



UniTorq Actuators - Series UHD

Scotch-Yoke, Double Acting, Hydraulic Actuators -- Imperial Torques

Actuator Model	MOP [psig]	Stroke Position	Operating Pressure (psig)							
			1250	1500	1750	2000	2250	2500	2750	3000
			Output Torque [Lbf.in]							
UHD1/S-*/018/D1	3800	BREAK	9971	11985	13999	16013	18026	20040	22054	24068
		MID	5909	6954	8098	9242	10386	11530	12674	13819
		END	9165	10993	12824	14654	16485	18316	20146	21977
UHD1/A-*/018/D1	2600	BREAK	15919	19092	22265	25439	28612	31785		
		MID	5809	6954	8098	9242	10386	11530		
		END	771	9266	10822	12378	13934	15490		
UHD1/S-*/020/D1	3000	BREAK	13122	15655	18187	20720	23252	25785	28317	30850
		MID	7458	8953	10448	11943	13438	14933	16428	17923
		END	11906	14256	16605	18954	21304	23653	26002	28352
UHD1/A-*/020/D1	2100	BREAK	20554	24658	28762	32866				
		MID	7505	8985	10465	11945				
		END	11755	13189	14623	16057				
UHD2/S-*/020/D1	4000	BREAK	16870	20226	23582	26939	30295	33651	37007	40364
		MID	9740	11678	13615	15553	17490	19428	21365	23303
		END	15361	18458	21554	24651	27748	30845	33942	37039
UHD2/A-*/020/D1	2800	BREAK	22694	32049	37404	42758	48113	53468	58823	
		MID	9749	11687	13624	15562	17499	19437	21374	
		END	13012	15605	18199	20792	23385	25979	28572	
UHD2/S-*/024/D1	2800	BREAK	19041	22824	26608	30391	34175	37958	41741	
		MID	10910	13122	15334	17546	19758	21970	24182	
		END	17374	20852	24330	27809	31287	34765	38244	
UHD2/A-*/024/D1	2000	BREAK	30130	26156	42182	48208				
		MID	19061	13153	15345	17537				
		END	14669	17603	20537	23471				
UHD3/S-*/024/D1	4800	BREAK	24331	29167	34003	38839	43675	48511	53347	58183
		MID	13991	16798	19605	22412	25219	28026	30833	33640
		END	22167	26622	31076	35531	39986	44440	48895	55350
UHD3/A-*/024/D1	3300	BREAK	38521	46225	53929	61633	69337	77041	84745	92450
		MID	14039	16830	19622	22414	25206	27998	30789	33581
		END	9012	15877	22742	29607	36472	43338	50203	57068
UHD3/S-*/028/D1	3500	BREAK	38084	45681	53279	60876	68473	76071	83668	91265
		MID	21998	26377	30755	35133	39512	43890	48268	52647
		END	34818	41775	48732	55688	62645	69601	76558	83515
UHD3/A-*/028/D1	2500	BREAK	60398	72466	84533	96600	108667	120735		
		MID	22046	26409	30772	35135	39498	43861		
		END	29367	35241	41114	46988	52861	58734		

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UHD3/S-*/030/D1	3300	BREAK	53654	64363	75073	85782	96492	107201	117911	128620
		MID	30972	371581	43330	49508	55687	61865	68044	7422
		END	49056	58865	68675	78484	88294	98103	107912	117722
UHD3/A-*/030/D1	2100	BREAK	85095	102105	119115	136125				
		MID	30934	37127	43321	49515				
		END	41500	49738	57976	66214				
UHD5/S-*/035/D1	3700	BREAK	86676	104021	121367	138713	156059	173404	190750	208096
		MID	50039	60046	70054	80062	90070	100077	110085	120093
		END	79312	95178	111044	126910	142776	158642	174508	190374
UHD5/A-*/035/D1	2600	BREAK	137649	165139	192630	220121	247612	275103		
		MID	50039	60046	70054	80062	90070	100077		
		END	66932	80311	93690	107069	120449	133828		
UHD5/S-*/040/D1	3000	BREAK	113875	136652	159429	182205	204982	227759	250536	273312
		MID	65669	78835	92000	105166	118332	131497	144663	157829
		END	104226	125050	145874	166699	187523	208347	229171	249995
UHD5/A-*/040/D1	2000	BREAK	180769	216895	253020	289146				
		MID	65583	78779	91975	105171				
		END	87792	105412	123033	140653				
UHD6/S-*/043/D1	4900	BREAK	192477	230967	269458	307948	346438	384928	423418	461908
		MID	111097	133309	155522	177734	199946	222158	244371	266583
		END	176104	211314	246524	281734	316945	352155	387365	422575
UHD6/A-*/043/D1	3400	BREAK	305363	366462	427561	488660	549759	610858	671957	733056
		MID	111002	133244	155487	177730	199973	222216	244459	266701
		END	148382	178161	207941	237720	267499	297278	327057	356836
UHD6/S-*/049/D1	3800	BREAK	229528	275447	321367	367287	413206	459126	505046	550965
		MID	132448	158963	185477	211991	238506	265020	291535	318049
		END	210021	252020	294019	336018	378017	420016	462015	504014
UHD6/A-*/049/D1	2600	BREAK	364292	437138	509984	582830	655676	728522		
		MID	132392	158921	185451	211981	238510	265040		
		END	177320	212713	248107	283500	318893	354286		
UHD6/S-*/055/D1	3000	BREAK	305625	366739	427854	488968	550082	611197	672311	733425
		MID	176391	211663	246934	282205	317476	352747	388019	423290
		END	279605	335517	391429	447342	503254	559166	615078	670990
UHD6/A-*/055/D1	2100	BREAK	484908	581904	678900	775895				
		MID	176391	211663	246934	282205				
		END	235850	283036	330222	377408				

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UHD6/S-*/065/D1	3600	BREAK	420359	504448	588538	672627	756717	840806	924895	1008985
		MID	242547	291106	339665	388223	436782	485341	533900	582459
		END	384614	461533	538453	615372	692291	769210	846130	923049
UHD6/A-*/065/D1	2400	BREAK	667100	800511	933922	1067333	1200745			
		MID	242577	291120	339664	388208	436751			
		END	324480	389378	454276	519173	584071			
UHD7/S-*/080/D1	2800	BREAK	875551	1050579	1225608	1400637	1575665	1750694	1925723	
		MID	492853	598774	704694	810615	916535	1022455	1128376	
		END	800448	960786	1121123	1281461	1441798	1602136	1762473	
UHD7/A-*/080/D1	1850	BREAK	1389091	1666909	1944727					
		MID	505228	606273	707319					
		END	675681	810817	945953					
		BREAK								
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