

▼ HXD-60 with CC-680



- High torque-to-weight ratio, slim nose radius and flat design
- High speed, high degree of rotation angle
- Snap in, interchangeable cassettes, no tools required
- 360° swivel hose connection allows easier positioning in confined areas
- High repeatability, with accuracy $\pm 3\%$
- Strong unibody design, integrated reaction arm and few moving parts make wrenches durable and reliable
- Extensive range of metric and imperial hexagon cassettes and reducers
- Drive unit and cassette come in storage case to protect from damage, water and dirt
- Lock-ring couplers are standard.

Aluminium, Low Profile



Twin 3,5:1 Safety Hoses

Use only Enerpac THC-700 series twin 3,5:1 safety hoses with HXD double-acting wrenches to ensure the integrity of your system.

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Nut Cutters

Remove rusted or corroded nuts easily with Enerpac Nut Cutters. Cuts hexagon nut sizes up to 130 mm.

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Select the Right Torque

Choose your Enerpac Torque Wrench using the loosening torque rule of thumb: Loosening torque may require 250% of tightening torque depending on the condition of the fastener.

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◀ Easy and reliable service in the field using Enerpac HXD-Series torque wrenches.

Double-Acting Hydraulic Torque Wrenches

▼ Shown from left to right: CC-3238, HXD-30



Torque Wrench Selection in 2 steps:

- 1. Drive Unit**
Select the HXD-drive Unit using the quick selection chart below.
- 2. Cassette**
Select the appropriate cassette from pages 32-33.

HXD Series



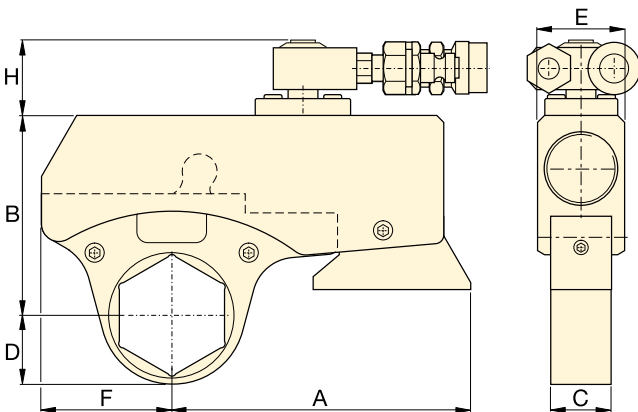
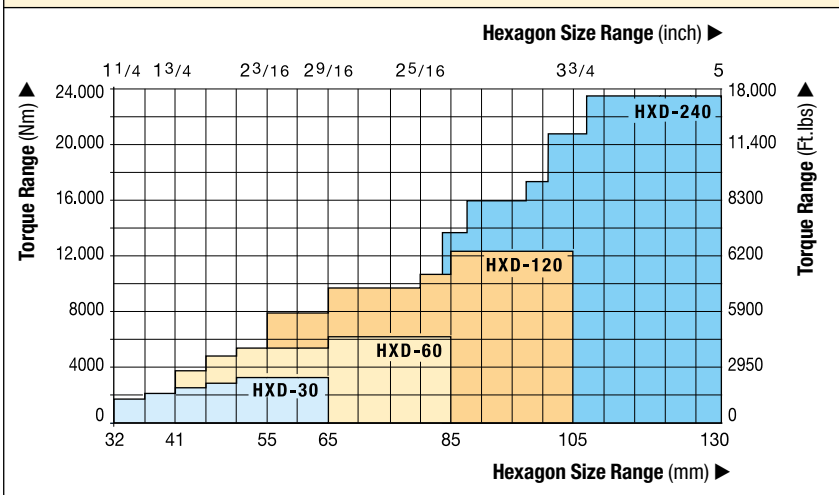
Maximum Torque:
24.210 Nm

Hexagon Range:
32-130 mm | 1¼-5 inch

Nose Radius:
28,5 - 96,0 mm

Maximum Operating Pressure:
800 bar

DRIVE UNIT AND INTERCHANGEABLE CASSETTE SELECTION



HXD-Drive Unit with CC-Hexagon Cassette

▼ QUICK SELECTION CHART

Cassette Range		Maximum Torque at 800 bar (Nm)	Drive Unit * Model Number	Drive Unit and Cassette Dimensions (mm)							Weight (including smallest cassette) (kg)
(mm)	(inch)			A	B	C	D	E	F	H	
32 - 60	1¼ - 2¾	3290	HXD-30	135	91 - 103	28	28,5 - 47,5	40	60	38	1,6
41 - 80	1⅝ - 3⅛	6190	HXD-60	156	115 - 130	35	34,5 - 60,5	50	75	38	2,5
55 - 100	2¾/16 - 3¾/8	12.500	HXD-120	200	141 - 156	47	46,5 - 73,5	65	96	38	4,8
80 - 130	3⅞ - 5	24.210	HXD-240	259	182 - 202	56	62,0 - 96,0	82	125	50	8,2

* With integrated reaction arm.

Metric and Imperial Sizes
Expanded versatility with the full range of metric and imperial hexagon Reducer Inserts.

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Hexagon Bolt and Nut Sizes
See the table for hexagon sizes of bolts, nuts and related thread diameters.

Page: 78

Torque Wrench Pumps
System matched air and electric pumps provide control to operate Enerpac HXD-Series Torque Wrenches.

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HXD-Series, Inch-Cassettes and Inserts



Maximum Torque at 800 bar:

24.210 Nm

Hexagon Range:

1¼ - 5 inch








◀ The optional Reducer Insert must be secured in the Cassette with a Holding Ring.

**CC
IN
HR
Series**



▼ SELECTION CHART

DRIVE UNIT 	INTERCHANGEABLE CASSETTE, IMPERIAL					OPTIONAL ADD-ON REDUCER INSERTS, IMPERIAL				HOLDING RINGS
	Max. Torque (Nm)	Hex. Size ¹⁾ (inch)	Nose Radius D (mm)	Model Number	 (kg)	 Hexagon Size (inch)	Model Number	 Hexagon Size (inch)	Model Number	 Model Number
HXD-30 (3290 Nm)	1700	1¼	28,5	CC-3125	0,6	-	-	-	-	-
	2100	1 ⁷ / ₁₆	31,5	CC-3144	0,7	1 ⁷ / ₁₆ - 1¼	IN3144-125	-	-	HR-36
	2500	1 ⁵ / ₈	34,5	CC-3163	0,7	1 ⁵ / ₈ - 1 ⁷ / ₁₆	IN3163-144	1 ⁵ / ₈ - 1¼	IN3163-125	HR-41
	2890	1 ³ / ₁₆	38,5	CC-3181	0,8	1 ³ / ₁₆ - 1 ⁵ / ₈	IN3181-163	1 ³ / ₁₆ - 1 ⁷ / ₁₆	IN3181-144	HR-46
	3290	2	42,0	CC-3200	0,9	2 - 1 ³ / ₁₆	IN3200-181	2 - 1 ⁵ / ₈	IN3200-163	HR-50
		2 ³ / ₁₆	45,0	CC-3219	1,0	2 ³ / ₁₆ - 2	IN3219-200	2 ³ / ₁₆ - 1 ³ / ₁₆	IN3219-181	HR-55
	2 ³ / ₈	47,5	CC-3238	1,1	2 ³ / ₈ - 2 ³ / ₁₆	IN3238-219	2 ³ / ₈ - 2	IN3238-200	HR-60	
HXD-60 (6190 Nm)	3840	1 ⁵ / ₈	34,5	CC-6163	1,2	-	-	-	-	-
	4805	1 ³ / ₁₆	39,5	CC-6181	1,3	1 ³ / ₁₆ - 1 ⁵ / ₈	IN6181-163	-	-	HR-46
	5410	2	43,5	CC-6200	1,4	2 - 1 ³ / ₁₆	IN6200-181	2 - 1 ⁵ / ₈	IN6200-163	HR-50
		2 ³ / ₁₆	46,5	CC-6219	1,5	2 ³ / ₁₆ - 2	IN6219-200	2 ³ / ₁₆ - 1 ³ / ₁₆	IN6219-181	HR-55
		2 ³ / ₈	48,5	CC-6238	1,6	2 ³ / ₈ - 2 ³ / ₁₆	IN6238-219	2 ³ / ₈ - 2	IN6238-200	HR-60
	6190	2 ⁹ / ₁₆	52,5	CC-6256	1,8	2 ⁹ / ₁₆ - 2 ³ / ₈	IN6256-238	2 ⁹ / ₁₆ - 2 ³ / ₁₆	IN6256-219	HR-65
		2 ³ / ₄	55,5	CC-6275	1,9	2 ³ / ₄ - 2 ⁹ / ₁₆	IN6275-256	2 ³ / ₄ - 2 ³ / ₈	IN6275-238	HR-70
		2 ¹⁵ / ₁₆	57,5	CC-6293	2,0	2 ¹⁵ / ₁₆ - 2 ³ / ₄	IN6293-275	2 ¹⁵ / ₁₆ - 2 ⁹ / ₁₆	IN6293-256	HR-75
	3 ¹ / ₈	60,5	CC-6313	2,1	3 ¹ / ₈ - 2 ¹⁵ / ₁₆	IN6313-293	3 ¹ / ₈ - 2 ³ / ₄	IN6313-275	HR-80	
HXD-120 (12.500 Nm)	8000	2 ³ / ₁₆	46,5	CC-12219	2,6	2 ³ / ₁₆ - 2	IN12219-200	2 ³ / ₁₆ - 1 ³ / ₁₆	IN12219-181	HR-55
		2 ³ / ₈	48,5	CC-12238	2,7	2 ³ / ₈ - 2 ³ / ₁₆	IN12238-219	2 ³ / ₈ - 2	IN12238-200	HR-60
	9800	2 ⁹ / ₁₆	52,5	CC-12256	2,7	2 ⁹ / ₁₆ - 2 ³ / ₈	IN12256-238	2 ⁹ / ₁₆ - 2 ³ / ₁₆	IN12256-219	HR-65
		2 ³ / ₄	55,5	CC-12275	2,8	2 ³ / ₄ - 2 ⁹ / ₁₆	IN12275-256	2 ³ / ₄ - 2 ³ / ₈	IN12275-238	HR-70
		2 ¹⁵ / ₁₆	57,5	CC-12293	2,9	2 ¹⁵ / ₁₆ - 2 ³ / ₄	IN12293-275	2 ¹⁵ / ₁₆ - 2 ⁹ / ₁₆	IN12293-256	HR-75
	10.860	3	57,5	CC-12300	2,9	3 - 2 ³ / ₄	IN12300-275	3 - 2 ⁹ / ₁₆	IN12300-256	HR-75
		3 ¹ / ₈	60,5	CC-12313	3,0	3 ¹ / ₈ - 2 ¹⁵ / ₁₆	IN12313-293	3 ¹ / ₈ - 2 ³ / ₄	IN12313-275	HR-80
	12.500	3 ³ / ₈	64,5	CC-12338	3,5	3 ³ / ₈ - 3	IN12338-300	3 ³ / ₈ - 2 ¹⁵ / ₁₆	IN12338-293	HR-85
		3 ¹ / ₂	67,5	CC-12350	3,6	3 ¹ / ₂ - 3 ¹ / ₈	IN12350-313	3 ¹ / ₂ - 3	IN12350-300	HR-90
		3 ³ / ₄	70,5	CC-12375	3,7	3 ³ / ₄ - 3 ¹ / ₂	IN12375-350	3 ³ / ₄ - 3 ³ / ₈	IN12375-338	HR-95
3 ⁷ / ₈		73,5	CC-12388	3,8	3 ⁷ / ₈ - 3 ¹ / ₂	IN12388-350	3 ⁷ / ₈ - 3 ³ / ₈	IN12388-338	HR-100	
HXD-240 (24.210 Nm)	14.000	3 ¹ / ₈	62,0	CC-24313 ²⁾	5,1	3 ¹ / ₈ - 2 ¹⁵ / ₁₆	IN24313-293	3 ¹ / ₈ - 2 ³ / ₄	IN24313-275	HR-80
	15.840	3 ³ / ₈	66,0	CC-24338	5,2	3 ³ / ₈ - 3 ¹ / ₈	IN24338-313	3 ³ / ₈ - 3	IN24338-300	HR-85
	16.570	3 ¹ / ₂	69,0	CC-24350	5,2	3 ¹ / ₂ - 3 ¹ / ₈	IN24350-313	3 ¹ / ₂ - 3	IN24350-300	HR-90
	17.320	3 ³ / ₄	72,0	CC-24375	5,4	3 ³ / ₄ - 3 ¹ / ₂	IN24375-350	3 ³ / ₄ - 3 ³ / ₈	IN24375-338	HR-95
	18.050	3 ⁷ / ₈	76,0	CC-24388 ³⁾	5,6	4 ¹ / ₈ - 3 ⁷ / ₈	IN24413-388	3 ⁷ / ₈ - 3 ³ / ₈	IN24388-338	HR-100
	21.000	4 ¹ / ₈	80,0	CC-24413	5,7	4 ¹ / ₈ - 3 ⁷ / ₈	IN24425-388	4 ¹ / ₈ - 3 ³ / ₄	IN24413-375	HR-105
	24.210	4 ¹ / ₄	84,0	CC-24425	6,8	4 ¹ / ₄ - 4 ¹ / ₄	IN24463-425	4 ¹ / ₄ - 3 ³ / ₄	IN24425-375	HR-110
		4 ⁵ / ₈	90,0	CC-24463	7,3	5 - 4 ⁵ / ₈	IN24500-463	4 ⁵ / ₈ - 4 ¹ / ₈	IN24463-413	HR-120
		5	96,0	CC-24500	7,4	-	-	5 - 4 ¹ / ₄	IN24500-425	HR-130

Other Reducer Insert dimensions available upon request.

¹⁾ See the table of hexagon bolt and nut sizes and related thread diameters on page 78.

²⁾ Additional Reducer Insert: 3¹/₈" - 2⁹/₁₆" IN24313-256 fits CC-24313 Cassette. Use HR-80 Holding Ring.

³⁾ Additional Reducer Insert: 3³/₄" - 2⁹/₁₆" IN24375-313 fits CC-24388 Cassette. Use HR-100 Holding Ring.

HXD-Series, Metric Cassettes and Reducer Inserts



Maximum Torque at 800 bar:

24.210 Nm

Hexagon Range:

32 - 130 mm









◀ The optional Reducer Insert must be secured in the Cassette with a Holding Ring.

**CC
IN
HR
Series**



▼ SELECTION CHART

DRIVE UNIT 	INTERCHANGEABLE CASSETTES, METRIC					OPTIONAL ADD-ON REDUCER INSERTS, METRIC						HOLDING RINGS
	Max. Torque (Nm)	Hex. Size ¹⁾ (mm)	Nose Radius D (mm)	Model Number	 (kg)		Model Number		Model Number		Model Number	
HXD-30 (3290 Nm)	1700	32	28,5	CC-332	0,6	–	–	–	–	–	–	–
	2100	36	31,5	CC-336	0,7	–	–	–	–	–	–	–
	2500	41	34,5	CC-341	0,7	41/36	IN3-4136	41/32	IN3-4132	41/30	IN3-4130	HR-41
	2890	46	38,5	CC-346	0,8	46/41	IN3-4641	46/36	IN3-4636	46/32	IN3-4632	HR-46
	3290	50	42,0	CC-350	0,9	50/46	IN3-5046	50/41	IN3-5041	50/36	IN3-5036	HR-50
		55	45,0	CC-355	1,0	55/50	IN3-5550	55/46	IN3-5546	55/41	IN3-5541	HR-55
	60	47,5	CC-360	1,1	60/55	IN3-6055	60/50	IN3-6050	60/46	IN3-6046	HR-60	
HXD-60 (6190 Nm)	3840	41	34,5	CC-641	1,2	41/36	IN6-4136	–	–	–	–	HR-41
	4805	46	39,5	CC-646	1,3	–	–	–	–	–	–	–
	5410	50	43,5	CC-650	1,4	50/46	IN6-5046	50/41	IN6-5041	50/36	IN6-5036	HR-50
		55	46,5	CC-655	1,5	55/50	IN6-5550	55/46	IN6-5546	55/41	IN6-5541	HR-55
		60	48,5	CC-660	1,6	60/55	IN6-6055	60/50	IN6-6050	60/46	IN6-6046	HR-60
	6190	65	52,5	CC-665	1,8	65/60	IN6-6560	65/55	IN6-6555	65/50	IN6-6550	HR-65
		70	55,5	CC-670	1,9	70/65	IN6-7065	70/60	IN6-7060	70/55	IN6-7055	HR-70
		75	57,5	CC-675	2,0	75/70	IN6-7570	75/65	IN6-7565	75/60	IN6-7560	HR-75
	80	60,5	CC-680	2,1	80/75	IN6-8075	80/70	IN6-8070	80/65	IN6-8065	HR-80	
HXD-120 (12.500 Nm)	8000	55	46,5	CC-1255	2,6	55/50	IN12-5550	55/46	IN12-5546	55/41	IN12-5541	HR-55
		60	48,5	CC-1260	2,7	60/55	IN12-6055	60/50	IN12-6050	60/46	IN12-6046	HR-60
	9800	65	52,5	CC-1265	2,7	65/60	IN12-6560	65/55	IN12-6555	65/50	IN12-6550	HR-65
		70	55,5	CC-1270	2,8	70/65	IN12-7065	70/60	IN12-7060	70/55	IN12-7055	HR-70
		75	57,5	CC-1275	2,9	75/70	IN12-7570	75/65	IN12-7565	75/60	IN12-7560	HR-75
		–	–	–	–	–	–	–	–	–	–	–
	10.860	80	60,5	CC-1280	3,0	80/75	IN12-8075	80/70	IN12-8070	80/65	IN12-8065	HR-80
	12.500	85	64,5	CC-1285	3,5	85/80	IN12-8580	85/75	IN12-8575	85/70	IN12-8570	HR-85
		90	67,5	CC-1290	3,6	90/85	IN12-9085	90/80	IN12-9080	90/75	IN12-9075	HR-90
		95	70,5	CC-1295	3,7	95/90	IN12-9590	95/85	IN12-9585	95/80	IN12-9580	HR-95
	100	73,5	CC-12100	3,8	100/95	IN12-10095	100/90	IN12-10090	100/85	IN12-10085	HR-100	
HXD-240 (24.210 Nm)	13.890	80	62,0	CC-2480	5,1	80/75	IN24-8075	80/70	IN24-8070	80/65	IN24-8065	HR-80
	16.030	85	66,0	CC-2485	5,2	85/80	IN24-8580	85/75	IN24-8575	85/70	IN24-8570	HR-85
	16.560	90	69,0	CC-2490	5,2	90/85	IN24-9085	90/80	IN24-9080	90/75	IN24-9075	HR-90
	17.100	95	72,0	CC-2495	5,4	95/90	IN24-9590	95/85	IN24-9585	95/80	IN24-9580	HR-95
	18.170	100	76,0	CC-24100	5,6	100/95	IN24-10095	100/90	IN24-10090	100/85	IN24-10085	HR-100
	20.840	105	80,0	CC-24105	5,7	105/100	IN24-105100	105/95	IN24-10595	105/90	IN24-10590	HR-105
	24.210	110	84,0	CC-24110	5,8	110/105	IN24-110105	110/100	IN24-110100	110/95	IN24-11095	HR-110
		115	87,0	CC-24115	7,1	115/110	IN24-115110	115/105	IN24-115105	115/100	IN24-115100	HR-115
		120	90,0	CC-24120	7,3	120/115	IN24-120115	120/110	IN24-120110	120/105	IN24-120105	HR-120
		125	93,0	CC-24125	7,3	125/120	IN24-125120	125/115	IN24-125115	125/110	IN24-125110	HR-125
130		96,0	CC-24130	7,4	130/125	IN24-130125	130/120	IN24-130120	130/115	IN24-130115	HR-130	

Other Reducer Insert dimensions available upon request.

¹⁾ See the table of hexagon bolt and nut sizes and related thread diameters on page 78.