MOVECO®

ROTARY ACTUATORS
HYDRAULIC COMPONENTS

HELICAL ROTARY ACTUATORS

TECHNICAL CATALOGUE

HELICAL ROTARY ACTUATORS RANGE

Welcome to our range of Helical Rotary Actuators, designed to deliver high performance in demanding mobile and industrial applications.

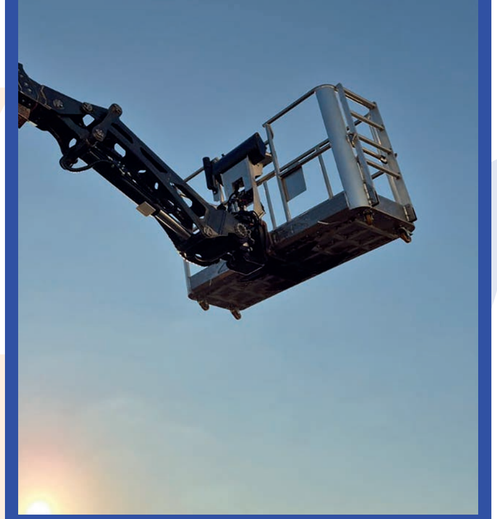
Thanks to their internal construction with advanced technology, these actuators ensure precise, compact, and powerful motion minimizing space requirements and maintenance.

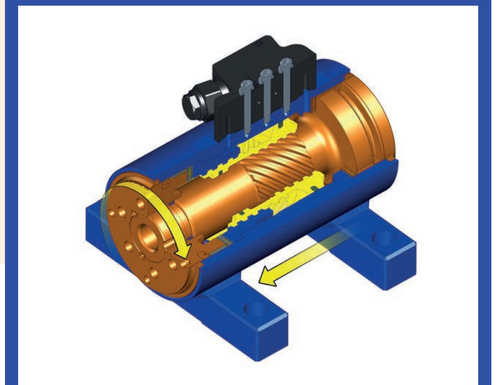
In this brochure, you will find a selection of models tailored to different needs, with customizable solutions to optimize every process.

Reliability, efficiency and innovation are the pillars of our offer, ensuring top performances in each application: construction, mining, agricultural, marine, nautical, industrial, aerial working platforms, cranes, road equipments, garbage collection and many others.

Explore our range and find the perfect actuator suitable for your needs!

MOVECO®
ROTARY ACTUATORS
HYDRAULIC COMPONENTS

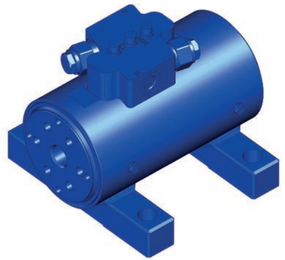


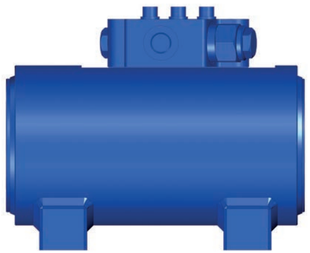


MOVECO
ROTARY ACTUATORS
HYDRAULIC COMPONENTS

ARP SERIES

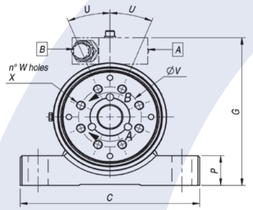
AERIAL WORKING PLATFORMS AND MORE

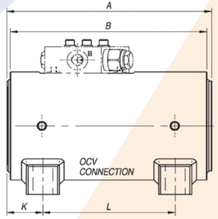


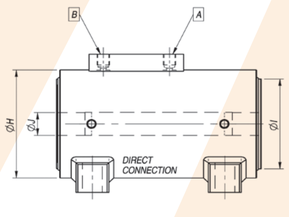


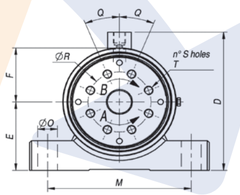
VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
VALUES IN ORANGE ARE EXPRESSED IN THE "IMPERIAL SYSTEM"

CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]		CAPACITY [N] [lb]		MOMENT [Nm] [in-lb]		DISPLACEMENT [cm³] [in³]	APPROXIMATE WEIGHT [kg] [lb]	PORTS POSSIBLE CONFIGURATION	
	ACTIVE	HOLDING	AXIAL (THRUST)	RADIAL	STRADDLE	CANTILEVER	180°	180°	OCV	DIRECT
RP17/…	505	730	5000	14000	2800	1400	117	~12	1/4 G	1/4 G
	4469	6460	1124	3146	24780	12390	7,13	~26.46	7/16-20 UNF	7/16-20 UNF
RP.24/…	960	1380	6000	20000	4800	2800	222	~18	1/4 G	1/4 G
	8496	12213	1348	4494	42480	24780	13,53	~39.68	7/16-20 UNF	7/16-20 UNF
RP.33/…	1865	2670	8000	30000	12000	5400	421	~31.5	1/4 G	1/4 G
	16505	23630	1798	6742	106200	47790	25,67	~69.45	7/16-20 UNF	7/16-20 UNF
RP.40/…	3100	4500	15000	60000	18000	11500	692	~51	1/4 G	1/4 G
	27435	39825	3371	13483	159300	101775	42.20	~112.43	7/16-20 UNF	7/16-20 UNF
RP.46/…	4800	7100	18000	100000	32000	16000	1101	~87	1/4 G	1/4 G
	42480	62835	4045	22471	283200	141600	67,13	~191.80	7/16-20 UNF	7/16-20 UNF

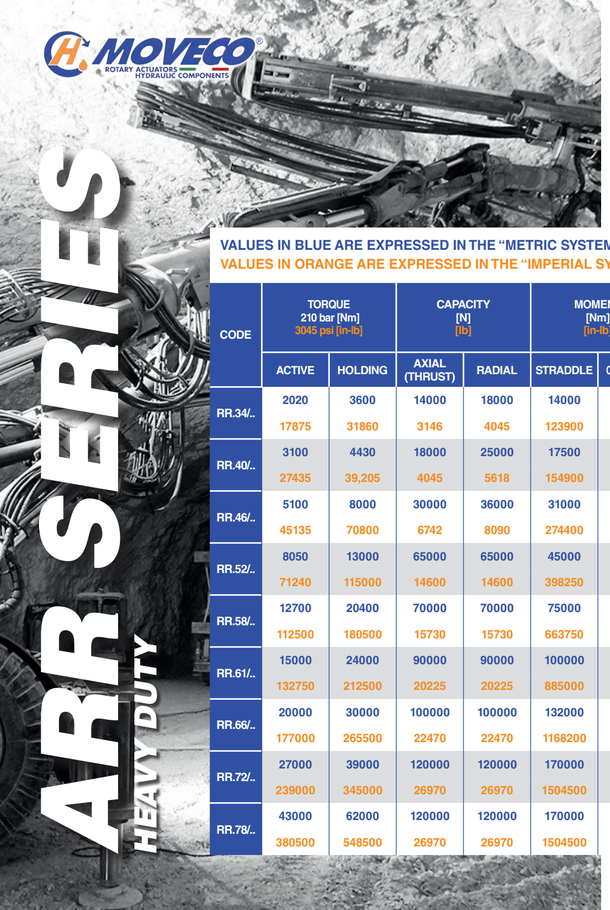






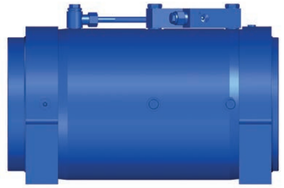


A (mm) [inch]	B (mm) [inch]	C (mm) [inch]	D (mm) [inch]	E (mm) [inch]	F (mm) [inch]	G (mm) [inch]	ØH (mm) [inch]	ØI (mm) [inch]	ØJ (mm) [inch]	K (mm) [inch]	L (mm) [inch]	M (mm) [inch]	ØO (mm) [inch]	P (mm) [inch]	Q [°]	ØR (mm) [inch]	S	T (mm) [inch]	U [°]	ØV (mm) [inch]	W	X (mm) [inch]
180°	180°										180°											
188	178	178	134.5	66	50.5	146.5	101	84	19.3	36	116	142	17	28	30	54	6	M10 depth 20	30	54	6	M10 depth 16
7.40	7.00	7.00	5.30	2.60	2.00	5.77	3.98	3.30	0.76	1.42	4.57	5.60	0.67	1.10		2.12		3/8-16 depth 0.79		2.12		3/8-16 depth 0.63
216	208	190	153.5	76	60	165.5	120	100	25.4	38	140	152	21	33	22.5	66.7	8	M10 depth 18	22.5	66.7	8	M10 depth 16
8.52	8.19	7.48	6.04	2.99	2.36	6.52	4.72	3.94	1	1.50	5.51	5.98	0.83	1.30		2.63		3/8-16 depth 0.71		2.63		3/8-16 depth 0.63
248	238	247	176.5	86	72.5	188.5	145	120	25.4	47	153	197	26	38	22.5	85.7	8	M12 depth 20	22.5	85.7	8	M12 depth 16
9.76	9.37	9.72	6.95	3.39	2.85	7.42	5.71	4.72	1	1.85	6.02	7.76	1.02	1.50		3.37		1/2-13 depth 0.79		3.37		1/2-13 depth 0.71
298	287	270	209.5	108	83.5	221.5	167	140	/	57	184	222	26	48	22.5	102	8	M20 depth 30	22.5	108	8	M12 depth 19
11.73	11.30	10.63	8.25	4.25	3.29	8.72	6.58	5.51	/	2.24	7.24	8.74	1.02	1.89		4.01		3/4-10 depth 1.18				1/2-13 depth 0.75
337	322.5	330	239	121	100	249.5	200	165	/	60.5	216	267	32	68	18	121	10	M20 depth 28	18	121	10	M16 depth 23
13.27	12.70	12.99	9.41	4.76	3.94	9.82	7.87	6.50	/	2.38	8.50	10.51	1.26	2.68		4.76		3/4-10 depth 1.18		4.76		5/8-11 depth 0.91



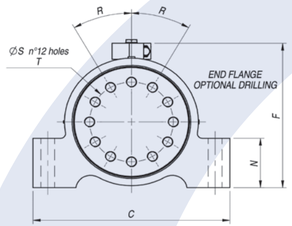
ARR SERIES

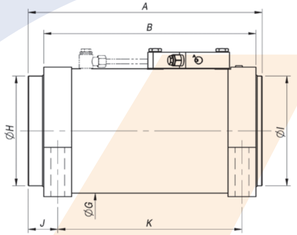
HEAVY DUTY

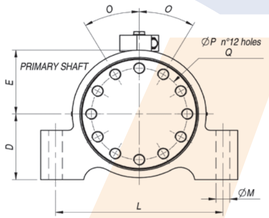


VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
VALUES IN ORANGE ARE EXPRESSED IN THE "IMPERIAL SYSTEM"

CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]		CAPACITY [N] [lb]		MOMENT [Nm] [in-lb]		DISPLACEMENT [cm³] [in³]			APPROXIMATE WEIGHT [kg] [lb]			VALVE PORTS POSSIBLE CONFIGURATION	
	ACTIVE	HOLDING	AXIAL (THRUST)	RADIAL	STRADDLE	CANTILEVER	180°	270°	360°	180°	270°	360°	OCV	DIRECT
RR.34/..	2020	3600	14000	18000	14000	5500	461	692	920	~38	46	53	1/4 G	1/4 G
	17875	31860	3146	4045	123900	48700	27,66	41,50	55,30	~77.90	94,30	108,65	7/16-20 UNF	7/16-20 UNF
RR.40/..	3100	4430	18000	25000	17500	7500	716	1075	1432	~60	72	84	1/4 G	1/4 G
	27435	39,205	4045	5618	154900	66400	42,96	64,45	85,92	~123.00	147,60	172,20	7/16-20 UNF	7/16-20 UNF
RR.46/..	5100	8000	30000	36000	31000	12000	1161	1740	2320	~86	103	~120	3/8 G	3/8 G
	45135	70800	6742	8090	274400	106200	69,66	104,40	139,20	~176.30	211,15	~246.00	9/16-18 UNF	9/16-18 UNF
RR.52/..	8050	13000	65000	65000	45000	20000	1824	2726	3648	~124	~144	~171	3/8 G	3/8 G
	71240	115000	14600	14600	398250	177000	109,44	163,56	218,88	~254.2	~295.2	~350.55	9/16-18 UNF	9/16-18 UNF
RR.58/..	12700	20400	70000	70000	75000	30000	3022	4533	6044	~185	~220	~262	3/8 G	3/8 G
	112500	180500	15730	15730	663750	265500	181,32	251,46	362,64	~379.25	~451.00	537.10	9/16-18 UNF	9/16-18 UNF
RR.61/..	15000	24000	90000	90000	100000	40000	3605	5410	7210	~225	270	314	3/8 G	3/8 G
	132750	212500	20225	20225	885000	354000	216,30	324,60	432,60	461,25	553,50	643,70	9/16-18 UNF	9/16-18 UNF
RR.66/..	20000	30000	100000	100000	132000	58000	4513	6748	8983	~300	360	~420	3/8 G	3/8 G
	177000	265500	22470	22470	1168200	513300	270,78	404,88	538,98	~615.00	738,00	~861.00	9/16-18 UNF	9/16-18 UNF
RR.72/..	27000	39000	120000	120000	170000	75000	5893	8791	11737	~390	465	~540	3/8 G	3/8 G
	239000	345000	26970	26970	1504500	664000	353,58	527,46	704,22	~800.00	953,25	~1107.00	9/16-18 UNF	9/16-18 UNF
RR.78/..	43000	62000	120000	120000	170000	75000	9564	/	/	~544	/	/	3/8 G	3/4 G
	380500	548500	26970	26970	1504500	664000	573,84	/	/	~1115.20	/	/	9/16-18 UNF	7/8-14 UNF







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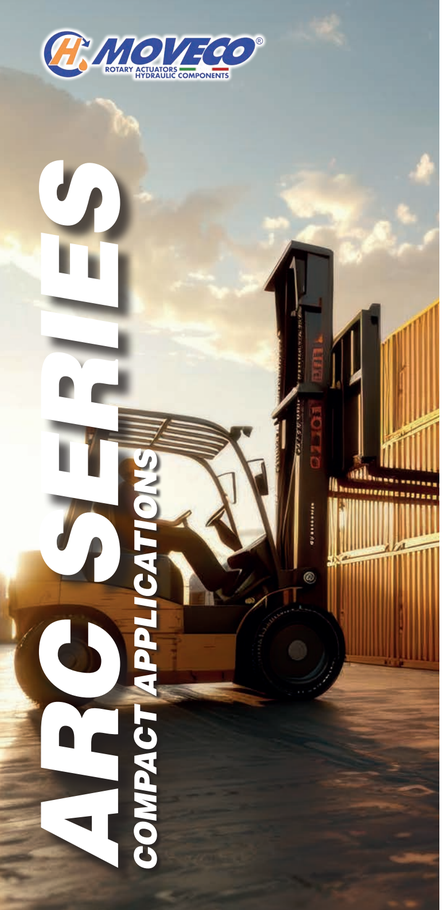
180°	270°	360°	180°	270°	360°									180°	270°	360°									
298	356	445	266.5	323,5	413,5	222	80	77.5	~183	149	139	125	38	229	287	376	190	17	48	30	115	M12 depth 18	30	108	M10 depth 15
11.73	13.98	17.5	10.49	12.72	16.28	8.74	3.15	3.05	~7.20	5.87	5.47	4.92	1.50	9.02	11.30	14.80	7.48	0.67	1.89		4.53	1/2-13UNC depth 0.75		4.25	3/8-16UNC depth 0.56
323	385	482	292.5	354.5	451.5	268	95	91	~214	177	150	150	44	248	310	407	230	21	70	30	125	M16 depth 25	30	120	M12 depth 18
12.72	15.16	18.98	11.52	13.96	17.78	10.55	3.74	3.58	~8.43	6.97	5.90	5.90	1.73	9.76	12.20	16.02	9.06	0.83	2.76		4.92	5/8-11UNC depth 0.94		4.72	1/2-13UNC depth 0.75
365	436	538	323	394	496	310	108	104	~244	202	183	183	50	281	352	454	260	23	78	30	150	M20 depth 35	30	133	M16 depth 25
14.37	17.17	21.18	12.72	15.51	19.53	12.20	4.25	4.09	~9.61	7.95	7.20	7.20	1.97	11.06	13.86	17.87	10.24	0.91	3.07		5.90	3/4-10UNC depth 1.13		5.24	5/8-11UNC depth 0.94
413	501	615	381	469	583	350	122	118	~271	228	209	205	57	314	402	516	300	26	78	30	170	M22 depth 31	30	170	M20 depth 26
16.26	19.72	24.21	15.00	18.46	22.95	13.78	4.80	4.65	~10.67	8.98	8.23	8.07	2.24	12.36	15.83	20.31	11.81	1.02	3.07		6.69	7/8-9UNC depth 1.31		6.69	3/4-10UNC depth 1.13
475	581	705	431	537	661	400	140	136	~308	265	234	234	60	374	480	604	340	28	105	30	195	M24 depth 36	30	170	M22 depth 33
18.70	22.87	27.76	16.97	21.14	26.02	15.75	5.51	5.35	~12.13	10.43	9.21	9.21	2.36	14.72	18.90	23.78	13.39	1.10	4.13		7.68	1-8UNC depth 1.38		6.69	7/8-9UNC depth 1.31
524	638	782	463	577	721	447	154	151	~324	270	263	263	74	400	514	658	380	33	110	30	216	M27 depth 41	30	190	M24 depth 36
20.63	25.10	30.79	18.23	22.72	28.39	17.60	6.06	5.94	~12.76	10.63	10.35	10.35	2.91	15.75	20.24	25.91	14.96	1.30	4.33		8.50	1 1/8-7UNC depth 1.69		7.48	1-8UNC depth 1.38
554	662	836	493	601	775	484	165	162	~352	303	288	288	76.5	426	534	708	410	37	120	30	240	M27 depth 41	30	210	M24 depth 36
21.81	26.06	32.91	19.41	23.66	30.51	19.06	6.5	6.38	~13.86	11.23	11.34	11.34	3.01	16.77	21.02	27.87	16.14	1.46	4.72		9.45	1 1/8-7UNC depth 1.69		8.27	1-8UNC depth 1.38
600	722	906	534	656	840	530	184	178	~383	327	310	310	80	460	582	766	450	39	135	30	255	M30 depth 45	30	230	M27 depth 40
23.62	28.43	35.67	21.02	25.83	33.07	20.87	7.24	7.00	~15.08	12.87	12.20	12.20	3.15	18.11	22.91	30.16	17.72	1.54	5.31		10	1 1/4-7UNC depth 1.88		9.06	1 1/8-7 UNC depth 1.69
906	/	/	840	/	/	530	184	178	~393	327	310	310	80	766	/	/	450	39	135	30	254	M30 depth 45	30	230	M27 depth 41
35.67	/	/	33.07	/	/	20.87	7.24	7.00	~15.47	12.87	12.20	12.20	3.15	30.16	/	/	17.72	1.54	5.31		10	1 1/4-7UNC depth 1.88		9.06	1 1/8-7 UNC depth 1.69



VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
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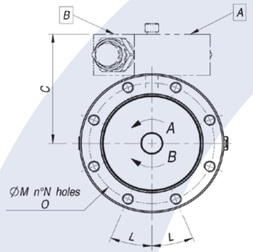
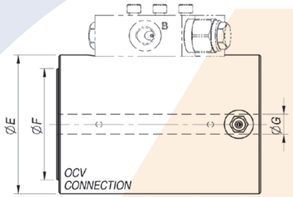
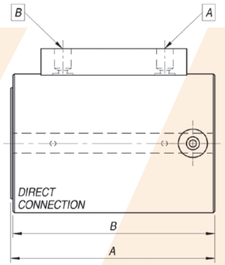
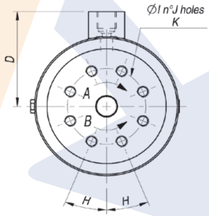
CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]		CAPACITY [N] [lb]		MOMENT [Nm] [in-lb]		DISPLACEMENT [cm³] [in³]		APPROXIMATE WEIGHT [kg] [lb]		PORTS POSSIBLE CONFIGURATION	
	ACTIVE	HOLDING	AXIAL (THRUST)	RADIAL	STRADDLE	CANTILEVER	180°	360°	180°	360°	OCV	DIRECT
RC.10/...	210	320	10000	10000	/	600	55	108	~7	~9	1/4 G	1/4 G
	1859	2832	2248	2248	/	5310	3,36	6,59	15,43	19,84	7/16-20 UNF	7/16-20 UNF
RC.14/...	400	620	13500	13500	/	1020	116	232	~11	~14	1/4 G	1/4 G
	3540	5487	3034	3034	/	9027	7,08	14,16	24,25	30,86	7/16-20 UNF	7/16-20 UNF
RC.23/...	700	1100	20000	20000	/	2300	179	354	~15	~20	1/4 G	1/4 G
	6195	9736	4496	4496	/	20357	10,92	21,6	33,07	44,09	7/16-20 UNF	7/16-20 UNF
RC.27/...	1200	1900	40000	40000	/	6900	319	637	~27	~35	1/4 G	1/4 G
	10620	16816	8992	8992	/	61070	19,46	38,87	59,52	77,16	7/16-20 UNF	7/16-20 UNF
RC.32/...	1800	2800	50000	50000	/	9100	465	925	~45	~61	1/4 G	1/4 G
	15931	24782	11240	11240	/	80541	28,38	56,45	99,21	134,48	7/16-20 UNF	7/16-20 UNF
RC.40/...	3100	4700	70000	70000	/	11500	836	1671	~57	~78	1/4 G	1/4 G
	27437	41598	15737	15737	/	101784	51,02	101,97	125,66	171,96	7/16-20 UNF	7/16-20 UNF

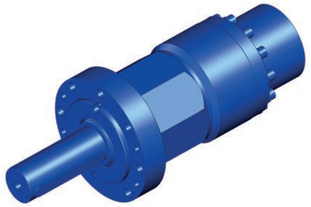


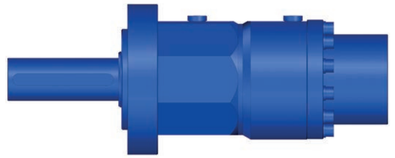






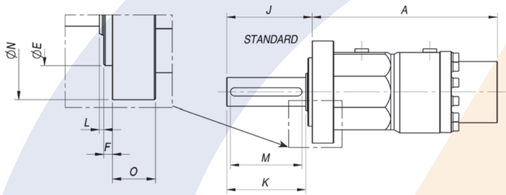
A (mm) [inch]		B (mm) [inch]		C (mm) [inch]	D (mm) [inch]	ØE (mm) [inch]	ØF (mm) [inch]	ØG (mm) [inch]	H [°]	Øl (mm) [inch]	J	K (mm) [inch]	L [°]	ØM (mm) [inch]	N	O (mm) [inch]
180°	360°	180°	360°													
140	177	138,5	175,5	~79.5	~67.5	99	80	14	22,5	54	8	M8 depth 12	22,5	86	8	M8 depth 10
5,51	6,97	5,43	6,91	~3.13	~2.66	3,90	3,14	0,55		2,13		5/16-18 depth 0.50		3,39		5/16-18 depth 0.40
143	189	141,5	187,5	~89.7	~77.7	119,3	100	16,7	22,5	73	8	M8 depth 15	22,5	103,2	8	M8 depth 15
5,63	7,44	5,57	7,38	~3.53	~3.06	4,70	3,94	0,66		2,87		5/16-18 depth 0.60		4,06		5/16-18 depth 0.60
156	212	154,5	210,5	~97.5	~85.5	135	110	21	15	80	12	M10 depth 14	15	117	12	M10 depth 14
6,14	8,35	6,08	8,29	~3.84	~3.37	5,31	4,33	0,83		3,13		3/8-16 depth 0.55		4,63		3/8-16 depth 0.55
184	258	179,5	253,5	~115	~103	170	140	36	15	102	12	M12 depth 19	15	151	12	M12 depth 19
7,24	10,16	7,07	9,98	~4.53	~4.06	6,69	5,50	1,42		4,00		1/2-13 depth 0.75		5,94		1/2-13 depth 0.75
224	311	219,5	306,5	~129	~117	198	160	46	15	127	12	M12 depth 19	15	175	12	M12 depth 19
8,82	12,24	8,64	12,07	~5.08	~4.61	7,80	6,30	1,81		5,00		1/2-13 depth 0.75		6,88		1/2-13 depth 0.75
241	346	234,5	339.5	~143	~131	226	180	67	15	140	12	M16 depth 25	15	203	12	M12 depth 19
9,49	13,62	9,23	13,37	~5.63	~5.16	8,90	7,09	2,64		5,50		5/8-11 depth 1.00		8,00		1/2-13 depth 0.75

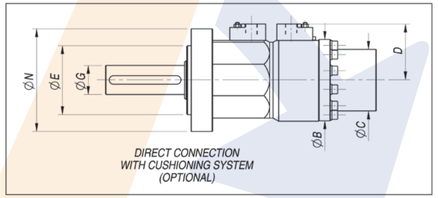




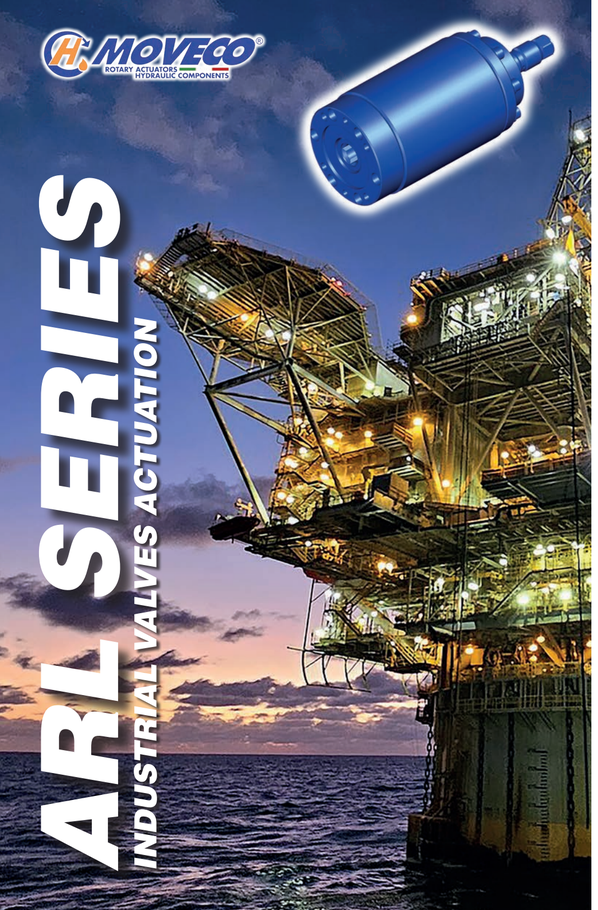
VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
VALUES IN ORANGE ARE EXPRESSED IN THE "IMPERIAL SYSTEM"

CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]		CAPACITY [N] [lb]		DISPLACEMENT [cm³] [in³]		APPROXIMATE WEIGHT [kg] [lb]		PORTS POSSIBLE CONFIGURATION	
	ACTIVE	HOLDING	AXIAL (THRUST)	RADIAL	180°	360°	180°	360°	DIRECT	CUSHIONED
RM.10/…	210	300	8000	1600	45	89	~5	~6	1/8 G	1/4 G
	1859	2655	1800	360	2,75	5,43	~11	~13		
RM.14/…	340	520	10000	3000	75	149	~7	~8	1/8 G	1/4 G
	3010	4600	2250	675	4,58	9,09	~15.5	~17.5		
RM.20/…	657	1000	14000	4000	140	280	~12	~15	1/4 G	1/4 G
	5815	8850	3145	900	8,54	17,09	~26.5	~33		
RM.29/…	1280	2100	19000	7500	289	579	~19	~23	1/4 G	3/8 G
	11330	18585	4270	1685	17,64	35,33	~42	~50.5		
RM.37/…	2555	3900	25000	12000	554	1100	~30	~40	1/2 G	1/2 G
	22610	34500	5620	2700	33,81	67,13	~66	~88		
RM.48/…	5700	8700	35000	18000	1217	2435	~59	~72	1/2 G	1/2 G
	50450	77000	7870	4050	74,27	148,59	~130	~158.5		
RM.53/…	7850	12000	41000	21000	1752	3500	~83	~102	1/2 G	1/2 G
	69500	106200	9215	4720	106,91	213,58	~183	~225		
RM.57/…	12000	20000	47000	37000	2673	5350	~140	~172	3/4 G	1/2 G
	106200	177000	10565	8315	163,12	326,48	~308.5	~379		
RM.67/…	22200	31750	62000	67000	4760	9520	~215	~264	3/4 G	1 G
	196500	281000	13940	15050	290,47	580,95	~474	~582		





A (mm) [inch]		ØB (mm) [inch]	ØC (mm) [inch]	D (mm) [inch]	ØE (mm) [inch]	F (mm) [inch]	ØG (mm) [inch]	H (mm) [inch]	I (mm) [inch]	J (mm) [inch]	K (mm) [inch]	L (mm) [inch]	M (mm) [inch]	ØN (mm) [inch]	O (mm) [inch]	P (mm) [inch]	Q	R (mm) [inch]	S [°]
180°	360°																		
"173 *186" "6.81 *7.32"	245 9,65	69 2,72	49 1,93	~56 2,20	55 2,17	4 0,16	22 0,87	8 0,31	28 1,10	57 2,24	50 1,97	3 0,12	45 1,77	98 3,86	14 0,55	84 3,31	5	Ø9 through Ø0.35 through	60
"175 *188" "6.89 *7.40"	251 9,88	79 3,11	55 2,17	~62 2,44	68 2,68	4 0,16	28 1,1	8 0,31	34 1,34	67 2,64	60 2,36	3 0,12	50 1,97	108 4,25	16 0,63	90 3,54	5	Ø9 through Ø0.35 through	60
230 9,06	320 12,6	97 3,82	72 2,83	~69 2,72	80 3,15	5 0,20	35 1,38	10 0,39	41 1,61	89 3,50	80 3,15	4 0,16	70 2,76	128 5,04	19 0,75	108 4,25	5	Ø11 through Ø0.43 through	60
258 10,16	350 13,78	119 4,69	89 3,5	~82 3,23	100 3,94	6 0,24	42 1,65	12 0,47	48 1,89	119 4,69	110 4,33	3 0,12	100 3,94	149 5,87	30 1,18	130 5,12	7	Ø11 through Ø0.43 through	45
"299 *310" "11.77 *12.20"	434 17,09	147 5,79	109 4,29	~99 3,90	115 4,53	6 0,24	55 2,17	16 0,63	63 2,48	120 4,72	110 4,33	4 0,16	100 3,94	177 6,97	31 1,22	155 6,1	7	Ø13 through Ø0.51 through	45
376 14,80	576 22,68	178 7,01	134 5,28	~115 4,53	150 5,91	8 0,31	70 2,76	20 0,79	79 3,11	152 5,98	140 5,51	4 0,16	120 4,72	222 8,74	37 1,46	195 7,68	8	Ø18 through Ø0.71 through	40
"405 *416" "15.94 *16.38"	605 23,82	205 8,07	158 6,22	~128 5,04	180 7,09	8 0,31	80 3,15	22 0,87	90 3,54	182 7,17	170 6,69	4 0,16	160 6,30	249 9,8	39 1,54	220 8,66	8	Ø18 through Ø0.71 through	40
476 18,74	726 28,58	219 8,62	172 6,77	~135.5 5,33	190 7,48	12 0,47	100 3,94	28 1,1	112 4,41	227 8,94	210 8,27	5 0,20	200 7,87	278 10,94	42 1,65	245 9,65	8	Ø22 through Ø0.87 through	40
598 23,54	874 34,41	275 10,83	212 8,35	~163.5 64,37	235 9,25	12 0,47	120 4,72	32 1,26	134 5,28	227 8,94	210 8,27	5 0,20	200 7,87	325 12,80	54 2,13	290 11,42	11	Ø22 through Ø0.87 through	30



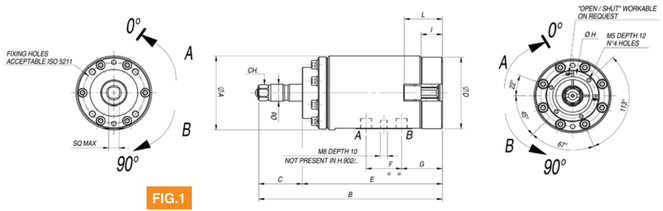


FIG.1

VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
VALUES IN ORANGE ARE EXPRESSED IN THE "IMPERIAL SYSTEM"

	CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]	PRESSIONE [bar] PRESSURE [psi]	CILINDRATA[cm³] DISPLACEMENT[in³]	PESO APPROSSIMATIVO [kg] APPROXIMATE WEIGHT [lb]	ATTACCHI STD. PORTS
		ACTIVE	MIN/MAX	90°	90°	DIRECT
FIG.1	H.902/...	45 652	30÷160 435÷2320	13 0,78	~3 ~6.5	1/8 /
	RL.14/...	107 1551	30÷160 435÷2320	28 1,71	~6 ~13	1/4 7/16-20 UNF
	RL.16/...	200 2900	30÷160 435÷2320	57 3,48	~9 ~19	1/4 7/16-20 UNF
	RL.26/...	465 6744	30÷160 435÷2320	110 7,26	~11 ~27,5	1/4 7/16-20 UNF
FIG.2	RL.32/...	790 11457	30÷160 435÷2320	179 10,9	~19 ~42	1/4 7/16-20 UNF
	RL.36/...	1160 16824	30÷160 435÷2320	262 16	~27 ~59,5	1/4 7/16-20 UNF
	RL.44/...	2220 32198	30÷160 435÷2320	499 30,45	~35 ~77	1/4 7/16-20 UNF
FIG.3	RL.52/...	3258 47253	30÷160 435÷2320	776 47,4	~59 ~130	1/4 7/16-20 UNF
	RL.60/...	5840 84702	30÷160 435÷2320	1386 84,6	~95 ~209	3/8 9/16-18 UNF
	RL.67/...	11500 166793	30÷160 435÷2320	2307 140,78	~145 ~319	3/8 9/16-18 UNF
	RL.78/...	22770 329235	30÷160 435÷2320	4977 303,72	~258 ~569	1/2 3/4-16 UNF
	RL.86/...	40700 590303	30÷160 435÷2320	9896 603.9	~465 ~1025	1/2 3/4-16 UNF

FIG.2

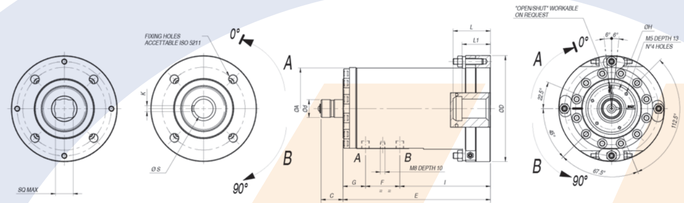
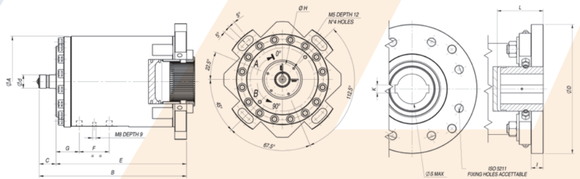


FIG.3



Ø A (mm) [inch]	B (mm) [inch]	C (mm) [inch]	Ød (mm) [inch]	ØD (mm) [inch]	E (mm) [inch]	F (mm) [inch]	G (mm) [inch]	ISO 5211	CH.(mm) [inch]	SQ.(mm) [inch]	ØH(mm) [inch]	I(mm) [inch]	L (mm) [inch]
64	148	10	12	64	138	35	48	F03-F05	12	11	32	10	17
2.51	5.82	0.39	0.47	2.51	5.43	1.37	1.89	/	0.47	0.43	1.26	0.39	0.67
87	207	49	20	84	158	40	46	F05-F07	17	14	52	20	39
3.42	8.14	1.92	0.78	3.31	6.22	1.57	1.81	/	0.67	0.55	2.04	0.78	1.53
101	219	49	25	119	170	40	55	F07-F10	22	18	52	29	39
3.97	8.62	1.92	0.98	3.89	6.70	1.57	2.16	/	0.86	0.70	2.04	1.14	1.53
114	230	49	25	149	181	45	59	F07-F10-F12	22	24	52	30	45
4.48	9.05	1.92	0.98	4.68	7.12	1.77	2.32	/	0.86	0.95	2.04	1.18	1.77

Ø A (mm) [inch]	B (mm) [inch]	C (mm) [inch]	Ød (mm) [inch]	ØD (mm) [inch]	E (mm) [inch]	F (mm) [inch]	G (mm) [inch]	ØH (mm) [inch]	ISO 5211	I(mm) [inch]	SQ.(mm) [inch]	K(mm) [inch]	ØS(mm) [inch]	L1 (mm) [inch]	L (mm) [inch]
132	257	37	30	169	220	58	37	70	F10-F12	124	36	10	35	48	63
5.19	10.11	1.45	1.18	6.65	8.66	2.28	1.45	2.75	/	4.88	1.41	0.39	1.37	1.89	2.48
137	286	37	30	179	249	58	38	70	F12-F14	153	44	14	46	48	63
5.39	11.25	1.45	1.18	7.04	9.80	2.28	1.49	2.75	/	6.02	1.73	0.55	1.81	1.89	2.87
151	335	37	30	199	298	75	38	70	F14-F16	185	52	16	55	53	73
594	13.18	1.45	1.18	7.83	11.73	2.95	1.49	2.75	/	7.28	2.04	0.62	2.16	2.08	2.87

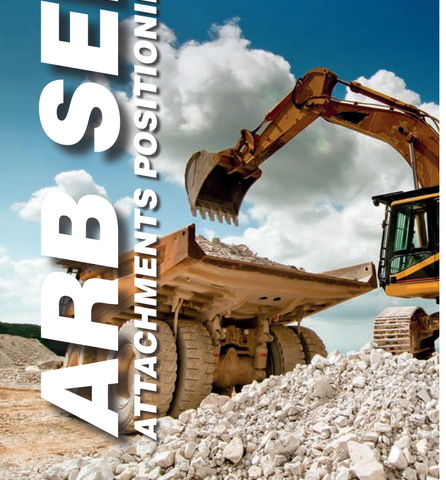
Ø A (mm) [inch]	B (mm) [inch]	C (mm) [inch]	Ød (mm) [inch]	ØD (mm) [inch]	E (mm) [inch]	F (mm) [inch]	G (mm) [inch]	ISO 5211	I(mm) [inch]	ØS(mm) [inch]	ØH(mm) [inch]	K(mm) [inch]	L (mm) [inch]
203	324	37	30	278	287	66	51	F16-F25	40	65	70	20	114
7.99	12.75	1.45	1.18	10.94	11.29	2.59	2.00	/	1.57	2.55	2.75	0.78	4.48
228	386	37	30	328	349	82	51	F16-F25-F30	50	80	70	22	137
8.97	15.19	1.45	1.18	12.91	13.74	3.22	2.00	/	1.96	3.14	2.75	0.86	5.39
265	460	37	30	348	423	120	51	F25-F30	38	110	70	25	155
10.43	18.11	1.45	1.18	13.70	16.65	4.72	2.00	/	1.49	4.33	2.75	0.98	6.10
324	553	37	30	445	516	135	50	F30-F35	38	120	70	36	197
12.75	21.77	1.45	1.18	1751	20.31	5.31	1.96	/	1.49	4.72	2.75	1.41	7.75
368	722	37	30	518	685	185	76	F40	48	130	70	32	183
14.48	28.42	1.45	1.18	20.39	26.96	7.28	2.99	/	1.88	5.11	2.75	1.25	7.20

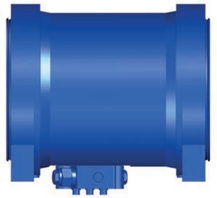
MOVECO
ROTARY ACTUATORS
HYDRAULIC COMPONENTS

NEW

ARB SERIES

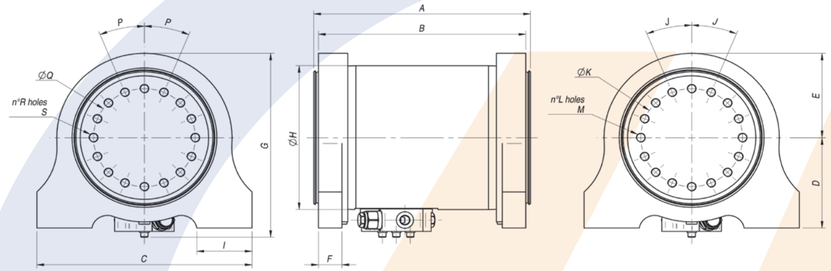
ATTACHMENTS POSITIONING





VALUES IN BLUE ARE EXPRESSED IN THE "METRIC SYSTEM"
VALUES IN ORANGE ARE EXPRESSED IN THE "IMPERIAL SYSTEM"

CODE	TORQUE 210 bar [Nm] 3045 psi [in-lb]		EXCAVATOR WEIGHT [kg] [lb]	DISPLACEMENT [cm³] [in³]	APPROXIMATE WEIGHT [kg] [lb]	PORTS POSSIBLE CONFIGURATION
	ACTIVE	HOLDING		180°	180°	OCV
RB.24/..	920	2400	0 - 1800	366	31	1/4 G
	8140	2400	0 - 3950	22,33	68	7/16-20 UNF
RB.30/..	1600	4300	1800 - 3800	544	43	1/4 G
	14160	38050	3950 - 8350	33,2	95	7/16-20 UNF
RB.36/..	2850	8250	3000 - 5500	883	65	1/4 G
	25220	73010	6600 - 12100	53,88	143	7/16-20 UNF
RB.47/..	7200	18000	6000 - 9000	2023	110	1/4 G
	63720	159300	13200 - 19850	123,45	243	7/16-20 UNF
RB.51/..	7400	18500	8500 - 11000	2614	135	1/4 G
	65490	163720	18750 - 24250	159,52	298	7/16-20 UNF
RB.54/..	10100	33000	12000 - 16000	3438	202	1/4 G
	89380	292050	26450 - 35250	209,8	445	7/16-20 UNF



MOVECO
ROTARY ACTUATORS
HYDRAULIC COMPONENTS

A (mm) [inch]	B (mm) [inch]	C (mm) [inch]	D (mm) [inch]	E (mm) [inch]	F (mm) [inch]	G (mm) [inch]	ØH (mm) [inch]	I (mm) [inch]	J[°]	Øk (mm) [inch]	L	M (mm) [inch]	P[°]	ØQ (mm) [inch]	R	S (mm) [inch]
205	195	190	93	86	20	201	144	40	30	102	12	M10 prof.19	30	102	12	M10 prof.19
8,10	7,60	7,40	3,60	3,30	0,70	7,90	6,10	1,50		4,00		3/8 depth 0.75		4,00		3/8 depth 0.75
275	265	220	100	91	30	210	157	50	30	106	12	M12 prof. 20	30	106	12	M12 prof. 20
275,00	9,80	8,60	3,90	3,50	1,10	8,30	6,50	1,90		4,17		1/2-13 depth 0.79		4,10		1/2-13 depth 0.79
275	265	275	120	112	30	245	191	70	30	130	12	M12 prof. 20	30	130	12	M12 prof. 20
10,40	10,00	10,80	4,70	4,40	1,10	9,80	7,90	2,70		5,10		1/2-13 depth 0.79		5,10		1/2-13 depth 0.79
360	350	290	137	136	40	287	227	70	30	164	12	M12 prof. 28	30	164	12	M12 prof. 28
14,17	13,78	11,42	5.39	5,35	1,57	11,30	8,94	2,75		6,46		1/2-13 depth 1.10		6,46		1/2-13 depth 1.10
423	413	332	145	145	40	295	227	80	30	168	12	M12 prof. 28	30	168	12	M12 prof. 28
16,65	16,26	13,07	5.71	5,71	1,57	11,61	8,94	3,15		6,61		1/2-13 depth 1.10		6,61		1/2-13 depth 1.10
470	460	390	164	163	38	330	271	95	30	200	12	M12 prof. 35	30	200	12	M12 prof. 35
18,50	18,11	15,35	6.46	6,42	1,50	13,00	10,67	3,74		7,87		1/2-13 depth 1.38		7,87		1/2-13 depth 1.38

“DETAILS MAKE PERFECTION AND PERFECTION IS NOT A DETAIL”

Leonardo Da Vinci

MOVECO SRL
Via Arturo Biella, 19 - 28075 Grignasco (NO)
www.movecosrl.com info@movecosrl.com
Tel. +39 0163 418 128
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