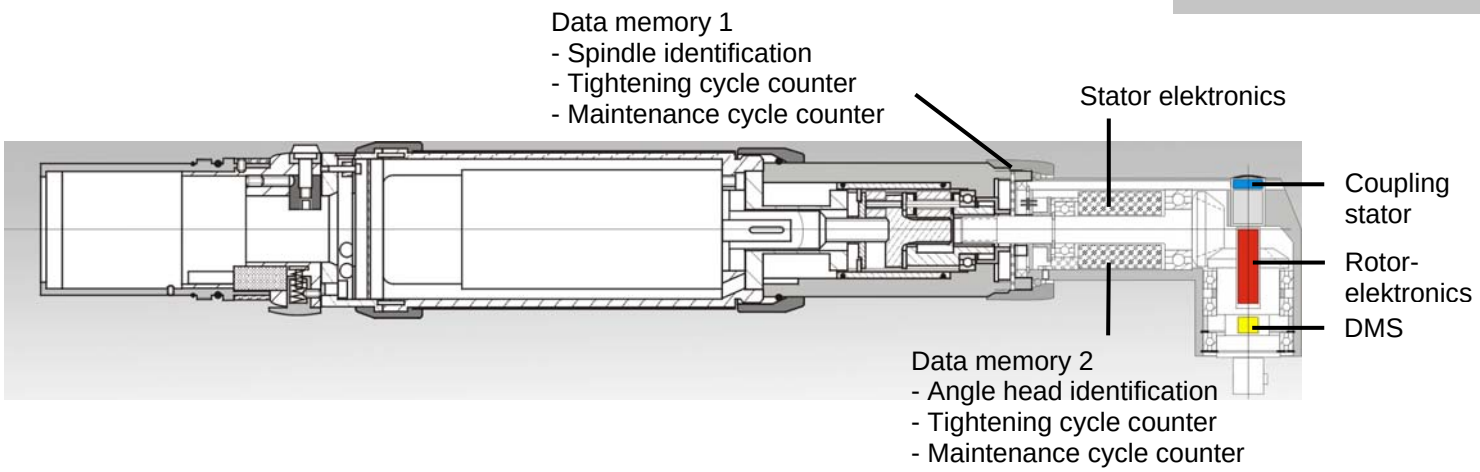

Angle Nutrunner

with Action Torque Sensor in the Angle Head

Nutrunning Technology

Torque measurement directly at the drive shaft

Abrasion-free torque transmission through telemetry

No influence of efficiency changes of angle head on torque measurement

Description:

With the help of this system you have the possibility to measure the torque directly from the drive shaft. Thus efficiency changes of angle head do not influence torque measurement.

- Measuring system with high accuracy i.e. analogue torque measurement over strain gauges in full bridge design
- Due to contact free torque transmission, no abrasion
- Measuring signals are controlled through monitoring logic
- Transmission of measuring signal up to 70 m cable length
- Separate parameter logging for angle head and spindle

	Max. torque capacity in Nm*	Torque range Nm	Type	Max. idle speed rpm	Length mm	Angle head Ø in mm	Drive □	Weight kg	Ident-No.
Size 1	16	4 - 14	HCR101A HWD1238-30	1139	398	34	3/8"	2,2	790 0011
	30	6 - 27	HCR102A HWD1238-30	593	398	34	3/8"	2,2	790 0012
	39	8 - 35	HCR103A HWD1238-40	454	397	36	3/8"	2,3	790 0013
	60	12 - 54	HCR103A HWD1338-60	295	408	46	3/8"	2,5	790 0014
Size 2	49	10 - 44	HCR204A HWD2138-50	710	423	41	3/8"	2,8	790 0015
	62	13 - 55	HCR204A HWD2238-63	568	425	41	3/8"		790 0016
	83	18 - 74	HCR204A HWD2312-100	426	429	54	1/2"	3,1	790 0017
Size 3	100	20 - 90	HCR311A HWD3112-100	402	503	49	1/2"		790 0018
	150	30 - 135	HCR311A HWD3212-150	259	508	61	1/2"	5,2	790 0019
	200	40 - 180	HCR313A HWD3234-200	213	510	64	3/4"		790 0020
	250	50 - 225	HCR313A HWD3334-250	178	513	70	3/4"		790 0021

* Depending on the tightening operation / cycle time, the max. run down torque must be a maximum of 90% of the stated capacity.