

CATFORD ENGINEERING PRODUCTS

Jamestown
SA 5491

All Prices Excluding GST

Phone: 0418 641 566

www.catford.com.au sales@catford.com.au

Hydraulic Motors

- *BMM, BMP & BMPH Gerotor Motors
- *BMR, BMRS, BMSY, BMV & BMT Geroler Motors
- *Hydraulic Brakes & Motor Valves





Lot 25, Mannanarie Road, Jamestown, South Australia 5491



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Due to fluctuations in the Australian dollar and the economic climate, please be advised that all prices are subject to change.
Please contact us to confirm pricing.

All prices stated within are exclusive of GST
(All prices are correct as of January 1st 2022, but Catford Engineering reserve the right to change these prices without notice)

Hydraulic Motors

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PRODUCTS

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CROSS REFERENCE CHART					
	Danfoss	Eaton	M+S	Parker	White
BMP/BPMH	OMP, DH	H	MP	TC	WP, WD
BMR/BMRS	OMR, DS	S	MR	TC	WR, RS
BMH	OMH		MH		
BMSY	OMS	2000	MSY	TF, TG	WS, RE, DR
BMT	OMT	4000, 6000	MT		
BMK6		6000			
BMV	OMV	6000, 10000	MV		
BMM	OMM		MM		
BME2		J2		TE, TC, TB	WG
BMER			HW	TF, TG	RE, RC
BMEC					CE
BMJ	OMEW	W	RW	TJ	
BMPW	OMEW		PW		

BMM SERIES NOMENCLATURE

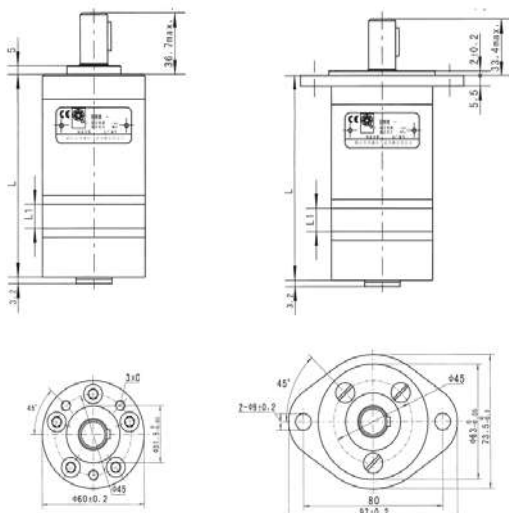
Series	-	Displacement		-	Flange	Shaft		Port		Colour		
BMM	-	8	8.2cc	-	F	SAE AA 2-bolt	A	16mm keyed	1E	3/8" BSPP rear	B	Black
		12.5	12.9cc		M	Face Mount	B	5/8" keyed	E	3/8" BSPP side		
		20	19.9cc				C	16.5mm 9T spline				
		32	31.6cc									
		40	39.8cc									
		50	50.3									

BMM Series Gerotor Motor

SIZE	BMM8	BMM12.5	BMM20	BMM32	BMM40	BMM50
List Price \$	404.00	404.00	404.00	429.00	506.00	506.00

TECHNICAL DATA

SIZE		BMM8	BMM12.5	BMM20	BMM32	BMM40	BMM50
Features		1/8" BSPP standard case drain					
Ports		3/8" BSPP rear 3/8" BSPP side					
Displacement	CC	8.2	12.9	19.9	31.6	39.8	50.3
Max Inlet Pressure Cont	Bar	175	175	175	175	175	175
Max Inlet Pressure Int		225	225	225	225	225	225
Max Speed Cont	Rpm	1950	1550	1000	630	500	400
Max Speed Int		2450	1940	1250	800	630	500
Pressure Cont	Bar	100	100	100	100	90	70
Pressure Int		140	140	140	140	140	140
Pressure Peak		200	200	200	160	160	160
Max Torque Cont	Nm	11	16	25	40	45	46
Max Torque Int		15	23	35	57	70	88
Max Torque Peak		21	33	51	64	82	100
Max Output Cont	kW	1.8	2.4	2.4	2.4	2.2	1.8
Max Output Int		2.6	3.2	3.2	3.2	3.2	3.2
Max Flow Cont	lpm	16	20	20	20	20	20
Max Flow Int		20	25	25	25	25	25
Weight	kg	1.9	2	2.1	2.2	2.3	2.4
M Flange L	mm	104	106	109	114	117.5	122
M Flange L1		3.5	5.5	8.5	13.5	17	21.5
F Flange L		107.5	109.5	112.5	117.5	121	125.5
F Flange L1		3.5	5.5	8.5	13.5	17	21.5



Seal Kit

Part #	List Price \$
BMM-SK	60.00

BMP SERIES NOMENCLATURE

Series	-	Displacement		-	Flange	Shaft		Port	Colour	Bearing	Shaft Seal					
BMP	-	36	36cc	-	2	SAE A 2-bolt	A	25mm keyed	S	1/2" BSPP	B	Black	N	Needle	HP	High pressure 200 bar
		50	51.7cc		4	4-bolt magneto	C	1" keyed								
		80	77.7cc		H4	4-bolt square	E	1" 6T spline								
		100	96.2cc				F	14T spline								
		125	120.2cc				T	28.56mm taper								
		160	157.2cc													
		200	194.5cc													
		250	240.3cc													
		315	314.5cc													
		400	389.5cc													





Seal Kit

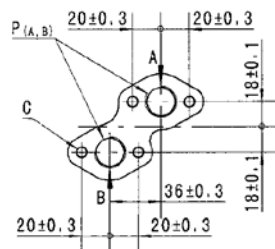
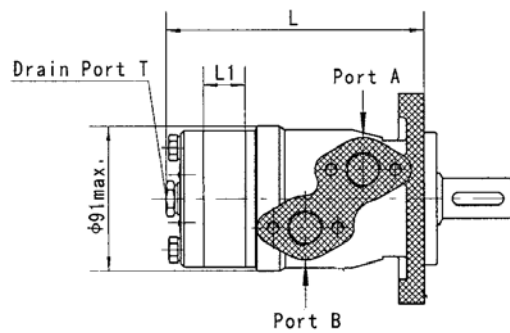
Part #	List Price \$
BMP-SK	80.00

BMP Series Gerotor Motor

SIZE	BMP36	BMP50	BMP80	BMP100	BMP125	BMP160	BMP200	BMP250	BMP315	BMP400
List Price \$	496.00	498.00	508.00	511.00	520.00	532.00	554.00	578.00	612.00	624.00

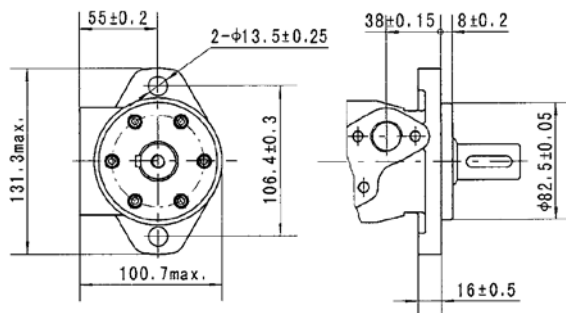
TECHNICAL DATA

SIZE		BMP36	BMP50	BMP80	BMP100	BMP125	BMP160	BMP200	BMP250	BMP315	BMP400
Features		Needle bearings + 200 bar shaft seals									
Ports		1/2" BSPP (A+B) 1/4" BSPP drain (T)									
Displacement	CC	36	51.7	77.7	96.2	96.2	157.2	194.5	240.3	314.5	389.5
Max Speed Cont	Rpm	1500	1150	770	615	490	383	310	250	192	155
Max Speed Int		1650	1450	960	770	615	475	385	310	240	190
Pressure Cont	Bar	125	140	140	140	140	140	140	110	90	70
Pressure Int		165	175	175	175	175	175	175	140	140	105
Pressure Peak		225	225	225	225	225	225	225	180	160	140
Max Torque Cont	Nm	55	100	146	182	236	302	360	380	375	360
Max Torque Int		76	128	186	227	290	370	440	460	555	525
Max Torque Peak		96	148	218	264	360	434	540	550	650	680
Max Output Cont	kW	8	10	10	11	10	10	10	8.5	7	6
Max Output Int		11.5	12	12	13	12	12	12	10.5	8.5	7
Max Flow Cont	lpm	55	60	60	60	60	60	60	60	60	60
Max Flow Int		60	75	75	75	75	75	75	75	75	75
Weight	kg	5.6	5.6	5.7	5.9	6	6.2	6.4	7	6.9	7.4
Dimension L	mm	137	137	140.5	143	146	151	157	162	172	182
Dimension L1		7	7	10.5	13	16	21	26	32	42	52
Thread C		M8	M8	M8	M8	M8	M8	M8	M8	M8	M8

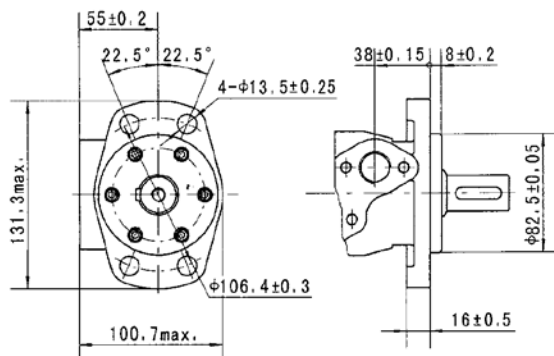


FLANGE DRAWINGS

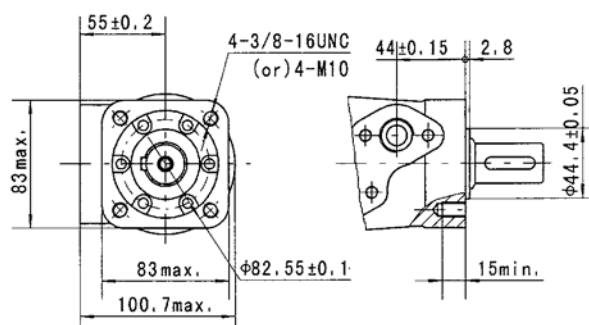
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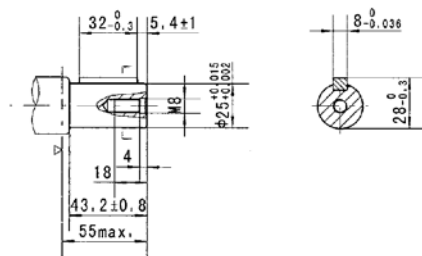


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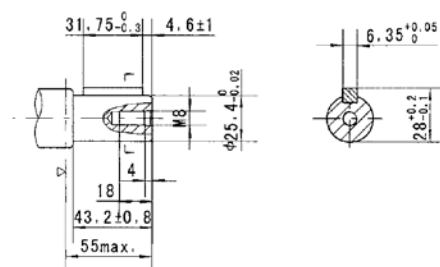


SHAFT DRAWINGS

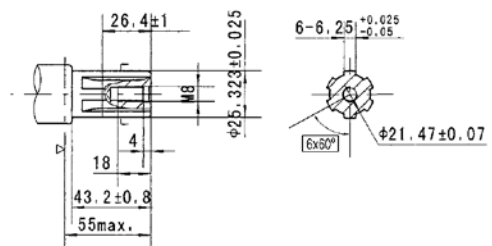
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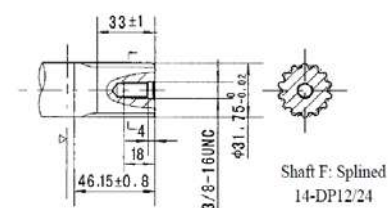
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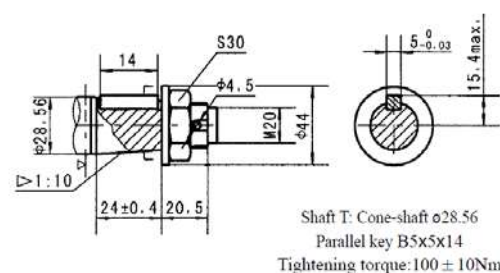
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F



T



BMPH SERIES NOMENCLATURE

Series	-	Displacement		-	Flange		Shaft		Port		Colour		Bearing		Shaft Seal	
BMPH	-	36	36cc	-	H2	SAE A 2-bolt	A	25mm keyed	S	7/8" UNO	B	Black	N	Needle	HP	High pressure 200 bar
		50	51.7cc		H6	4-bolt magneto	I	1 3T spline								
		80	77.7cc		H4	4-bolt square	R	1" keyed								
		100	96.2cc				S	1" 6T spline								
		125	120.2cc				T2	25.4mm taper								
		160	157.2cc													
		200	194.5cc													
		250	240.3cc													
		315	314.5cc													
		400	389.5cc													





Seal Kit

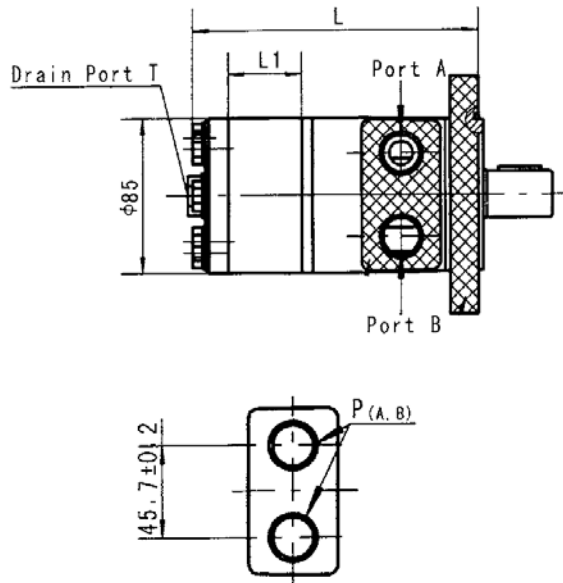
Part #	List Price \$
BMPH-SK	80.00

BMPH Series Gerotor Motor

SIZE	BMPH36	BMPH50	BMPH80	BMPH100	BMPH125	BMPH160	BMPH200	BMPH250	BMPH315	BMPH400
List Price \$	496.00	498.00	508.00	510.00	520.00	531.00	553.00	577.00	612.00	623.00

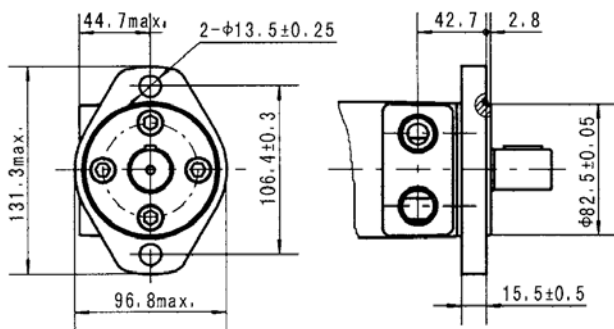
TECHNICAL DATA

SIZE		BMPH36	BMPH50	BMPH80	BMPH100	BMPH125	BMPH160	BMPH200	BMPH250	BMPH315	BMPH400
Features		Needle bearings + 200 bar shaft seals									
Ports		7/8" UNO (A+B) 7/16" UNO drain (T)									
Displacement	CC	36	51.7	77.7	96.2	120.2	157.2	194.5	240.3	314.5	389.5
Max Speed Cont	Rpm	1500	1150	770	615	490	383	310	250	192	155
Max Speed Int		1650	1450	960	770	615	475	385	310	240	190
Pressure Cont	Bar	125	140	140	140	140	140	140	110	90	70
Pressure Int		165	175	175	175	175	175	175	140	140	105
Pressure Peak		225	225	225	225	225	225	225	225	180	160
Max Torque Cont	Nm	55	100	146	182	236	302	360	380	375	360
Max Torque Int		76	128	186	227	290	370	440	460	555	525
Max Torque Peak		96	148	218	264	360	434	540	550	650	680
Max Output Cont	kW	8	10	10	11	10	10	10	8.5	7	6
Max Output Int		11.5	12	12	13	12	12	12	10.5	8.5	7
Max Flow Cont	lpm	55	60	60	60	60	60	60	60	60	60
Max Flow Int		60	75	75	75	75	75	75	75	75	75
Weight	kg	5.6	5.6	5.7	5.9	6	6.2	6.4	7	6.9	7.4
Dimension L	mm	141	141	144.5	147	150	155	160	166	176	186
Dimension L1		7	7	10.5	13	16	21	26	32	42	52

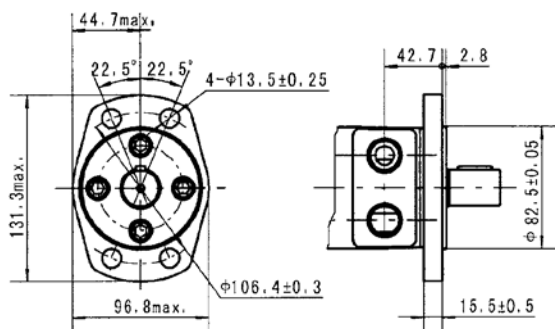


FLANGE DRAWINGS

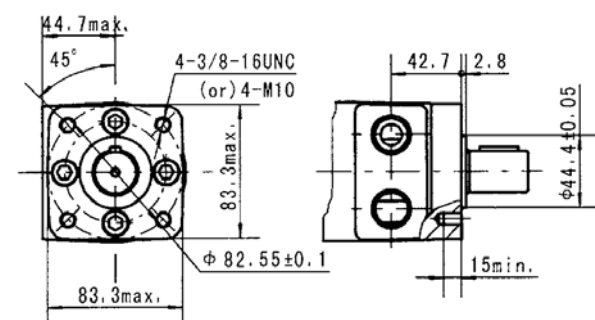
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H6

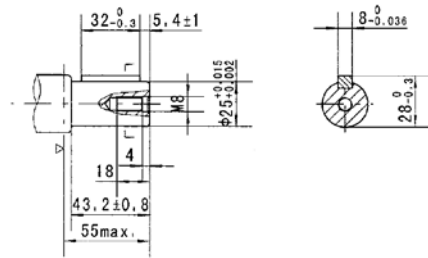


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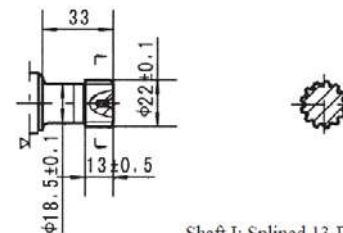


SHAFT DRAWINGS

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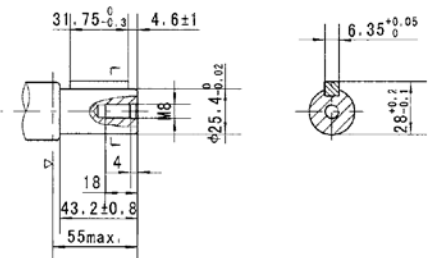


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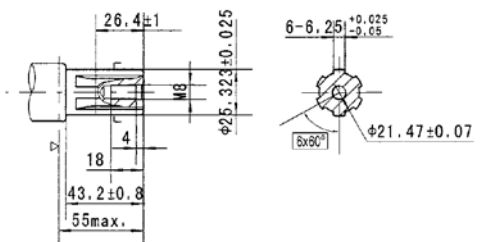


Shaft I: Splined 13-DP16/32

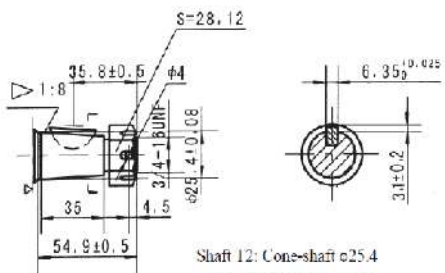
R



S



T2



Shaft 12: Cone-shaft $\phi 25.4$
Parallel key $\phi 25.4 \times 6.35$
Tightening torque: $200 \pm 10 \text{ Nm}$

BMR SERIES NOMENCLATURE

Series	-	Displacement		-	Flange		Shaft		Port		Colour		Bearing		Shaft Seal	
BMR	-	36	36cc	-	2	SAE A 2-bolt	A	25mm keyed	S	1/2" BSPP	B	Black	N	Needle	HP	High pressure 200 bar
		50	51.7cc		4	4-bolt magneto	C	1" keyed								
		80	81.5cc		H4	4-bolt square	E	1" 6T spline								
		100	102cc				F	14T spline								
		125	127.2cc				T	28.56mm taper								
		160	157.2cc													
		200	194.5cc													
		250	253.3cc													
		315	317.5cc													
		400	381.4cc													





Seal Kit

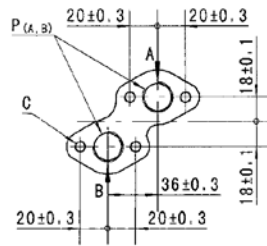
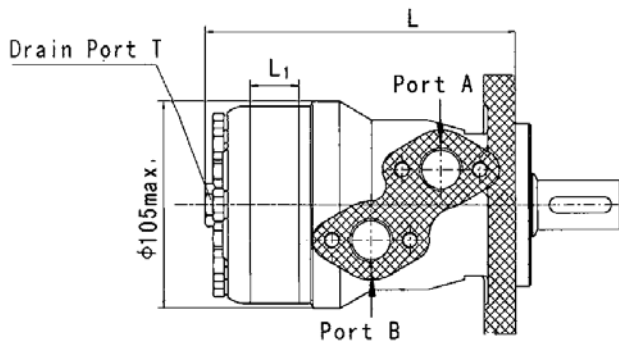
Part #	List Price \$
BMR-SK	80.00

BMR Series Geroler Motor

SIZE	BMR36	BMR50	BMR80	BMR100	BMR125	BMR160	BMR200	BMR250	BMR315	BMR400
List Price \$	580.00	582.00	590.00	601.00	612.00	623.00	640.00	650.00	677.00	688.00

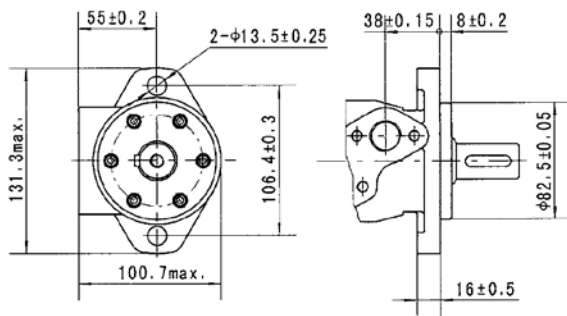
TECHNICAL DATA

SIZE		BMR36	BMR50	BMR80	BMR100	BMR125	BMR160	BMR200	BMR250	BMR315	BMR400
Features		Needle bearings + 200 bar shaft seals									
Ports		1/2" BSPP (A+B)					1/4" BSPP drain (T)				
Displacement	CC	36	51.7	81.5	102	127.2	157.2	194.5	253.3	317.5	381.4
Max Speed Cont	Rpm	1085	960	750	600	475	378	310	240	190	155
Max Speed Int		1220	1150	940	750	600	475	385	300	240	190
Pressure Cont	Bar	140	140	175	175	175	165	130	110	90	70
Pressure Int		165	175	200	200	200	200	175	150	130	100
Pressure Peak		225	225	225	225	225	225	225	200	175	150
Max Torque Cont	Nm	72	100	195	240	300	360	360	390	390	365
Max Torque Int		83	126	220	280	340	430	440	490	535	495
Max Torque Peak		105	165	270	320	370	460	560	640	650	680
Max Output Cont	kW	8.5	9.5	12.5	13	12.5	12.5	10	7	6	5
Max Output Int		9.8	11.2	15	15	14.5	14	13	9.5	9	8
Max Flow Cont	lpm	40	50	60	60	60	60	60	60	60	60
Max Flow Int		45	60	75	75	75	75	75	75	75	75
Weight	kg	6.5	6.7	6.9	7	7.3	7.6	8	8.5	9	9.5
Dimension L	mm	137	140	146	150	155	161.5	170	180	192	204
Dimension L1		7	10	16	20	25	30.5	38.1	50	62	74
Thread C		M8	M8	M8	M8	M8	M8	M8	M8	M8	M8

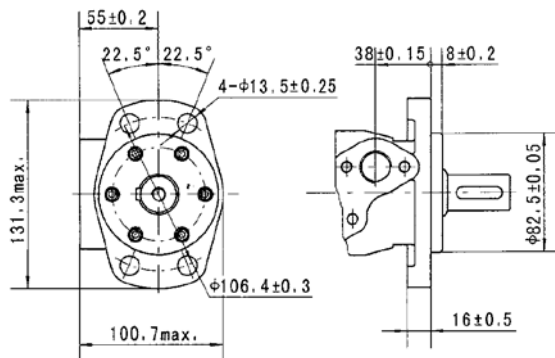


FLANGE DRAWINGS

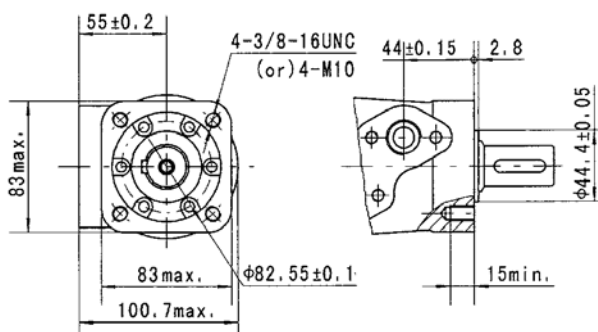
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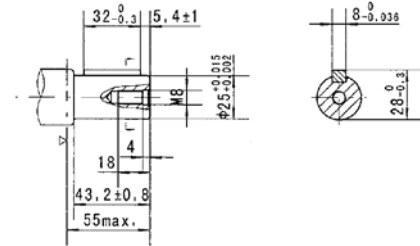


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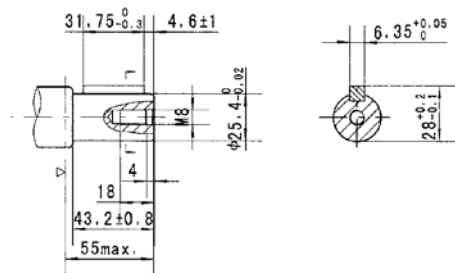


SHAFT DRAWINGS

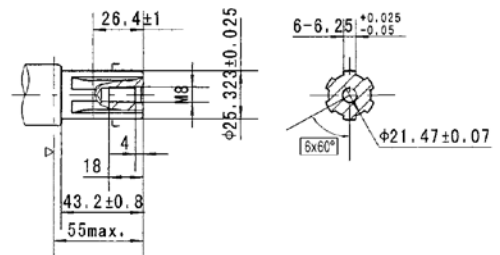
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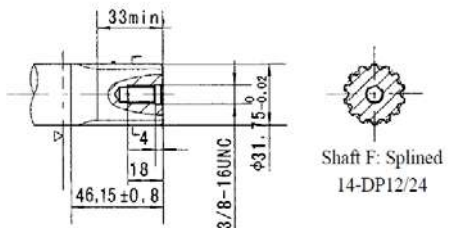
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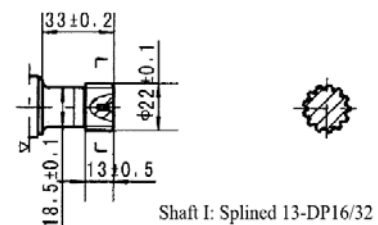
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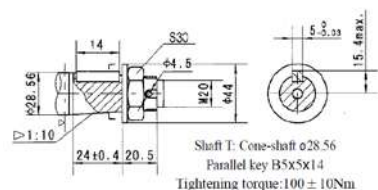
F



I



T



BMRS SERIES NOMENCLATURE

Series	-	Displacement		-	Flange		Shaft		Port		Colour		Bearing		Shaft Seal	
BMRS	-	36	36cc	-	H2	SAE A 2-bolt	A	25mm keyed	S	7/8" UNO	B	Black	N	Needle	HP	High pressure 200 bar
		50	51.7cc		H6	4-bolt magneto	I	13T spline								
		80	81.5cc		H4	4-bolt square	R	1" keyed								
		100	102cc				S	1" 6T spline								
		125	127.2cc				T2	25.4mm taper								
		160	157.2cc													
		200	194.5cc													
		250	253.3cc													
		315	317.5cc													
		400	381.4cc													





Seal Kit

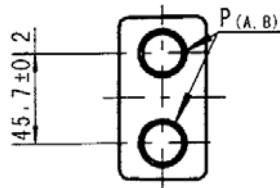
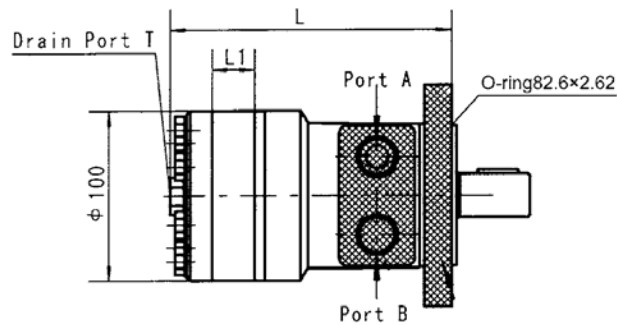
Part #	List Price \$
BMRS-SK	80.00

BMRS Series Geroler Motor

SIZE	BMRS36	BMRS50	BMRS80	BMRS100	BMRS125	BMRS160	BMRS200	BMRS250	BMRS315	BMRS400
List Price \$	580.00	582.00	590.00	601.00	612.00	623.00	645.00	655.00	677.00	698.00

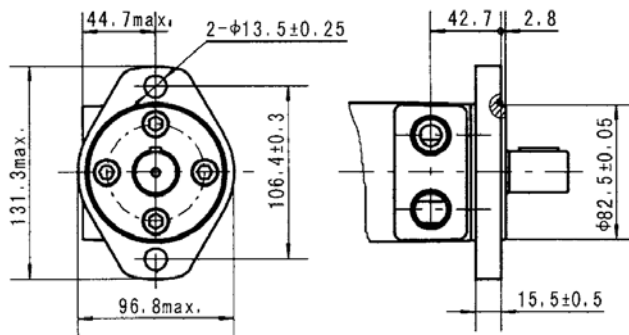
TECHNICAL DATA

SIZE		BMRS36	BMRS50	BMRS80	BMRS100	BMRS125	BMRS160	BMRS200	BMRS250	BMRS315	BMRS400
Features		Needle bearings + 200 bar shaft seals									
Ports		7/8" UNO (A+B) 7/16" UNO drain (T)									
Displacement	CC	36	51.7	81.5	102	127.2	157.2	194.5	253.3	317.5	381.4
Max Speed Cont	Rpm	1085	960	750	600	475	378	310	240	190	155
Max Speed Int		1220	1150	940	750	600	475	385	300	240	190
Pressure Cont	Bar	140	140	175	175	175	165	130	110	90	70
Pressure Int		165	175	200	200	200	200	175	150	130	100
Pressure Peak		225	225	225	225	225	225	225	200	175	150
Max Torque Cont	Nm	72	100	195	240	300	360	360	390	390	365
Max Torque Int		83	126	220	280	340	430	440	490	535	495
Max Torque Peak		105	165	270	320	370	460	560	640	650	680
Max Output Cont	kW	8.5	9.5	12.5	13	12.5	12.5	10	7	6	5
Max Output Int		9.8	11.2	15	15	14.5	14	13	9.5	9	8
Max Flow Cont	lpm	40	50	60	60	60	60	60	60	60	60
Max Flow Int		45	60	75	75	75	75	75	75	75	75
Weight	kg	6.5	6.7	6.9	7	7.3	7.6	8	8.5	9	9.5
Dimension L	mm	137	140	146	150	155	161.5	170	180	192	204
Dimension L1		7	10	16	20	25	30.5	38.1	50	62	74

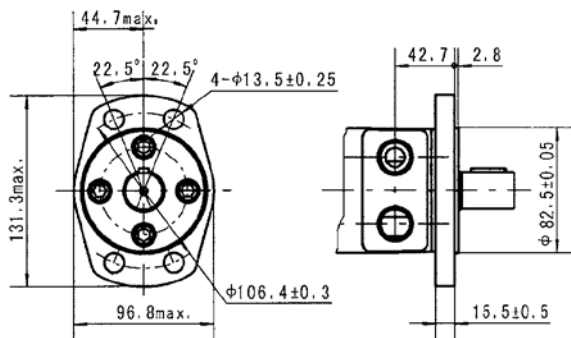


FLANGE DRAWINGS

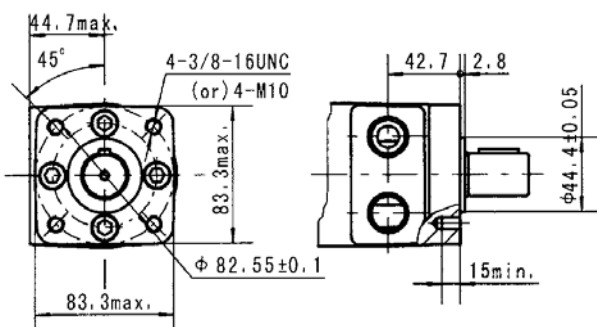
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H6

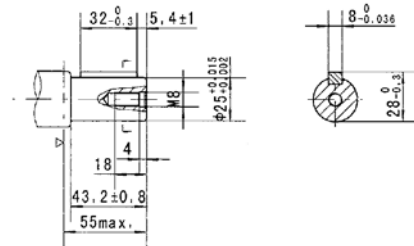


H4

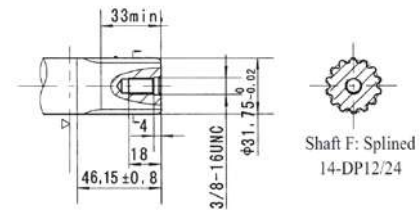


SHAFT DRAWINGS

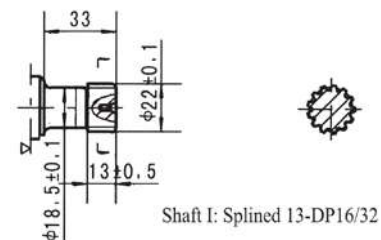
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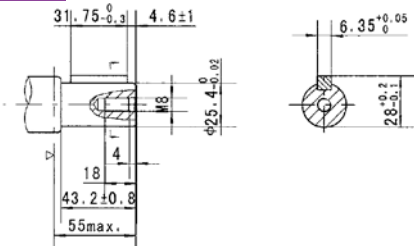
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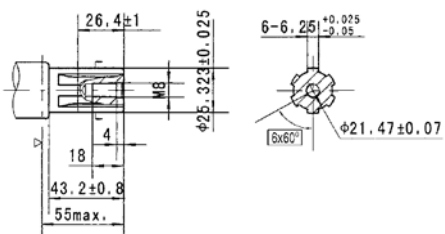
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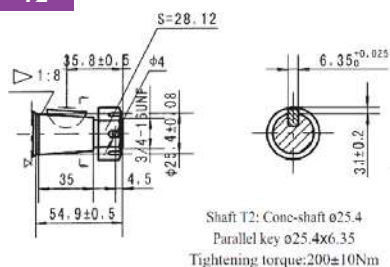
R



S



T2



BMSY SERIES NOMENCLATURE

Series	-	Displacement		-	Flange		Shaft		Port		Colour		Bearing		Shaft Seal	
BMSY	-	80	80.6cc	-	E2	SAE A 2-bolt	B	32mm keyed	S	1/2" BSPP	B	Black	N	Taper Roller	HP	High pressure 200 bar
		100	100.8cc		E4	4-bolt square	F	14T spline								
		125	125cc		F6	6-bolt magneto	G	1.1/4" keyed								
		160	154cc				T1	35mm taper								
		200	194cc													
		250	243cc													
		315	311cc													
		400	394cc													
		475	475cc													





Seal Kit

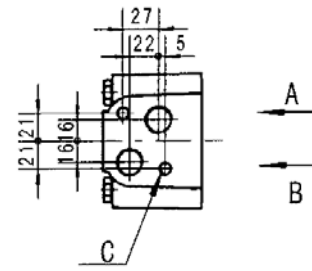
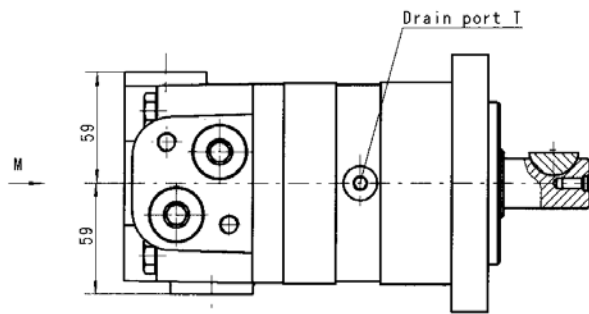
Part #	List Price \$
BMSY-SK	80.00

BMSY Series Geroler Motor

SIZE	BMSY80	BMSY100	BMSY125	BMSY160	BMSY200	BMSY250	BMSY315	BMSY400	BMSY475
List Price \$	981.00	995.00	1018.00	1052.00	1070.00	1085.00	1133.00	1199.00	1385.00

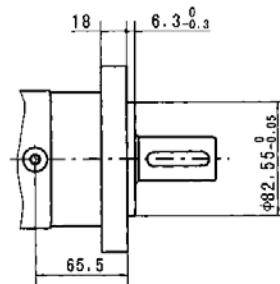
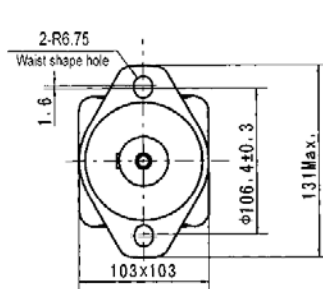
TECHNICAL DATA

SIZE		BMSY80	BMSY100	BMSY125	BMSY160	BMSY200	BMSY250	BMSY315	BMSY400	BMSY475
Features		Tapered roller bearings + 200 bar shaft seals								
Ports		1/2" BSPP (A+B) 1/4" BSPP drain (T)								
Displacement	CC	80.6	100.8	125	154	194	243	311	394	475
Max Inlet Press Cont	Bar	250	250	250	250	250	250	250	250	250
Max Inlet Press Int		300	300	300	300	300	300	300	300	300
Max Speed Cont	Rpm	800	748	600	470	375	300	240	185	155
Max Speed Int		988	900	720	560	450	360	280	225	185
Pressure Cont	Bar	205	205	205	210	210	200	200	160	140
Pressure Int		225	225	225	225	225	225	225	175	150
Pressure Peak		295	295	295	225	225	225	225	200	175
Max Torque Cont	Nm	225	290	365	485	586	708	880	880	910
Max Torque Int		250	320	400	540	645	806	960	960	960
Max Output Cont	kW	16	18	18	18.1	18.1	18	17	11	9
Max Output Int		20	22	23	25	24	23.8	20.2	12	11
Max Flow Cont	lpm	65	75	75	75	75	75	75	75	75
Max Flow Int		80	90	90	90	90	90	90	90	90
Weight	kg	9.8	10	10.3	10.7	11.1	11.6	12.3	13.2	14.3
Dimension L	mm	170	174	179	181	188	196	208	223	237
Dimension L1		16	20	25	27	34	42	54	69	83
Thread C		M10	M10	M10	M10	M10	M10	M10	M10	M10

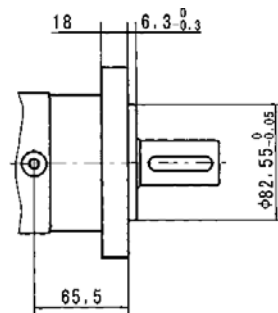
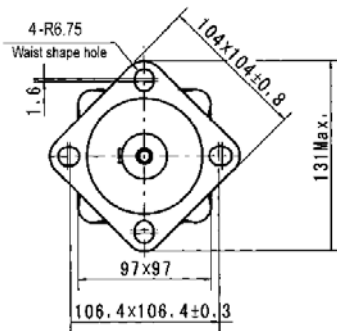


FLANGE DRAWINGS

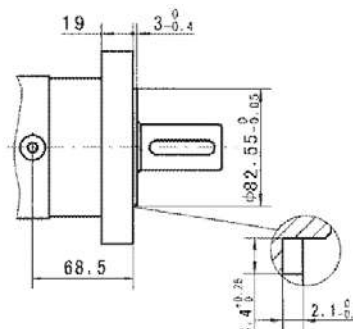
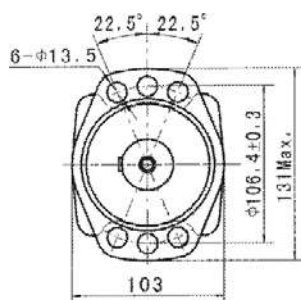
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E4

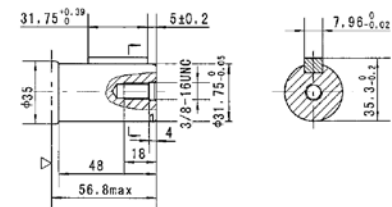


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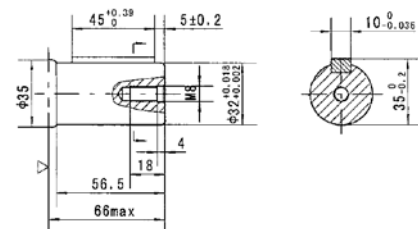


SHAFT DRAWINGS

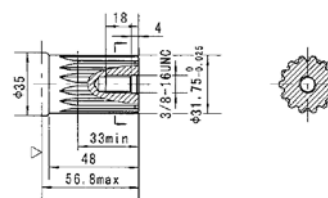
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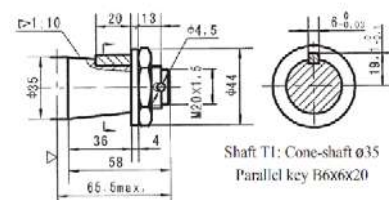
B



F



T1



Shaft T1: Cone-shaft $\phi 35$
Parallel key B6x6x20

BMT SERIES NOMENCLATURE

Series	-	Displacement		-	Flange		Shaft		Port		Colour	
BMT	-	160	161.1cc	-	4	4-bolt square	B	32mm keyed	S	3/4" BSPP	B	Black
		200	201.4cc				G1	1.1 / 4" keyed				
		250	251.8cc				G	1.1 / 2" keyed				
		315	326.3cc				M	40mm keyed				
		400	410.9cc				S	1.3 / 8" 6T splined				
		500	523.6cc									
		630	629.1cc									
		800	801.8cc									



Seal Kit

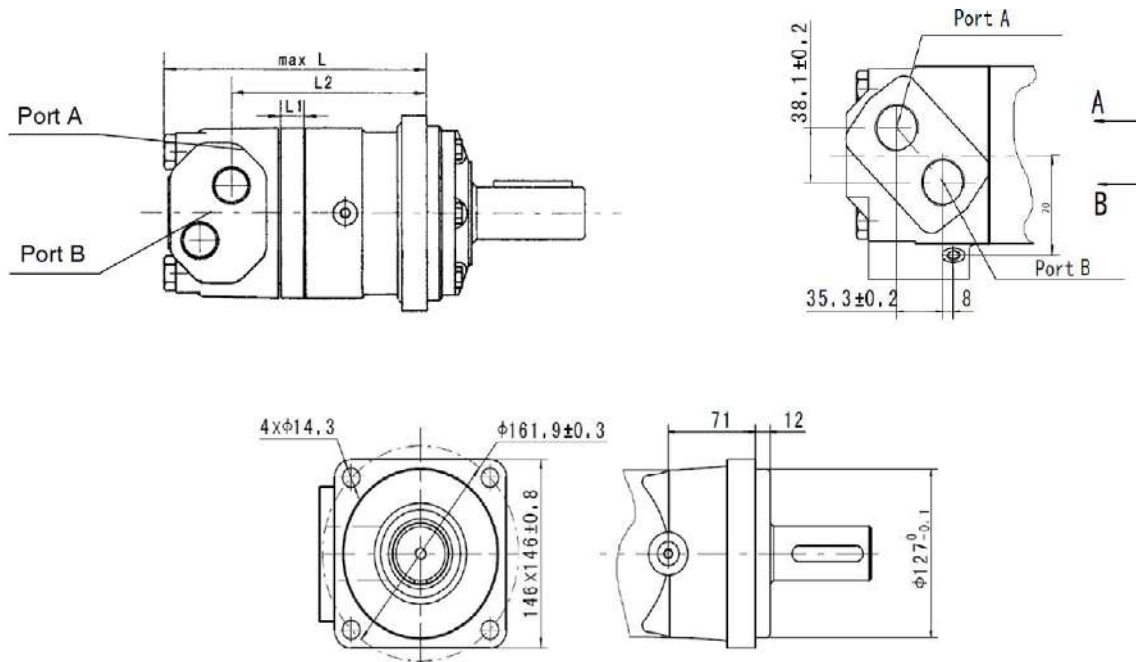
Part #	List Price \$
BMT-SK	120.00

BMT Series Geroler Motor

SIZE	BMT160	BMT200	BMT250	BMT315	BMT400	BMT500	BMT630	BMT800
List Price \$	1706.00	1717.00	1750.00	1761.00	1840.00	1978.00	2021.00	2078.00

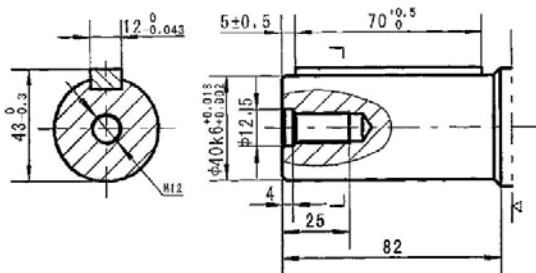
TECHNICAL DATA

SIZE		BMT160	BMT200	BMT250	BMT315	BMT400	BMT500	BMT630	BMT800
Ports		3/4" BSPP (A+B) 1/4" BSPP drain (T)							
Displacement	CC	161.1	201.4	251.8	326.3	410.9	523.6	629.1	801.8
Max Speed Cont	Rpm	625	625	500	380	305	240	196	154
Max Speed Int		780	750	600	460	365	285	233	185
Pressure Cont	Bar	200	200	200	200	180	160	140	125
Pressure Int		240	240	240	240	210	180	160	130
Pressure Peak		280	280	280	280	240	210	190	160
Max Torque Cont	Nm	470	590	730	950	1080	1220	1318	1464
Max Torque Int		560	710	880	1140	1260	1370	1498	1520
Max Output Cont	kW	27.7	34.9	34.5	34.9	31.2	28.8	25.3	22.2
Max Output Int		32	40	40	40	35	35	27.5	26.8
Max Flow Cont	lpm	100	125	125	125	125	125	125	125
Max Flow Int		125	150	150	150	150	150	150	150
Max Inlet Press Cont	Bar	210	210	210	210	210	210	210	210
Max Inlet Press Int		250	250	250	250	250	250	250	250
Weight	kg	19.5	20	20.5	21	22	23	24	25
Dimension L	mm	193	197	204	210	217	225	237	248
Dimension L1		17	21	14	20	27	35	47	58
Dimension L2		142.5	146.5	152.5	158.5	165.5	173.5	185.5	196.5

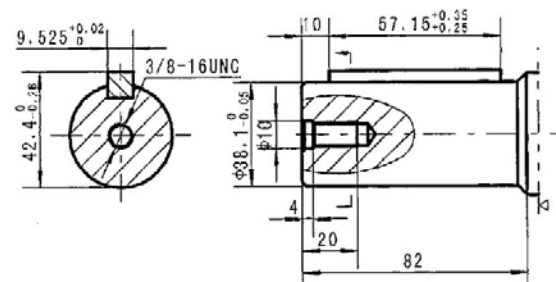


SHAFT DRAWINGS

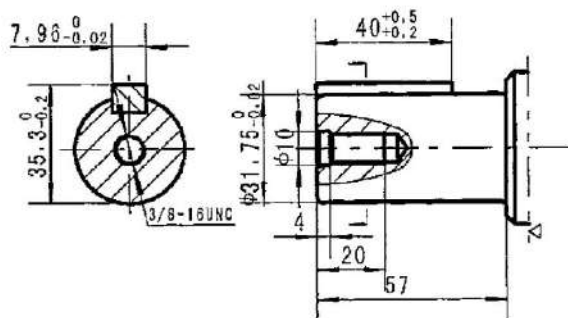
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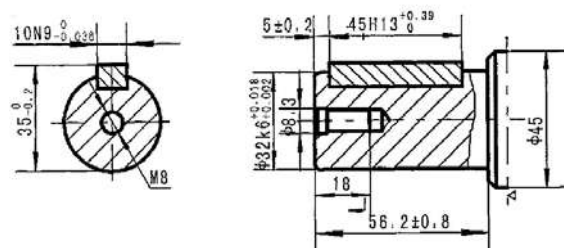
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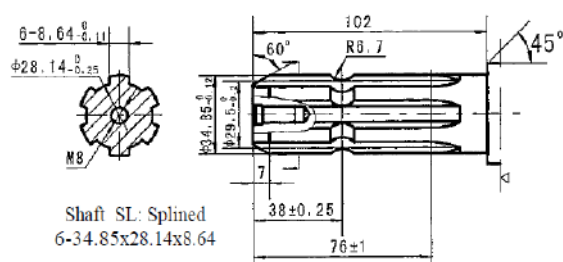
G1



B



S



BMV SERIES NOMENCLATURE

Series	-	Displacement		-	Flange	Shaft		Port	Colour			
BMV	-	315	333	-	4	4-bolt square	A	50mm keyed	S	1" BSPP	B	Black
		400	419				C	2.1/4" keyed				
		500	518									
		630	666									
		800	801									
	NEW	1000	990									



Seal Kit

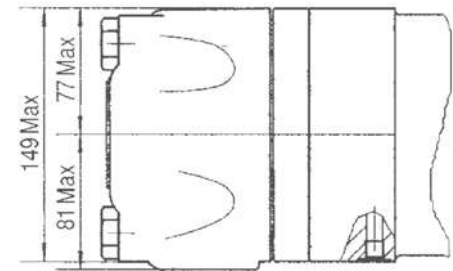
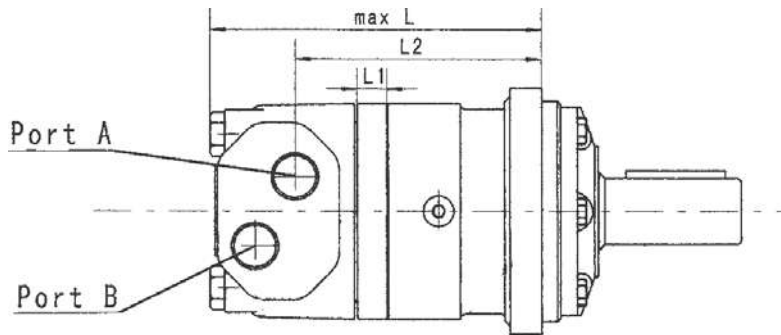
Part #	List Price \$
BMV-SK	160.00

BMV Series Geroler Motor

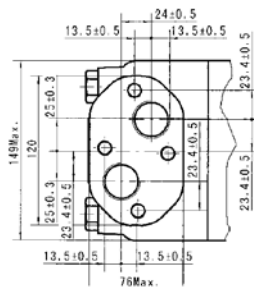
SIZE	BMV315	BMV400	BMV500	BMV630	BMV800	NEW BMV1000
List Price \$	2148.00	2238.00	2374.00	2839.00	2975.00	3300.00

TECHNICAL DATA

SIZE		BMV315	BMV400	BMV500	BMV630	BMV800	BMV1000
Ports		1" BSPP (A+B) 1/4" BSPP drain (T)					
Displacement	CC	333	419	518	666	801	990
Max Speed Cont	Rpm	510	500	400	320	250	200
Max Speed Int		630	600	480	380	300	240
Pressure Cont	Bar	200	200	200	180	160	140
Pressure Int		240	240	240	210	180	160
Pressure Peak		280	280	280	240	210	180
Max Torque Cont	Nm	920	1180	1460	1660	1880	2015
Max Torque Int		1110	1410	1760	1940	2110	2280
Max Torque Peak		1290	1640	2050	2210	2470	2400
Max Output Cont	kW	38	47	47	40	33	28.6
Max Output Int		46	56	56	56	44	40
Max Flow Cont	lpm	160	200	200	200	200	200
Max Flow Int		200	240	240	240	240	240
Weight	kg	31.8	32.6	33.5	34.9	36.5	38.6
Dimension L	mm	217	224	232	244	255	271
Dimension L1		20	27	35	47	58	74
Thread C		M12	M12	M12	M12	M12	M12

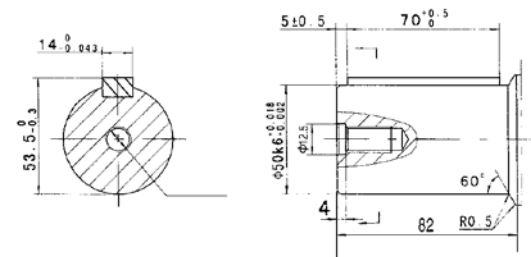


PORTING - D, M



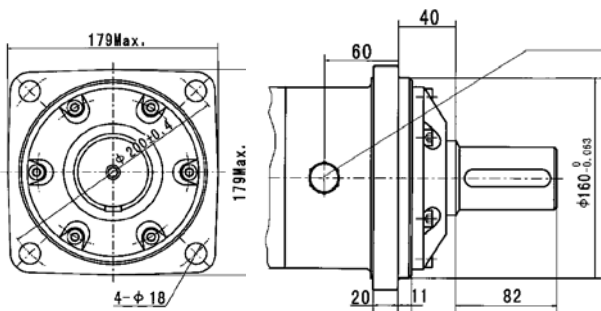
SHAFT DRAWINGS

A

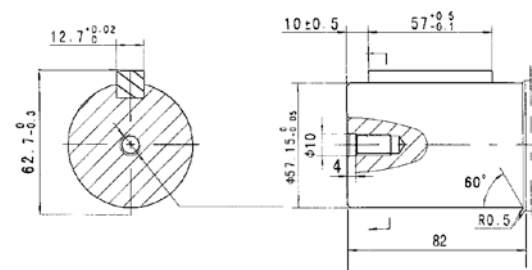


FLANGE DRAWINGS

4



C



PLANETARY WHEEL DRIVE NOMENCLATURE

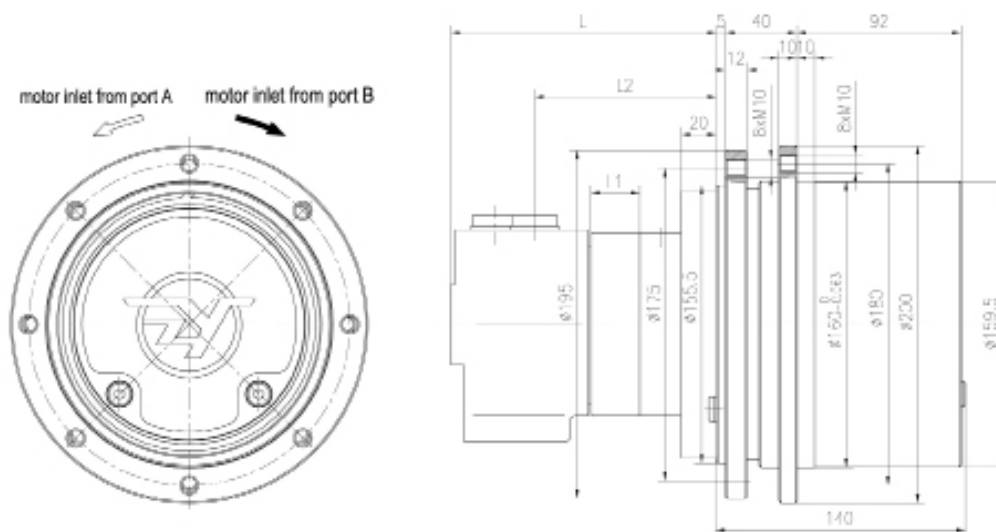
Series	-	Series Code		-	Ratio		-	Brake		-	Motor Series		-	Displacement		-	Ports		-	Painted	
WGB	-	150	1500Nm	-	5.75	5.75	-	BK	with Brake	-	WT	BMSY	-	80	80cc	-	D	1/2" BSPP	-	00	No Paint



100	100cc
125	125cc
160	160cc
200	200cc
250	250cc
315	315cc
375	375cc
400	400cc

Planetary Wheel Drive

Displacement	80cc	100cc	125cc	160cc	200cc	250cc	315cc	400cc
List Price \$	3577.00	3591.00	3614.00	3648.00	3666.00	3681.00	3729.00	3981.00
L1 (mm)	13	17	22	27.5	35.1	47	59	71
L2 (mm)	69	73	78	83.5	91.1	103	115	127
L (mm)	134.5	138.5	143.5	149	157	169	181	193



WGB150 WITH BMS 125, Main specifications as follows

Main specifications of WGB 150

WGB150		5.75	4.6	3.28
specification Motor	Motor BMS125	125	125	125
	pressure drop MPa	15.4	15.4	16.2
	flow L/min	73.3	73.3	69.7
	torque N-m	260.9	260.9	274.4
	speed rpm	539.5	539.5	512.9
Output speed rpm		93.8	117.3	156.4
Output torque N-m		1500	1200	900
Output power kW		14	14	14

Main specifications of the non-standard motor with WGB150 will be calculated upon hydraulic motor.
The max. output torque of WGB 150 is 1500 Nm, the max. output power is 14 kW.

Cross Line Relief Valve



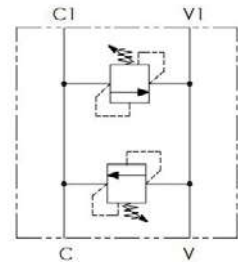
Part #	List Price \$	Max Flow Rate	Pressure Range	Series	A+B Ports	Bolts
DCF1201	228.00	40 lpm	10-110 bar	BMP/BMR	1/2" BSPP	M8x40 cap screw
DCF1202	228.00	40 lpm	20-210 bar	BMP/BMR	1/2" BSPP	M8x40 cap screw
DCF1203	228.00	40 lpm	70-350 bar	BMP/BMR	1/2" BSPP	M8x40 cap screw
DCM1201	228.00	40 lpm	10-110 bar	BMSY	1/2" BSPP	M10x40 cap screw
DCM1202	228.00	40 lpm	20-210 bar	BMSY	1/2" BSPP	M10x40 cap screw
DCM1203	228.00	40 lpm	70-350 bar	BMSY	1/2" BSPP	M10x40 cap screw



DCF



DCM



Shuttle Valve

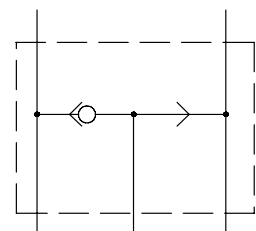
Part #	List Price \$	Max Flow Rate	Max Pressure	Series	A+B Ports	C Port	Bolts
FSRDB	270.00	60 lpm	300 bar	BMP/BMR	1/2" BSPP	1/4" BSPP	M8x40 cap screw (x4)
FSSDB	270.00	60 lpm	300 bar	BMSY	1/2" BSPP	1/4" BSPP	M10x40 cap screw (x2)



FSR



FSS



Counter Balance Valve

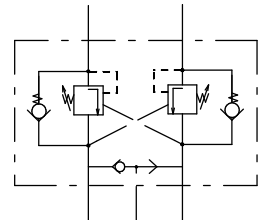
Part #	List Price \$	Max Flow Rate	Max Pressure	Series	A+B Ports	C Port	Bolts
FPRDDB	380.00	60 lpm	70-250 bar	BMP/BMR	1/2" BSPP	1/4" BSPP	M8x50 cap screw (x4)
CBDLSFOMS-03	710.00	60 lpm	100-350 bar	BMSY	1/2" BSPP	1/4" BSPP	M8x80 cap screw (x4)



FPR

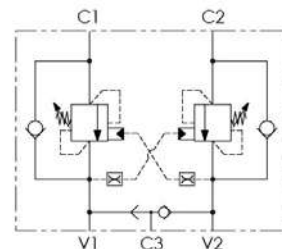


CBDL



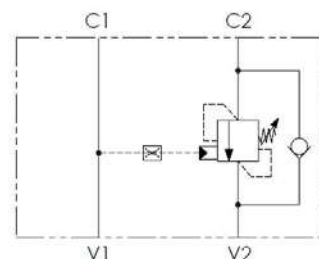
Dual Counter Balance Valve

Part #	List Price \$	Max Flow Rate	Pressure Range	Series	A+B Ports	Ratio	Bolts
DCVB1201S	485.00	60 lpm	30-210 bar	BMP/BMR	1/2" BSPP	1:4.25	M8x50 Cap Screw (x4)



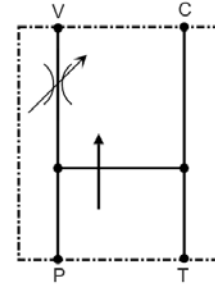
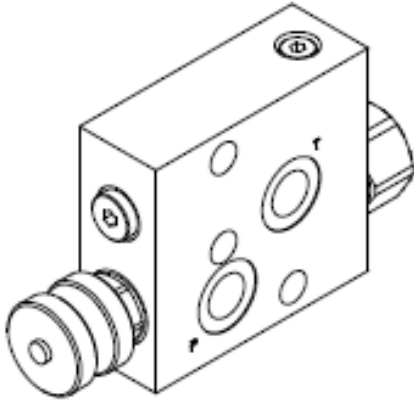
Single Counter Balance Valve

Part #	List Price \$	Max Flow Rate	Pressure Range	Series	A+B Ports	Ratio	Bolts
SCVB1201S	436.00	60 lpm	30-210 bar	BMP/BMR	1/2" BSPP	1:4.25	M8x50 Cap Screw (x4)



Priority Flow Control Valve

Part #	List Price \$	Max Flow Rate	Max Pressure	Max Adjustable Flow	Series	A+B Ports	Bolts
NEW PVETOMP03	565.00	60 lpm	250 bar	50 lpm	BMP/BMR	1/2" BSPP	



Anti-Cavitation (rundown) Check Valve

Part #	List Price \$	Max Flow Rate	Max Pressure	Cracking Pressure	Series	A+B Ports	Bolts
NEW ACVOMP03	270.00	50 lpm	250 bar	0.5 bar	BMP/BMR	1/2" BSPP	

