

### BVA Cross Reference Cylinders - 7/15/2019

BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
<b>Single Acting pg6</b>			<b>Single Acting</b>			<b>Single Acting</b>			<b>Single Acting</b>		
H0203 *	2	3.07	N/A	-	-	N/A	-	-	N/A	-	-
H0500 **	5	0.63	RC-50 **	5	0.63	N/A	-	-	R50	5	0.63
H0501	5	1.00	RC-51	5	1.00	C51C	5	1.00	R51	5	1.00
H0503	5	3.07	RC-53	5	3.00	C53C	5	3.25	R53	5	3.00
H0505	5	5.08	RC-55	5	5.00	C55C	5	5.25	R55	5	5.00
H0507	5	7.09	RC-57	5	7.00	C57C	5	7.25	R57	5	7.00
H0509	5	9.13	RC-59	5	9.13	C59C	5	9.25	R59	5	9.13
H1001	10	0.98	RC-101	10	1.00	C101C	10	1.00	R101	10	1.00
H1002	10	2.01	RC-102	10	2.13	C102C	10	2.13	R102	10	2.13
H1004	10	4.02	RC-104	10	4.13	C104C	10	4.13	R104	10	4.13
H1006	10	5.94	RC-106	10	6.13	C106C	10	6.13	R106	10	6.13
H1008	10	7.95	RC-108	10	8.00	C108C	10	8.13	R108	10	8.00
H1010	10	9.96	RC-1010	10	10.13	C1010C	10	10.13	R1010	10	10.13
H1012	10	11.97	RC-1012	10	12.00	C1012C	10	12.13	R1012	10	12.00
H1014	10	14.02	RC-1014	10	14.00	C1014C	10	14.13	R1014	10	14.00
H1501	15	0.95	RC-151	15	1.00	C151C	15	1.00	N/A	-	-
H1502	15	2.01	RC-152	15	2.00	C152C	15	2.13	R152	15	2.00
H1504	15	3.98	RC-154	15	4.00	C154C	15	6.13	R154	15	4.00
H1506	15	5.98	RC-156	15	6.00	C156C	15	6.13	R156	15	6.00
H1508	15	7.99	RC-158	15	8.00	C158C	15	8.13	N/A	-	-
H1510	15	10.00	RC-1510	15	10.00	C1510C	15	10.13	R1510	15	10.00
H1512	15	12.01	RC-1512	15	12.00	C1512C	15	12.13	N/A	-	-
H1514	15	14.02	RC-1514	15	14.00	C1514C	15	14.13	R1514	15	14.00
H2501	25	1.02	RC-251	25	1.00	C251C	25	1.00	R251	25	1.00
H2502	25	2.01	RC-252	25	2.00	C252C	25	2.00	R252	25	2.00
H2504	25	4.02	RC-254	25	4.00	C254C	25	4.00	R254	25	4.00
H2506	25	6.10	RC-256	25	6.25	C256C	25	6.25	R256	25	6.25
H2508	25	8.11	RC-258	25	8.25	C258C	25	8.25	R258	25	8.24
H2510	25	10.12	RC-2510	25	10.25	C2510C	25	10.25	R2510	25	10.25
H2512	25	12.20	RC-2512	25	12.25	C2512C	25	12.25	R2512	25	12.25
H2514	25	14.25	RC-2514	25	14.25	C2514C	25	14.25	R2514	25	14.25
H3008	30	8.27	RC-308	30	8.25	N/A	-	-	R308	30	8.25
H5502	55	2.01	RC-502	50	2.00	C552C	55	2.00	R552	55	2.00
H5504	55	4.06	RC-504	50	4.00	C554C	55	4.25	R554	55	4.00
H5506 <sup>1</sup>	55	6.26	RC-506	50	6.25	C556C	55	6.25	R556	55	6.25
H5510	55	10.25	N/A	-	-	C5510C	55	10.25	N/A	-	-
H5513 <sup>1</sup>	55	13.27	RC-5013	50	13.25	C5513C	55	13.25	R5513	55	13.25
H7506 <sup>1</sup>	75	6.14	RC-756	75	6.13	C756C	75	6.13	R756	75	6.13
H7513 <sup>1</sup>	75	13.11	RC-7513	75	13.13	C7513C	75	13.13	R7513	75	13.13
H10002A <sup>1</sup>	100	2.01	N/A	-	-	C1002C	100	2.00	N/A	-	-
H10006 <sup>1</sup>	100	6.61	RC-1006	100	6.63	C1006C	100	6.63	R1006	100	6.63
H10010 <sup>1</sup>	100	10.24	RC-10010	100	10.25	C10010C	100	10.25	R10010	100	10.25
<b>Single - Flat Body pg28</b>			<b>Single - Flat Body</b>			<b>Single - Flat Body</b>			<b>Single - Flat Body</b>		
HF0503	5	0.24	RSM-50	5	0.25	RLS50	5	0.56	R50	5	0.63
HF0503B (kit)	5	0.24	N/A	-	-	N/A	-	-	N/A	-	-
HF1005	10	0.43	RSM-100	10	0.44	RLS100	10	0.44	RFS10	10	0.44
HF1005B (kit)	10	0.43	N/A	-	-	N/A	-	-	N/A	-	-
HF2005	20	0.43	RSM-200	20	0.44	RLS200	20	0.44	RFS20	20	0.44
HF2005B (kit)	20	0.43	N/A	-	-	N/A	-	-	N/A	-	-
HF3005	30	0.51	RSM-300	30	0.50	RLS300	30	0.50	RFS30	30	0.50
HF3005B (kit)	30	0.51	N/A	-	-	N/A	-	-	N/A	-	-
HF5006	50	0.63	RSM-500	50	0.63	RLS500S	50	0.63	RFS50	50	0.63
HF3006B (kit)	50	0.63	N/A	-	-	N/A	-	-	N/A	-	-
HF7506	75	0.63	RSM-750	75	0.63	RLS750S	75	0.63	RFS75	75	0.63
HF10006	100	0.63	RSM-1000	100	0.63	RLS1000S	100	0.63	RFS100	100	0.63
HF15006	150	0.63	RSM-1500	150	0.63	RLS1500S	150	0.56	RFS150	150	0.56
<b>Single - Low Profile pg26</b>			<b>Single - Low Profile</b>			<b>Single - Low Profile</b>			<b>Single - Low Profile</b>		
HL1001	10	1.50	RCS-101	10	1.50	RSS101	10	1.50	RLS101	10	1.50
HL2002	20	1.75	RCS-201	20	1.75	RSS202	20	1.75	RLS201	20	1.75
HL3002	30	2.44	RCS-302	30	2.44	RSS302	30	2.44	RLS302	30	2.44
HL5002	50	2.36	RCS-502	50	2.38	RSS502	50	2.38	RLS502	50	2.38

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BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
HL6003KK	60	2.50	N/A	-	-	N/A	-	-	N/A	-	-
HL10002	100	2.24	RCS-1002	100	2.25	RSS1002	100	2.25	RLS1002	100	2.25
<b>Single - High Tonnage pg20</b>			<b>Single - High Tonnage</b>			<b>Single - High Tonnage</b>			<b>Single - High Tonnage</b>		
HG10002	100	1.97	HCG-1002	100	1.97	R1002C <sup>2</sup>	100	2.00	N/A	-	-
HG10004	100	3.94	HCG-1004	100	3.94	N/A	-	-	N/A	-	-
HG10006	100	5.91	HCG-1006	100	5.91	R1006C <sup>2</sup>	100	6.00	RLR1006	100	6.00
HG10008	100	7.87	HCG-1008	100	7.87	N/A	-	-	N/A	-	-
HG10010	100	9.84	HCG-10010	100	9.84	N/A	-	-	RLR10010	100	10.00
HG10012	100	11.81	HCG-10012	100	11.81	N/A	-	-	N/A	-	-
HG15002	150	1.97	HCG-1502	150	1.97	R1502C <sup>2</sup>	150	2.00	RLR1502	150	2.00
HG15004	150	3.94	HCG-1504	150	3.94	N/A	-	-	N/A	-	-
HG15006	150	5.91	HCG-1506	150	5.91	R1506C <sup>2</sup>	150	6.00	RLR1506	150	6.00
HG15008	150	7.87	HCG-1508	150	7.87	N/A	-	-	N/A	-	-
HG15010	150	9.84	HCG-15010	150	9.84	R15010C <sup>2</sup>	150	10.00	N/A	-	-
HG15012	150	11.81	HCG-15012	150	11.81	N/A	-	-	RLR15012	150	12.00
HG20002	200	1.97	HCG-2002	200	1.97	R2002C <sup>2</sup>	200	2.00	RLR2002	200	2.00
HG20006	200	5.91	HCG-2006	200	5.91	R2006C <sup>2</sup>	200	6.00	RLR2006	200	6.00
HG20008	200	7.87	HCG-2008	200	7.87	N/A	-	-	N/A	-	-
HG20012	200	11.81	HCG-20012	200	11.81	N/A	-	-	RLR20012	200	12.00
HG30002	300	1.97	HCG-3002	300	1.97	R2802C <sup>2</sup>	280	2.00	RLR3002	300	2.00
HG30006	300	5.91	HCG-3006	300	5.91	R2806C <sup>2</sup>	280	6.00	RLR3006	300	6.00
HG30012	300	11.81	HCG-30012	300	11.81	N/A	-	-	RLR30012	300	12.00
HG40002	400	1.97	HCG-4002	400	1.97	R3552C <sup>2</sup>	355	2.00	RLR4002	400	2.00
HG40006	400	5.91	HCG-4006	400	5.91	R3556C <sup>2</sup>	355	6.00	RLR4006	400	6.00
HG40012	400	11.81	HCG-40012	400	11.81	N/A	-	-	RLR40012	400	12.00
HG50002	500	1.97	HCG-5002	500	1.97	R4302C <sup>2</sup>	430	2.00	RLR5002	500	2.00
HG50006	500	5.91	HCG-5006	500	5.91	R4306C <sup>2</sup>	430	6.00	RLR5006	500	6.00
HG50012	500	11.81	HCG-50012	500	11.81	N/A	-	-	RLR50012	500	12.00
HG60002	600	1.97	HCG-6002	600	1.97	R5652C <sup>2</sup>	565	2.00	RLR6002	600	2.00
HG60006	600	5.91	HCG-6006	600	5.91	R5656C <sup>2</sup>	565	6.00	RLR6006	600	6.00
HG60012	600	11.81	HCG-60012	600	11.81	N/A	-	-	RLR60012	600	12.00
HG80002	800	1.97	HCG-8002	800	1.97	RC7402C <sup>2</sup>	740	2.00	RLR8002	800	2.00
HG80006	800	5.91	HCG-8006	800	5.91	RC7406C <sup>2</sup>	740	6.00	RLR8006	800	6.00
HG80012	800	11.81	HCG-80012	800	11.81	N/A	-	-	RLR80012	800	12.00
HG100002	1000	1.97	HCG-10002	1000	1.97	RC9652C <sup>2</sup>	965	2.00	RLR10002	1000	2.00
HG100006	1000	5.91	HCG-10006	1000	5.91	RC9656C <sup>2</sup>	965	6.00	RLR10006	1000	6.00
HG100012	1000	11.81	HCG-100012	1000	11.81	N/A	-	-	RLR100012	1000	12.00
<b>1100 - 1500 For these higher tonnage cylinders, contact your local BVA dealer for pricing and details</b>											
<b>Single - Aluminum pg10</b>			<b>Single - Aluminum</b>			<b>Single - Aluminum</b>			<b>Single - Aluminum</b>		
HU2002T	20	1.97	RAC-202	20	1.97	RA202	20	2.13	N/A	-	-
HU2004T	20	3.94	RAC-204	20	3.94	RA204	20	4.13	N/A	-	-
HU2006T	20	5.91	RAC-206	20	5.91	RA206	20	6.13	N/A	-	-
HU3002T	30	1.97	RAC-302	30	1.97	RA302	30	2.13	RAS302B	30	2.00
HU3004T	30	3.94	RAC-304	30	3.94	RA304	30	4.13	N/A	-	-
HU3006T	30	5.91	RAC-306	30	5.91	RA306	30	6.13	RAS306B	30	6.00
HU5002T	50	1.97	RAC-502	50	1.97	RA552	55	2.13	RAS502B	50	2.00
HU5004T	50	3.94	RAC-504	50	3.94	RA554	55	4.13	RAS504B	50	4.00
HU5006T	50	5.91	RAC-506	50	5.91	RA556	55	6.13	RAS506B	50	6.00
HU5008T	50	7.87	RAC-508	50	7.87	N/A	-	-	N/A	-	-
HU5010T	50	9.84	RAC-5010	50	9.84	RA5510	55	10.00	RAS5010B	50	10.00
HU7504	75	4.00	N/A	-	-	N/A	-	-	N/A	-	-
HU7506	75	6.00	N/A	-	-	N/A	-	-	N/A	-	-
HU10002	100	2.00	N/A	-	-	RA1002	100	2.13	RAS1002B	100	2.00
HU10004	100	4.00	RAC-1004	100	3.94	N/A	-	-	RAS1004B	100	4.00
HU10006	100	6.00	RAC-1006	100	5.91	RA1006	100	6.25	RAS1006B	100	6.00
HU10010	100	10.00	N/A	-	-	N/A	-	-	RAS10010B	100	10.00
HU15002	150	2.00	RAC-1502	150	1.97	N/A	-	-	RAS1502B	150	2.00
HU15004	150	4.00	RAC-1504	150	3.94	N/A	-	-	N/A	-	-
HU15006	150	6.00	RAC-1506	150	5.91	N/A	-	-	RAS1506B	150	6.00
HU15010	150	10.00	RAC-15010	150	9.84	N/A	-	-	RAS15010B	150	10.00
HU20006	200	6.00	N/A	-	-	N/A	-	-	N/A	-	-
<b>Single - Hollow Hole pg36</b>			<b>Single - Hollow Hole</b>			<b>Single - Hollow Hole</b>			<b>Single - Hollow Hole</b>		
HC1201T *	12	0.31	RCH-120	12	0.31	RH120	12	0.31	RC120A	12	0.31

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BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
HC1202T *	12	1.61	RCH1211	12	1.63	RH121T	12	1.63	N/A	-	-
HC1202XT **a	12	1.61	RCH121 <sup>a</sup>	12	1.63	RH121 <sup>a</sup>	12	1.63	RC121A <sup>a</sup>	12	1.63
HC1203XT <sup>a</sup>	12	2.99	RCH-123 <sup>a</sup>	12	3.00	RH123 <sup>a</sup>	12	3.00	RC123A <sup>a</sup>	12	3.00
HC2002T	20	2.01	RCH-202	20	2.00	RH202	20	2.00	RC202A	20	2.00
HC2006T	20	6.06	RCH-206	20	6.10	RH206	20	6.00	RC206A	20	6.00
HC3002T	30	2.52	RCH-302	30	2.50	RH302 <sup>b</sup>	30	2.50	RC302A	30	2.50
HC3006T	30	6.11	RCH-306	30	6.13	RH306 <sup>b,c</sup>	30	6.00	RC306A	30	6.13
HC6003T <sup>1</sup>	60	3.00	RCH-603	60	3.00	RH603 <sup>d</sup>	60	3.00	RC603A	60	3.00
HC6006T <sup>1</sup>	60	6.00	RCH-606	60	6.00	RH606 <sup>d</sup>	60	6.00	RC606A	60	6.00
HC10003T <sup>1</sup>	100	3.00	RCH-1003	100	3.00	RH1003 <sup>e</sup>	100	3.00	RC1003A <sup>e</sup>	100	3.00
<b>Single - Hollow Hole, Alum. Pg40</b>			<b>Single - Hollow Hole, Aluminum</b>			<b>Single - Hollow Hole, Aluminum</b>			<b>Single - Hollow Hole, Aluminum</b>		
HUC3003	30	3.00	RACH-302	30	1.97	N/A	-	-	RAC303	30	3.00
HUC3006	30	6.00	RACH-306	30	5.91	N/A	-	-	RAC306A	30	6.00
HUC6003	60	3.00	RACH-602	60	1.97	N/A	-	-	RAC603	60	3.00
HUC6006	60	6.00	RACH-606	60	5.91	N/A	-	-	RAC606	60	6.00
<b>Double - Hollow Hole, Alum. Pg40</b>			<b>Single - Hollow Hole, Aluminum</b>			<b>Single - Hollow Hole, Aluminum</b>			<b>Single - Hollow Hole, Aluminum</b>		
HUDC3006	30	6.00	N/A	-	-	N/A	-	-	RACD306	30	6.00
HUDC3010	30	10.00	N/A	-	-	N/A	-	-	RACD3010	30	10.00
HUDC5006	50	6.00	N/A	-	-	N/A	-	-	RACD506	50	6.00
HUDC5010	50	10.00	N/A	-	-	N/A	-	-	RACD5010	50	10.00
HUDC10006	100	6.00	N/A	-	-	N/A	-	-	RACD1006	100	6.00
HUDC10010	100	10.00	N/A	-	-	N/A	-	-	RACD10010	100	10.00
HUDC15006	150	6.00	N/A	-	-	N/A	-	-	RACD1506	150	6.00
HUDC15010	150	10.00	N/A	-	-	N/A	-	-	RACD15010	150	10.00
<b>Single - Lock Nut pg30</b>			<b>Single - Lock Nut</b>			<b>Single - Lock nut</b>			<b>Single - Lock Nut</b>		
HLN5502	55	1.97	HCL-502	50	1.97	R552L	55	2.00	RLN502	50	2.00
HLN5504	55	3.94	HCL-504	50	3.94	N/A	-	-	N/A	-	-
HLN5506	55	5.91	HCL-506	50	5.91	R556L	55	6.00	RLN506	50	6.00
HLN5508	55	7.87	HCL-508	50	7.87	N/A	-	-	N/A	-	-
HLN5510	55	9.84	HCL-5010	50	9.84	R5510L	55	10.00	RLN5010	50	10.00
HLN5512	55	11.81	HCL-5012	50	11.81	N/A	-	-	N/A	-	-
HLN10002	100	1.97	HCL-1002	100	1.97	R1002L	100	2.00	RLN1002	100	2.00
HLN10004	100	3.94	HCL-1004	100	3.94	N/A	-	-	N/A	-	-
HLN10006	100	5.91	HCL-1006	100	5.91	R1006L	100	6.00	RLN1006	100	6.00
HLN10008	100	7.87	HCL-1008	100	7.87	N/A	-	-	N/A	-	-
HLN10010	100	9.84	HCL-10010	100	9.84	R10010L	100	10.00	RLN10010	100	10.00
HLN10012	100	11.81	HCL-10012	100	11.81	N/A	-	-	N/A	-	-
HLN15002	150	1.97	HCL-1502	150	1.97	R1502L	150	2.00	RLN15002	150	2.00
HLN15004	150	3.94	HCL-1504	150	3.94	N/A	-	-	N/A	-	-
HLN15006	150	5.91	HCL-1506	150	5.91	R1506L	150	6.00	RLN15006	150	6.00
HLN15008	150	7.87	HCL-1508	150	7.87	N/A	-	-	N/A	-	-
HLN15010	150	9.84	HCL-15010	150	9.84	N/A	-	-	N/A	-	-
HLN15012	150	11.81	HCL-15012	150	11.81	N/A	-	-	RLN15012	150	12.00
HLN20002	200	1.97	HCL-2002	200	1.97	R2002L	200	2.00	RLN2002	200	2.00
HLN20004	200	3.94	HCL-2004	200	3.94	N/A	-	-	N/A	-	-
HLN20006	200	5.91	HCL-2006	200	5.91	R2006L	200	6.00	RLN2006	200	6.00
HLN20008	200	7.87	HCL-2008	200	7.87	N/A	-	-	N/A	-	-
HLN20010	200	9.84	HCL-20010	200	9.84	N/A	-	-	N/A	-	-
HLN20012	200	11.81	HCL-20012	200	11.81	N/A	-	-	RLN20012	200	12.00
HLN25002	250	1.97	HCL-2502	250	1.97	N/A	-	-	N/A	-	-
HLN25006	250	5.91	HCL-2506	250	5.91	N/A	-	-	N/A	-	-
HLN25012	250	11.91	HCL-25012	250	11.81	N/A	-	-	N/A	-	-
HLN30002	300	1.97	HCL-3002	300	1.97	R2802L	280	2.00	RLN3002	300	2.00
HLN30006	300	5.91	HCL-3006	300	5.91	R2806L	280	6.00	RLN3006	300	6.00
HLN30012	300	11.91	HCL-30012	300	11.81	N/A	-	-	RLN30012	300	12.00
<b>Single - Low Profile/Lock pg33</b>			<b>Single - Low Profile/Lock</b>			<b>Single - Low Profile/Lock</b>			<b>Single - Low Profile/Lock</b>		
HLNF6002	60	1.97	LPL-602	60	1.97	RC0552P	55	2.00	CLP-602	60	1.97
HLNF10002	100	1.97	LPL-1002	100	1.97	RC1002P	100	1.75	CLP-1002	100	1.97
HLNF16002	160	1.77	LPL-1602	160	1.77	RC1552P	155	1.75	CLP-1502	150	1.77
HLNF20002	200	1.77	LPL-2002	200	1.77	N/A	-	-	CLP-2002	200	1.77
HLNF25002	250	1.77	LPL-2502	250	1.77	N/A	-	-	CLP-2502	250	1.77
<b>Single - Lock Nut, Alum. pg32</b>			<b>Single - Lock Nut, Aluminum</b>			<b>Single - Lock Nut, Aluminum</b>			<b>Single - Lock Nut, Aluminum</b>		
HULN3002	30	2.00	RACL-302	30	1.97	N/A	-	-	N/A	-	-
HULN3004	30	4.00	RACL-304	30	3.94	N/A	-	-	N/A	-	-

### BVA Cross Reference Cylinders - 7/15/2019

BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
HULN3006	30	6.00	RACL-306	30	5.91	N/A	-	-	N/A	-	-
HULN3008	30	8.00	RACL-308	30	7.87	N/A	-	-	N/A	-	-
HULN3010	30	10.00	RACL-3010	30	9.84	N/A	-	-	N/A	-	-
HULN5002	50	2.00	RACL-502	50	1.97	N/A	-	-	RAL502	50	2.00
HULN5004	50	4.00	RACL-504	50	3.94	N/A	-	-	RAL504	50	4.00
HULN5006	50	6.00	RACL-506	50	5.91	RA556L	55	6.13	RAL506	50	6.00
HULN5008	50	8.00	RACL-508	50	7.87	N/A	-	-	N/A	-	-
HULN5010	50	10.00	RACL-5010	50	9.84	N/A	-	-	RAL5010	50	10.00
HULN10002	100	2.00	RACL-1002	100	1.97	N/A	-	-	RAL1002	100	2.00
HULN10004	100	4.00	RACL-1004	100	3.94	N/A	-	-	RAL1004	100	4.00
HULN10006	100	6.00	RACL-1006	100	5.91	RA1006L	100	6.25	RAL1006	100	6.00
HULN10008	100	8.00	RACL-1008	100	7.87	N/A	-	-	N/A	-	-
HULN10010	100	10.00	RACL-10010	100	9.84	N/A	-	-	RAL10010	100	10.00
HULN15002	150	2.00	RACL-1502	150	1.97	N/A	-	-	RAL1502	150	2.00
HULN15004	150	4.00	RACL-1504	150	3.94	N/A	-	-	RAL1504	150	4.00
HULN15006	150	6.00	RACL-1506	150	5.91	N/A	-	-	RAL1506	150	6.00
HULN15008	150	8.00	RACL-1508	150	7.87	N/A	-	-	N/A	-	-
HULN15010	150	10.00	RACL-15010	150	9.84	N/A	-	-	RAL15010	150	10.00
<b>Single - Threaded pg42</b>			<b>Single - Threaded</b>			<b>Single - Threaded</b>			<b>Single - Threaded</b>		
HT0505*	5	5.07	N/A	-	-	C55CBT	5	5.25	N/A	-	-
HT1006	10	5.95	N/A	-	-	C106CBT	10	6.13	N/A	-	-
HT1010	10	9.96	N/A	-	-	C1010CBT	10	10.13	N/A	-	-
HT2005	20	5.16	N/A	-	-	C256CBT	25	6.25	N/A	-	-
<b>Single - Pull pg41</b>			<b>Single - Pull</b>			<b>Single - Pull</b>			<b>Single - Pull</b>		
HP0205	2.5	5.00	BRC-25	2.5	5.00	RP25	2	5.00	RP25A	2	5.00
HP0505	5	5.55	BRC-46	5	5.50	RP55	5	5.50	RP55A	5	5.50
HP1006	10	5.95	BRC-106	10	5.95	N/A	-	-	N/A	-	-
HPB1006	10	5.95	BRP-106C	10	5.91	N/A	-	-	N/A	-	-
HPB1006A	10	5.95	BRP-106L	10	5.91	N/A	-	-	N/A	-	-
HPB3006A	30	6.10	BRP-106C	30	6.10	N/A	-	-	N/A	-	-
<b>Double Acting pg12</b>			<b>Double Acting</b>			<b>Double Acting</b>			<b>Double Acting</b>		
HD1010	10	10.04	RR-1010	10	10.00	RD106 <sup>f</sup>	10	6.25	RDA1010	10	10.00
HD1012	10	11.97	RR-1012	10	12.00	RD1010 <sup>f</sup>	10	10.00	N/A	-	-
HD2506	25	5.90	N/A	-	-	RD256 <sup>g</sup>	25	6.25	N/A	-	-
HD3008	30	8.15	RR-308	30	8.25	N/A	-	-	RDA308	30	8.13
HD3014	30	14.49	RR-3014	30	14.50	N/A	-	-	RDA3014	30	14.50
HD3020	30	20.00	N/A	-	-	N/A	-	-	N/A	-	-
HD5506 <sup>1</sup>	55	6.18	RR-506	50	6.13	RD556 <sup>h</sup>	55	6.25	RDA556	55	6.13
HD5513 <sup>1</sup>	55	13.19	RR-5013	50	13.13	RD5513 <sup>h</sup>	55	13.13	RDA5512	55	12.00
HD5520 <sup>1</sup>	55	20.12	RR-5020	50	20.13	RD5518 <sup>h</sup>	55	18.13	N/A	-	-
HD7506 <sup>1</sup>	75	6.10	RR-756	75	6.13	N/A	-	-	N/A	-	-
HD7513 <sup>1</sup>	75	13.11	RR-7513	75	13.13	N/A	-	-	N/A	-	-
HD10006 <sup>1</sup>	100	6.57	RR-1006	100	6.63	RD1006 <sup>j</sup>	100	6.63	RDA1006 <sup>k</sup>	100	6.06
HD10010 <sup>1</sup>	100	10.13	N/A	-	-	N/A	-	-	N/A	-	-
HD10013 <sup>1</sup>	100	13.11	RR-10013	100	13.13	RD10013 <sup>j</sup>	100	13.13	RDA10012 <sup>k</sup>	100	12.00
HD10018 <sup>1</sup>	100	18.15	RR-10018	100	18.13	RD10020 <sup>j</sup>	100	20.13	N/A	-	-
HD15002	150	2.25	RR-1502	150	2.25	N/A	-	-	N/A	-	-
HD15006	150	6.13	RR-1506	150	6.13	RD1506	150	6.63	RDA1506	150	6.06
HD15013	150	13.13	RR-15013	150	13.13	RD15013	150	13.13	RDA15012	150	12.00
HD15018	150	18.13	N/A	-	-	RD15018	150	18.13	N/A	-	-
HD20006	200	6.00	RR-2006	200	6.00	RD2006	200	6.63	RDA2006	200	6.00
HD20013	200	13.00	RR-20013	200	13.00	RD20013	200	13.13	RDA20013	200	13.00
HD20024	200	24.02	RR-20024	200	24.00	N/A	-	-	N/A	-	-
HD30006	300	6.00	RR-3006	300	6.00	RD3006	300	6.00	N/A	-	-
HD30013	300	13.00	RR-30013	300	13.00	RD30013	300	13.00	N/A	-	-
HD30018	300	18.00	RR-30018	300	18.00	N/A	-	-	N/A	-	-
HD50006	500	6.00	RR-5006	500	6.00	RD5006	500	6.00	N/A	-	-
<b>Double - Aluminum, pg16</b>			<b>Double - Aluminum</b>			<b>Double - Aluminum</b>			<b>Double - Aluminum</b>		
HUD3006	30	6.00	RAR-306	30	5.91	N/A	-	-	N/A	-	-
HUD3008	30	9.00	RAR-308	30	7.87	N/A	-	-	N/A	-	-
HUD3013	30	13.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD5006	50	6.00	RAR-506	50	5.91	N/A	-	-	N/A	-	-
HUD5008	50	9.00	RAR-508	50	7.87	N/A	-	-	N/A	-	-

### BVA Cross Reference Cylinders - 7/15/2019

BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
HUD5013	50	13.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD7506	75	6.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD7508	75	9.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD7513	75	13.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD10002	100	2.00	RAR-1002	100	1.97	N/A	-	-	N/A	-	-
HUD10006	100	6.00	RAR-1006	100	5.91	N/A	-	-	N/A	-	-
HUD10013	100	13.00	N/A	-	-	N/A	-	-	N/A	-	-
HUD15006	150	6.00	RAR-1506	150	5.91	N/A	-	-	N/A	-	-
HUD15013	150	13.00	N/A	-	-	N/A	-	-	N/A	-	-
<b>Double - Hollow Hole pg38</b>			<b>Double - Hollow Hole</b>			<b>Double - Hollow Hole</b>			<b>Double - Hollow Hole</b>		
HDC3007	30	7.00	RRH-307	30	7.00	RH306D <sup>e,L</sup>	30	6.00	RCD307	30	7.00
HDC3010	30	10.13	RRH-3010	30	10.13	RH3010 <sup>m</sup>	30	10.13	N/A	-	-
HDC6003	60	3.50	RRH-603	60	3.50	N/A	-	-	N/A	-	-
HDC6006	60	6.50	RRH-606	60	6.50	N/A	-	-	N/A	-	-
HDC6010	60	10.12	RRH-6010	60	10.12	RH6010 <sup>n</sup>	60	10.13	RCD6010	60	10.00
HDC10001 <sup>e</sup>	100	1.50	RRH-1001 <sup>e</sup>	100	1.50	RH1001 <sup>e,o</sup>	100	1.50	RCD1001	100	1.00
HDC10003	100	3.00	RRH-1003	100	3.00	N/A	-	-	RCD1003	100	3.00
HDC10006	100	6.00	RRH-1006	100	6.00	RH1006 <sup>a,e</sup>	100	6.00	RCD1006	100	6.00
HDC10010	100	10.13	RRH-10010	100	10.13	RH10010 <sup>p</sup>	100	8.00	RCD10010	100	10.00
HDC15008 <sup>a,e</sup>	150	8.00	RRH-1508 <sup>e</sup>	150	8.00	RH15008 <sup>e</sup>	150	8.00	N/A	-	-
HDC20006	200	6.00	N/A	-	-	N/A	-	-	N/A	-	-
<b>Double - High Tonnage pg22</b>			<b>Double - High Tonnage</b>			<b>Double - High Tonnage</b>			<b>Double - High Tonnage</b>		
HDG10002	100	1.97	HCR-1002	100	1.97	R1002D <sup>2</sup>	100	2.00	N/A	-	-
HDG10004	100	3.94	HCR-1004	100	3.94	N/A	-	-	N/A	-	-
HDG10006	100	5.91	HCR-1006	100	5.91	R1006D <sup>2</sup>	100	6.00	N/A	-	-
HDG10008	100	7.87	HCR-1008	100	7.87	N/A	-	-	N/A	-	-
HDG10010	100	9.84	HCR-10010	100	9.84	R10010D <sup>2</sup>	100	10.00	N/A	-	-
HDG10012	100	11.81	HCR-10012	100	11.81	N/A	-	-	N/A	-	-
HDG15002	150	1.97	HCR-1502	150	1.97	R1502D <sup>2</sup>	150	2.00	N/A	-	-
HDG15004	150	3.94	HCR-1504	150	3.94	N/A	-	-	N/A	-	-
HDG15006	150	5.91	HCR-1506	150	5.91	R1506D <sup>2</sup>	150	6.00	N/A	-	-
HDG15008	150	7.87	HCR-1508	150	7.87	N/A	-	-	N/A	-	-
HDG15010	150	9.84	HCR-15010	150	9.84	R15010D <sup>2</sup>	150	10.00	N/A	-	-
HDG15012	150	11.81	HCR-15012	150	11.81	N/A	-	-	N/A	-	-
HDG20002	200	1.97	HCR-2002	200	1.97	R2002D <sup>2</sup>	200	2.00	N/A	-	-
HDG20006	200	5.91	HCR-2006	200	5.91	R2006D <sup>2</sup>	200	6.00	N/A	-	-
HDG20008	200	7.87	HCR-2006	-	-	N/A	-	-	N/A	-	-
HDG20012	200	11.81	HCR-20012	200	11.81	N/A	-	-	N/A	-	-
HDG30002	300	1.97	HCR-3002	300	1.97	R2802D	280	2.00	RDA3002	300	2.00
HDG30006	300	5.91	HCR-3006	300	5.91	N/A	-	-	RDA3006	300	6.00
HDG30012	300	11.81	HCR-30012	300	11.81	N/A	-	-	RDA30012	300	12.00
HDG40002	400	1.97	HCR-4002	400	1.97	R3552D	355	2.00	RDA4002	400	2.00
HDG40006	400	5.91	HCR-4006	400	5.91	R3556D	355	6.00	RDA4006	400	6.00
HDG40012	400	11.81	HCR-40012	400	11.81	N/A	-	-	RDA40012	400	12.00
HDG50002	500	1.97	HCR-5002	500	1.97	R4302D	430	2.00	RDA5002	500	2.00
HDG50006	500	5.91	HCR-5006	500	5.91	R4306D	430	6.00	RDA5006	500	6.00
HDG50012	500	11.81	HCR-50012	500	11.81	N/A	-	-	RDA50012	500	12.00
HDG60002	600	1.97	HCR-6002	600	1.97	R5652D	565	2.00	RDA6002	600	2.00
HDG60006	600	5.91	HCR-6006	600	5.91	R5656D	565	6.00	RDA6006	600	6.00
HDG60010	600	9.84	HCR-60010	600	9.84	R56510D	565	10.00	RDA60012	600	12.00
HDG60012	600	11.81	HCR-60012	600	11.81	N/A	-	-	RDA8002	800	2.00
HDG80002	800	1.97	HCR-8002	800	1.97	RC7402D	740	2.00	RDA8006	800	6.00
HDG80006	800	5.91	HCR-8006	800	5.91	RC7406D	740	6.00	RDA80012	800	12.00
HDG80012	800	11.81	HCR-80012	800	11.81	N/A	-	-	RDA10002	1000	2.00
HDG100002	1000	1.97	HCR-10002	1000	1.97	RC9652D	965	2.00	RDA10006	1000	6.00
HDG100006	1000	5.91	HCR-10006	1000	5.91	RC9656D	965	6.00	RDA100012	1000	12.00
HDG100012	1000	11.81	HCR-100012	1000	11.81	N/A	-	-	N/A	-	-
<b>Double - Precision pg43</b>			<b>Double - Precision</b>			<b>Double - Precision</b>			<b>Double - Precision</b>		
HPD0906	9	6.10	RD-96	9	6.13	N/A	-	-	N/A	-	-
HPD0910	9	10.11	RD-910	9	10.13	N/A	-	-	N/A	-	-

### BVA Cross Reference Cylinders - 7/15/2019

BVA	Ton	Stroke	ENERPAC	Ton	Stroke	Power Team	Ton	Stroke	Simplex	Ton	Stroke
HPD1606	16	6.26	RD-166	16	6.25	N/A	-	-	N/A	-	-
HPD1610	16	10.24	RD-1610	16	10.25	N/A	-	-	N/A	-	-

\* Indicates cylinder comes with CRZ14F 1/4" Reg. Coupler

\*\* Indicates cylinder has non-removeable grooved saddle and no collar thread

<sup>1</sup> Indicates cylinder is equipped with a carrying handle

<sup>2</sup> Dimensions may differ, check application before crossing

<sup>a</sup> Indicates cylinders do not come with internal plunger threads

<sup>b</sup> Indicates internal plunger threads are 2-3/4"-12UN not standard 1-13/16"-16UN

<sup>c</sup> Indicates collar threads are 4-3/4"-12 not standard 4-1/2"-12

<sup>d</sup> Indicates internal plunger threads are 3"-12UN not standard 2-3/4"-16UN

<sup>e</sup> Indicates no collar threads

<sup>f</sup> Indicates collar threads are 2-3/4"-12 not standard 2-3/4"-16

<sup>g</sup> Indicates collar threads of 4"-12 and internal threads are 1-1/2"-16

<sup>h</sup> Indicates internal threads are 1-11/16"-8 not standard 1"-12

<sup>j</sup> Indicates internal plunger threads are 2-3/4"-12 not standard 1-3/4"-12

<sup>k</sup> Indicates internal plunger threads are 3-1/4"-12 not standard 1-3/4"-12

<sup>L</sup> Indicates internal plunger threads are 2"-12

<sup>m</sup> Indicates internal plunger threads are 1-7/8"-16

<sup>n</sup> Indicates internal plunger threads are 3"-16

<sup>o</sup> Indicates internal plunger threads of 4"-16

<sup>p</sup> Indicates internal plunger threads 4-1/2"-12 and collar threads of 8-1/2"-12