

Hydraulics Network



1800-OILSOL
1800-645765















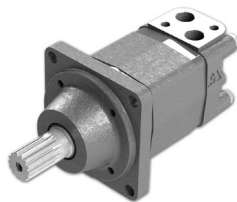





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HYDRAULIC MOTORS

2023

MM Series	MLHM Series	MP Series	MLHP Series
			
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HP Series	PL Series	MR Series	MLHR Series
			
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HR Series	RL Series	MH Series	RW Series
			
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HW Series	MS Series	MLHS Series	MYZ Series
			
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MT Series	MLHT Series	MTM Series	MV Series
			
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M+S Series	HydNet	Bosch/ Rexroth	Brevini/ Sam	Danfoss	Eaton Char Lynn	Parker	Ross/TRW	White
MM	BMM (EU)	MGX	BGM	OMM				WM (125/126)
MLHM	BMM (US)			OMM (US)	J Series			
MP	BMP	MGP/ GMP	BGE	OMP			MF	WP (155)
MLHP				OMP (US)				
PL						TE		
HP	BMPH		BH	DH	H Series	TB	MG	WD (145)
MR	BMR	MGR/ GMR	BRE	OMR				WR (255)
MLHR				OMR(US)				
RL						TE	MB	
HR	BMRS		BS	DS	S,T Series			WG
RW		MGRW		OMEW				
MLHRW				OMEW (US)				
MH				OMH				
HW						TG		RE (300)
MS	BMSY (EU)	MGS/ GMS	HR	OMS				WS
MLHS	BMSY (US)		HRS	OMS (US)	2000 Series	TG	ME	RE (300)
MYZ					4000 Series		MJ	
MT	BMT	MGT/ GMT	HT	OMT				
MLHT				OMT (US)				
MTM				TMT				
MV	BMV	MGV/ GMV		OMV				
MLHV				OMT (US)				
MVM					10000 Series			
HKU		LAGC		OSPB	3,6,9,12 Series			
HKUS				OSPC				

MM Series Gerotor Motor

Standard Pricing: Shaft 16mm Straight Keyed, Mount 3-bolt, Ports 3/8" BSPP Rear, Case 1/8" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MM 8 C		8.2	3.5	1950	16	105	140	11	2
NEW MM 12.5 C		12.5	5.5	1550	20	105	140	16	2.1
NEW MM 20 C		19.9	8.5	1000	20	105	140	25	2.2
NEW MM 32 C		31.6	13.5	630	20	105	140	40	2.3
NEW MM 40 C		39.8	17	500	20	82.5	140	41	2.4
NEW MM 50 C		50	21	400	20	70	140	45	2.6

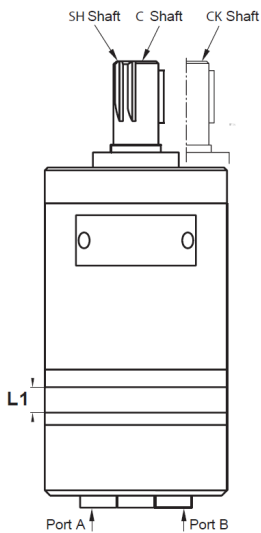
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

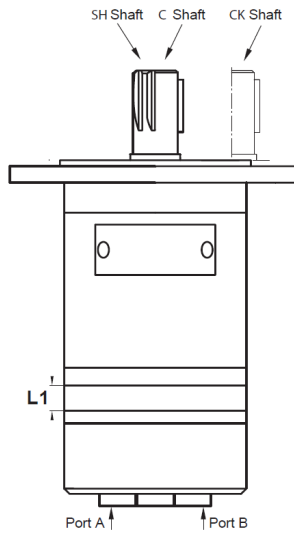
MM	OPTION			MOUNTING A			PORTS			DISP.	SHAFTS			MOUNTING B			SERIES
Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	8-50cc	Code	Desc.	\$	Code	Desc.	\$		
D	Dual Cross Line Relief		-	Round 3-bolt 31.5mm Spigot	-	-	Rear Ports 3/8" BSPP	-		C	16mm Keyed	-	-5	Round 5-bolt M6			
			F	Oval 2-bolt 63mm Spigot		S	Side Ports 3/8" BSPP			CK	14mm Keyed	-	RSL5	Speed Sensor			
										SH	16.5mm 9T Splined						

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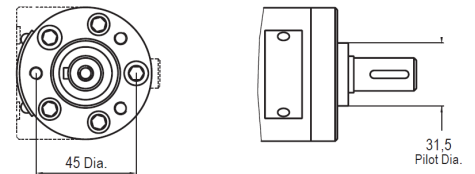
MM Standard MM Series



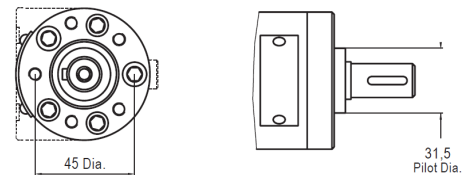
MMF MMF Series



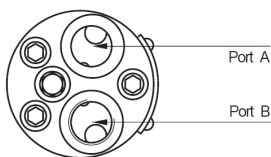
- Standard Mount M6 3-bolt



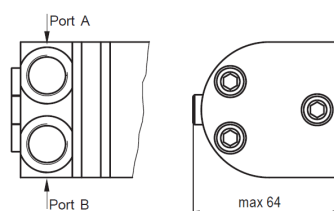
-5 Mount M6 5-bolt



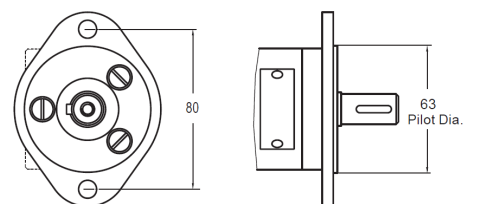
- Standard Rear Ports



S Side Ports



F Oval Mount 2-bolt



MLHM Series Gerotor Motor

Standard Pricing: Shaft 5/8" Straight Keyed, Mount 3-bolt, Ports 9/16" UNF Rear, Case 3/8" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MLHM 8 C7		8.2	3.5	1950	16	105	140	12	2
NEW MLHM 12.5 C7		12.5	5.5	1550	20	105	140	17	2.1
NEW MLHM 20 C7		19.9	8.5	1000	20	105	140	26	2.2
NEW MLHM 32 C7		31.6	13.5	630	20	105	140	42	2.3
NEW MLHM 40 C7		39.8	17	500	20	82.5	140	42	2.4
NEW MLHM 50 C7		50	21	400	20	70	140	45	2.6

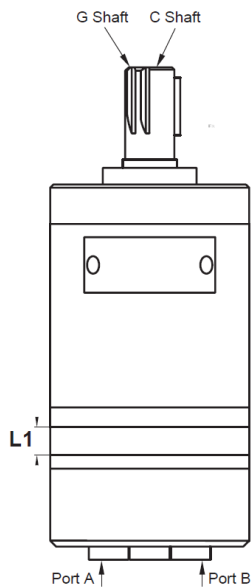
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

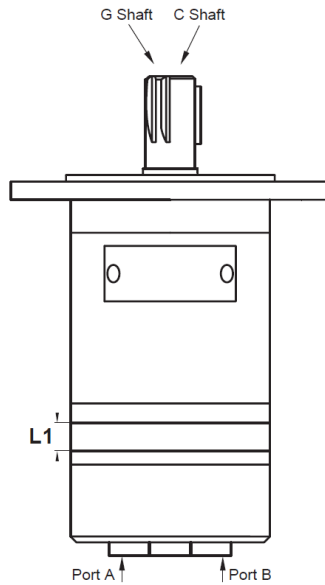
MLHM	MOUNTING A			DISP.	SHAFTS			PORTS			OPTION			MOUNTING B			SERIES
Code	Desc.	\$	8-50cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	Round 3-bolt 31.5mm Spigot	-		C	5/8" Straight Keyed	-	7	Rear Ports 9/16" UNF	-	D	Dual Cross Line Relief		-5	Round 5-bolt 1/4" UNF			
F	Oval 2-bolt 63mm Spigot			G	16.5mm 9T Splined		4	Side Ports 9/16" UNF									

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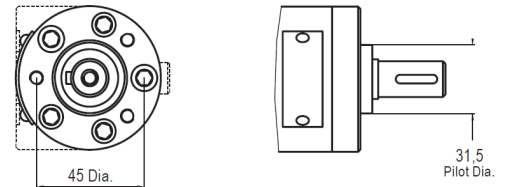
MLHM Standard MHLM Series



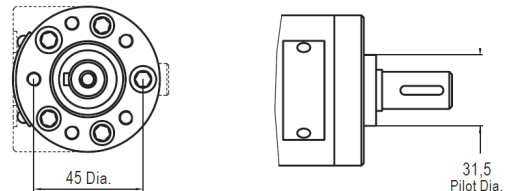
MLHMF MLHMF Series



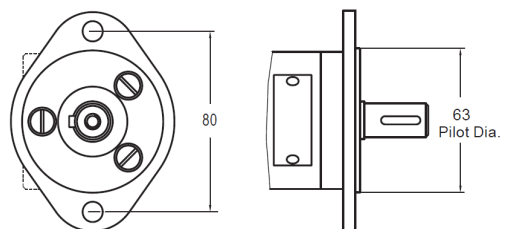
- Standard Mount 1/4" UNF 3-bolt



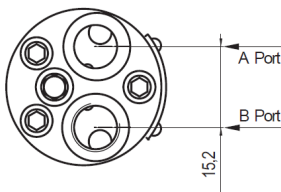
-5 Mount 1/4" UNF 5-bolt



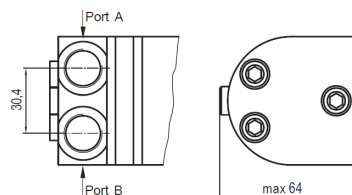
F Oval Mount 2-bolt



7 Rear Ports



4 Side Ports



MP Series Gerotor Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MPN 25 COD		28.4	5.2	1408	40	100	175	33	6.1
NEW MPN 32 COD		34.5	6.3	1450	50	100	175	43	6.1
NEW MPN 40 COD		40.5	7.4	1480	60	120	175	62	6.2
NEW MPN 50 COD		49.5	6.67	1210	60	140	175	94	6.3
NEW MPN 60 COD		59.5	8.25	983	60	140	175	110	6.3
NEW MP 80 COD		79.2	10.67	755	60	140	175	151	6.4
NEW MP 100 COD		99	13.33	605	60	140	175	193	6.6
NEW MP 125 COD		123.8	16.67	486	60	140	175	237	6.7
NEW MP 160 COD		158.4	21.33	378	60	140	175	313	6.9
NEW MP 200 COD		198	26.67	303	60	140	175	366	7.1
NEW MP 250 COD		247.5	33.33	242	60	110	175	380	7.3
NEW MP 315 COD		316.8	42.67	190	60	90	175	380	7.6
NEW MP 400 COD		396	53.33	150	60	70	175	360	8.2
NEW MP 500 COD		495	66.63	120	60	60	140	390	9.4
NEW MP 630 COD		623.6	84	95	60	55	140	440	10.1

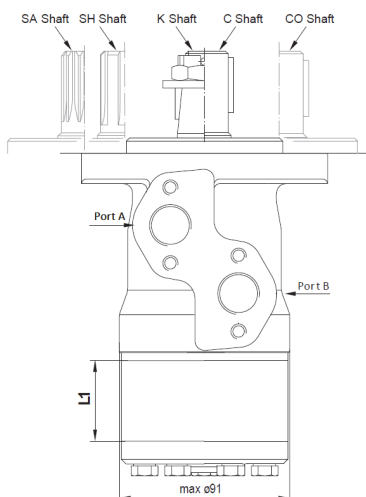
MPN (25-60cc) have needle bearings as standard
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

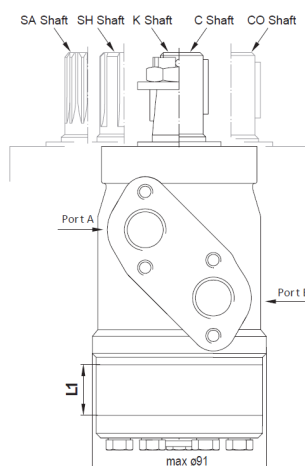
MP	MOUNTING			OPTIONS			DISP.	SHAFTS			SHAFT SEALS			SERIES
Code	Desc.	\$	Code	Desc.	\$	25-630cc	Code	Desc.	\$	Code	Desc.	\$		
-	SAE A 2-bolt 82.5mm Spigot	-	N	Needle Bearings			CO	1" Straight Keyed	-	D	150 Bar *	-		
Q	Square 4-bolt 44.4mm Spigot		E	Rear Ports 1/2" BSPP			C	25mm Straight Keyed	-	U	200 Bar *			
F	Magneto 4-bolt 82.5mm Spigot		SG	Seal Guard			CB	32mm Straight Keyed		V	150 Bar Viton *			
W	Wheel Mount 80mm Spigot						SH	1" 6B Splined		RSL5	Speed Sensor			
WF	Sweepers Special Mount						HB	1.1/4" 14T Splined					* Refer to specifications for performance data	
							K	28.56mm 1:10 Tapered						
							KB	35mm 1:10 Tapered						

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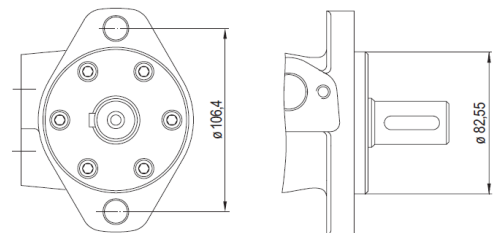
MLHM Standard MP Series



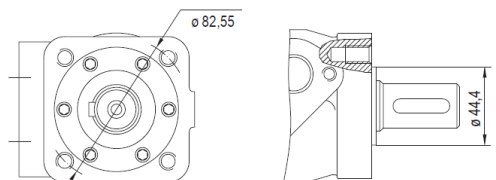
MLHMF MPQ Series



- Standard Mount SAE A 2-bolt



-5 Q Mount M10 4-bolt



MLHP Series Gerotor Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 7/8" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MLHP 25 CN4UE		28.4	5.2	1600	40	100	175	33	6.1
NEW MLHP 32 CN4UE		34.5	6.3	1560	50	100	175	43	6.1
NEW MLHP 40 CN4UE		40.5	7.4	1500	60	120	175	62	6.2
NEW MLHP 50 CN4UE		49.5	6.67	1210	60	140	175	94	6.3
NEW MLHP 60 CN4UE		59.5	8.25	983	60	140	175	110	6.3
NEW MLHP 80 C4UE		79.2	10.67	755	60	140	175	151	6.4
NEW MLHP 100 C4UE		99	13.33	605	60	140	175	193	6.6
NEW MLHP 125 C4UE		123.8	16.67	486	60	140	175	237	6.7
NEW MLHP 160 C4UE		158.4	21.33	378	60	140	175	313	6.9
NEW MLHP 200 C4UE		198	26.67	303	60	140	175	366	7.1
NEW MLHP 250 C4UE		247.5	33.33	242	60	110	175	380	7.3
NEW MLHP 315 C4UE		316.8	42.67	190	60	90	175	380	7.6
NEW MLHP 400 C4UE		396	53.33	150	60	70	175	360	8.2
NEW MLHP 500 C4UE		495	66.63	120	60	60	140	390	9.4
NEW MLHP 630 C4UE		623.6	84	95	60	55	140	440	10.1

CN (25-60cc) have needle bearings as standard
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

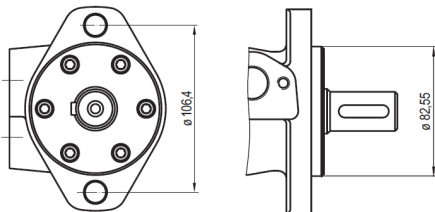
Nomenclature

MLHP	MOUNTING			DISP.	SHAFTS			OPTIONS			PORTS			SHAFT SEALS			MacDon	SERIES
Code	Desc.	\$	25-630cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	Code	\$	
-	SAE A 2-bolt 82.5mm Spigot	-		C	1" Straight Keyed	-	N	Needle Bearings		4	Side Ports 7/8" UNF	-	U	200 Bar*	-	P-04D		
Q	Square 4-bolt 44.4mm Spigot			H	1" Straight Cross Hole 10.3mm Hole					2	Side Ports 1/2" BSPP		V	150 Bar Viton*		P-08D		
				G	1" 6B Splined													

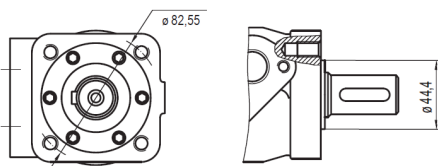
* Refer to specifications for performance data

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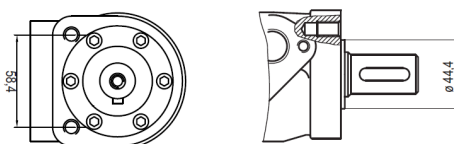
- Standard Mount SAE A 2-bolt



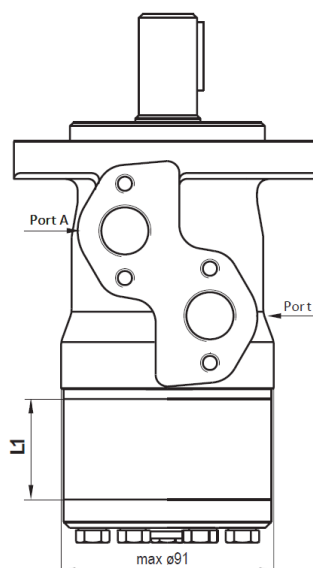
Q Q Mount 3/8" UNC 4-bolt



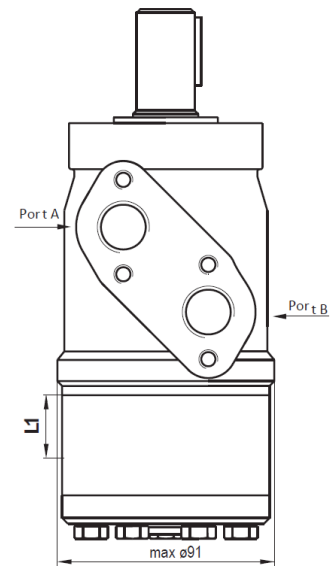
P-04D MACDON Mount 3/8" UNC 2-bolt



MLHP Standard MLHP Series



MLHPQ MLHPQ Series



HP Series Gerotor Motor

Standard Pricing: Shaft 1" Woodruff Keyed, Mount SAE A 2-bolt, Ports 7/8" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW HP 25 C4UE		28.4	5.2	1200	30	100	140	33	5.5
NEW HP 32 C4UE		34.5	6.3	1250	40	125	140	52	5.5
NEW HP 40 C4UE		40.5	7.4	1000	40	125	140	65	5.6
NEW HP 50 C4UE		49.5	6.67	1212	45	125	140	81	5.7
NEW HP 60 C4UE		59.5	8.25	983	50	125	140	89	5.7
NEW HP 80 C4UE		79.2	10.67	758	60	125	140	129	5.8
NEW HP 100 C4UE		99	13.33	606	60	125	140	162	6
NEW HP 125 C4UE		123.8	16.67	485	60	125	140	202	6.1
NEW HP 160 C4UE		158.4	21.33	379	60	115	140	238	6.3
NEW HP 200 C4UE		198	26.67	303	60	105	140	271	6.5
NEW HP 250 C4UE		247.5	33.33	242	60	100	140	323	6.7
NEW HP 315 C4UE		316.8	42.67	189	60	90	140	372	7
NEW HP 400 C4UE		396	53.33	152	60	80	140	414	7.5

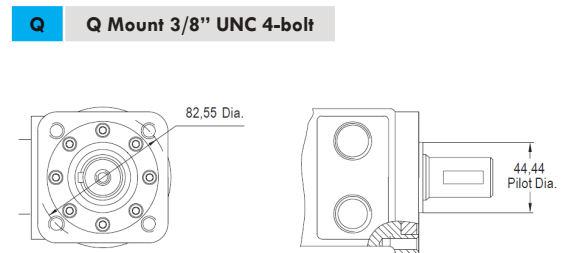
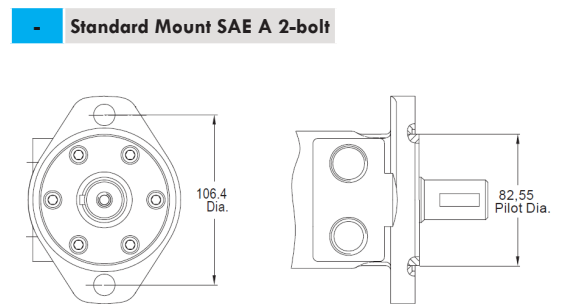
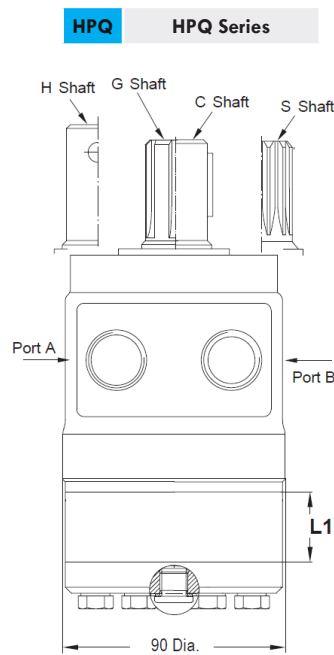
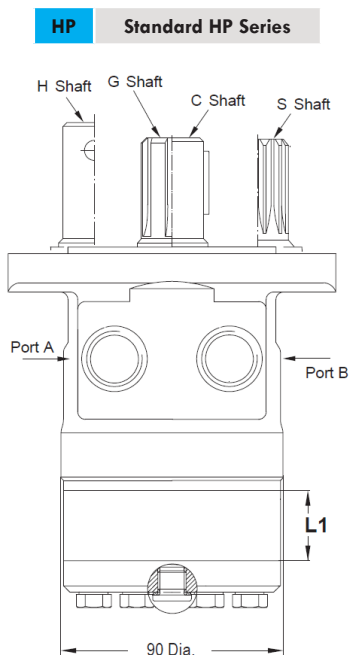
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

HP	MOUNTING			OPTIONS			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	Code	Desc.	\$	25-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	SAE A 2-bolt 82.5mm Spigot	-	N	Needle Bearings			C	1" Straight Woodruff Keyed	-	4	Side Ports 7/8" UNF	-	U	200 Bar *	-		
Q	Square 4-bolt 44.4mm Spigot						CW	25mm Straight Keyed	-	1	Manifold Ports		V	150 Bar Viton *			
							G	1" 6B Splined									
							S	7/8" 13T Splined									
							H	1" Straight Keyed 8mm Cross Hole									
							HPE	1" Straight Keyed 10.3mm Cross Hole									
							TE	1" 1:8 Tapered									

* Refer to specifications for performance data

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PL Series Gerotor Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

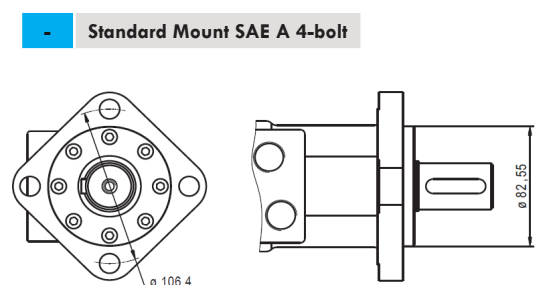
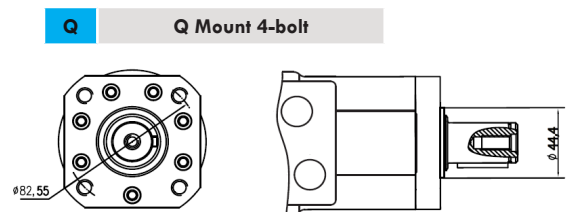
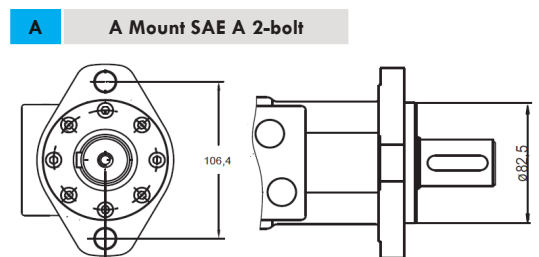
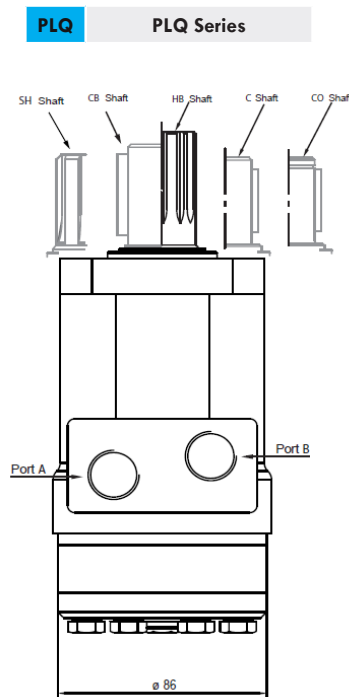
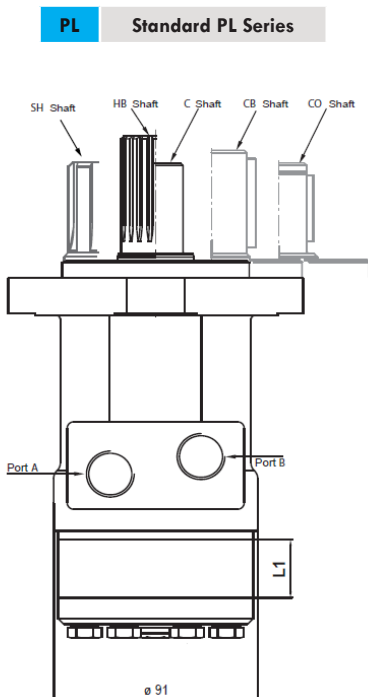
Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW PLA 40 COU		40	7.4	1500	60	120	175	62	7
NEW PLA 50 COU		49.5	6.67	1210	60	140	175	94	7
NEW PLA 80 COU		79.2	10.67	755	60	140	175	151	7.1
NEW PLA 100 COU		99	13.33	605	60	140	175	193	7.2
NEW PLA 125 COU		123.8	16.67	485	60	140	175	237	7.4
NEW PLA 160 COU		158.4	21.33	378	60	140	175	313	7.6
NEW PLA 200 COU		198	26.67	303	60	140	175	366	7.8
NEW PLA 250 COU		247.5	33.33	242	60	110	175	380	8
NEW PLA 315 COU		316.8	42.67	190	60	90	175	380	8.3
NEW PLA 400 COU		396	53.33	150	60	70	175	360	8.6

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

PL	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	40-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
A	SAE A 2-bolt 82.5mm Spigot	-		CO	1" Straight Keyed	-	-	1/2" BSPP	-	U	200 Bar *	-		
Q	Square 4-bolt 44.4mm Spigot			C	25mm Straight Keyed	-	4	7/8" UNF		V	100 Bar Viton *			
F	Magneto 4-bolt 82.5mm Spigot			CB	32mm Straight Keyed					* Refer to specifications for performance data				
-	SAE A 4-bolt 82.55mm Spigot	-		SH	1" 6B Splined									
				HB	1.1/4" 14T Splined									

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MR Series Geroler Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MR 50 COD		51.5	9	775	40	140	175	100	7.2
NEW MR 80 COD		80.3	14	750	60	175	175	200	7.4
NEW MR 100 COD		99.8	17.4	600	60	175	175	240	7.6
NEW MR 125 COD		125.7	21.8	475	60	175	175	300	7.9
NEW MR 160 COD		159.6	27.8	375	60	175	175	390	8.3
NEW MR 200 COD		199.8	34.8	300	60	140	175	385	8.6
NEW MR 250 COD		250.1	43.5	240	60	110	175	390	9
NEW MR 315 COD		315.7	54.8	190	60	85	175	360	9.5
NEW MR 400 COD		397	69.4	150	60	65	175	380	10.3

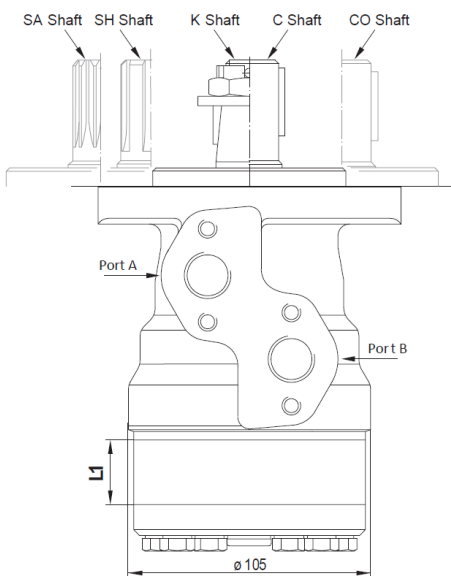
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

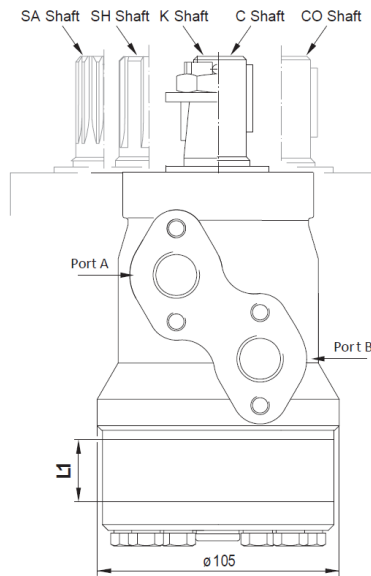
MR	MOUNTING			OPTIONS			DISP.	SHAFTS			SHAFT SEALS			SPEED SENSORS			SERIES
Code	Desc.	\$	Code	Desc.	\$	50-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	SAE A 2-bolt 82.5mm Spigot	-	N	Needle Bearings			CO	1" Straight Keyed	-	D	150 Bar *	-	RS	Speed Sensor			
Q	Square 4-bolt 44.4mm Spigot		E	Rear Ports 1/2" BSPP			C	25mm Straight Keyed	-	U	200 Bar *		RS-L3.5	Speed Sensor 3.5 M Lead			
F	Magneto 4-bolt 82.5mm Spigot						CB	32mm Straight Keyed		V	150 Bar Viton *		T	Tacho Connection			
							SH	1" 6B Splined		* Refer to specifications for performance data			B/MR	Brake			
							HB	1.1/4" 14T Splined									
							K	28.56mm 1:10 Tapered									
							KB	35mm 1:10 Tapered									

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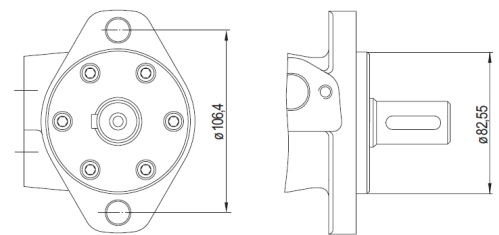
MR Standard HP Series



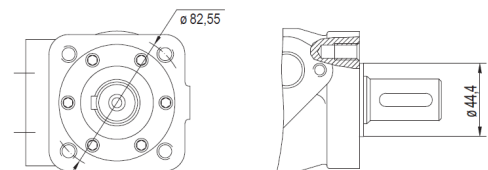
MRQ MRQ Series



- Standard Mount SAE A 2-bolt



Q Q Mount M10 4-bolt



MLHR Series Geroler Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 7/8" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MLHR 50 C4U		51.5	9	775	40	140	175	100	7.2
NEW MLHR 80 C4U		80.3	14	750	60	175	175	200	7.4
NEW MLHR 100 C4U		99.8	17.4	600	60	175	175	240	7.6
NEW MLHR 125 C4U		125.7	21.8	475	60	175	175	300	7.9
NEW MLHR 160 C4U		159.6	27.8	375	60	175	175	390	8.3
NEW MLHR 200 C4U		199.8	34.8	300	60	140	175	385	8.6
NEW MLHR 250 C4U		250.1	43.5	240	60	110	175	390	9
NEW MLHR 315 C4U		315.7	54.8	190	60	90	175	390	9.5
NEW MLHR 400 C4U		397	69.4	150	60	70	175	380	10.3

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

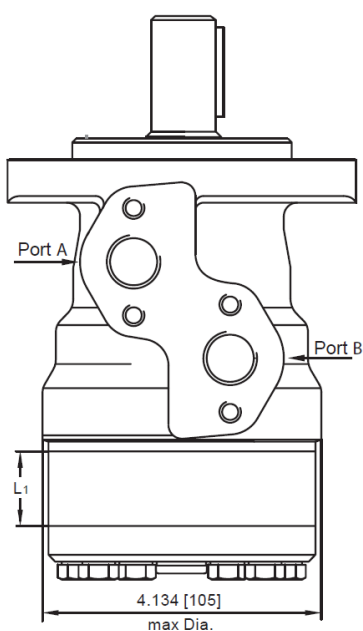
Nomenclature

MLHR	MOUNTING			DISP.	SHAFTS			OPTIONS			PORTS			SHAFT SEALS			SERIES
	Code	Desc.	\$	50-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	
	-	SAE A 2-bolt 82.5mm Spigot	-		C	1" Straight Keyed	-	N	Needle Bearings		4	7/8" UNF	-	D	150 Bar *	-	
	Q	Square 4-bolt 44.4mm Spigot			K	1.1/4" Straight Keyed					2	1/2" BSPP	-	U	200 bar *	-	
	F	Magneto 4-bolt 82.5mm Spigot			H	1" Straight Cross Hole 10.5mm Hole								UK	200 bar Shaft Seal + Check Valves *		
	W	Wheel 4-bolt 82.5mm Spigot	-		R	1.1/4" 1:8 Tapered											

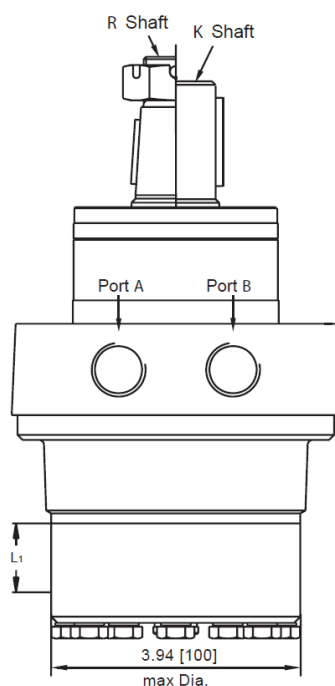
* Refer to specifications for performance data

Seal Kits - page 167

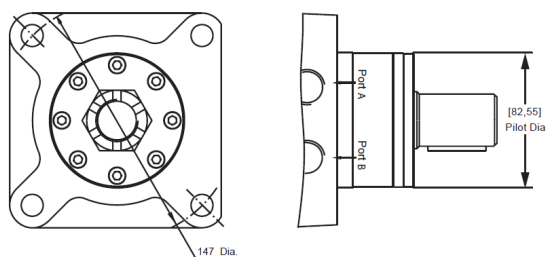
MLHRF MLHRF Series



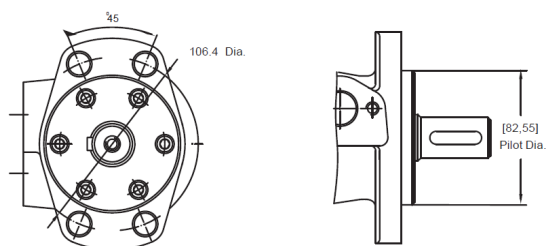
MLHRW MLHRW Series



W Wheel Mount 4-bolt



F Magneto Mount, Oval 4-bolt



HR Series Geroler Motor

Standard Pricing: Shaft 1" Woodruff Keyed, Mount SAE A 2-bolt, Ports 7/8" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW HR 50 C4UE		51.5	9	777	40	140	140	98	6.6
NEW HR 80 C4UE		80.3	14	747	60	140	140	152	6.7
NEW HR 100 C4UE		99.8	17.4	601	60	140	140	189	7
NEW HR 125 C4UE		122.5	17.4	490	60	140	140	232	7.1
NEW HR 160 C4UE		153.6	21.8	391	60	140	140	291	7.3
NEW HR 200 C4UE		195.8	27.8	306	60	125	140	331	7.8
NEW HR 250 C4UE		245	34.8	245	60	105	140	348	8.2
NEW HR 315 C4UE		306	43.5	196	60	100	140	414	8.9
NEW HR 400 C4UE		386	54.8	155	60	85	140	444	9.6

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

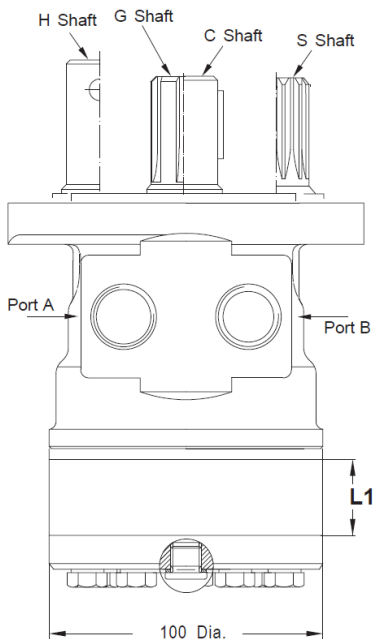
Nomenclature

HR	MOUNTING			OPTIONS			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	Code	Desc.	\$	50-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	SAE A 2-bolt 82.5mm Spigot	-	N	Needle Bearings			C	1" Straight Woodruff Keyed	-	4	Side Ports 7/8" UNF	-	U	200 Bar *	-		
Q	Square 4-bolt 44.4mm Spigot						CW	25mm Straight Keyed	-	1	Manifold Ports		V	150 Bar Viton *			
							G	1" SAE 6B Splined									
							S	7/8" 13T Splined									
							H	1" Straight Keyed 8mm Cross Hole									
							HPE	1" Straight Keyed 10.3mm Cross Hole									
							TE	1" 1:8 Tapered									

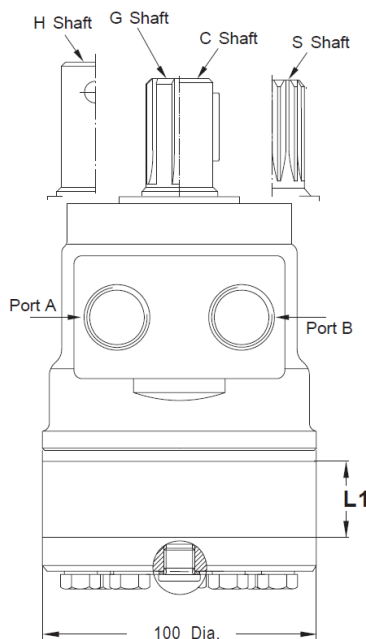
* Refer to specifications for performance data

Seal Kits - page 167

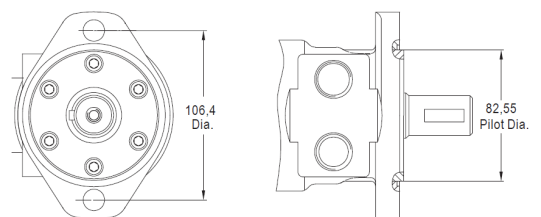
HR Standard HR Series



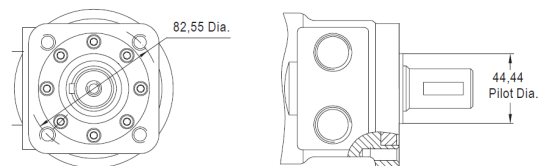
HRQ HRQ Series



- Standard Mount SAE A 2-bolt



Q Q Mount 3/8" UNC 4-bolt



RL Series Geroler Motor

Standard Pricing: Shaft 1" Straight Keyed, Mount SAE A 2-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

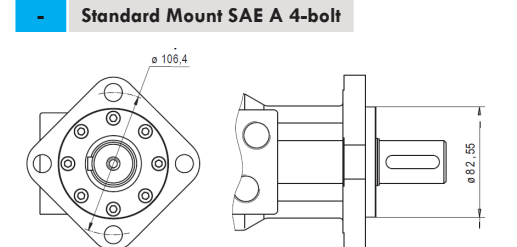
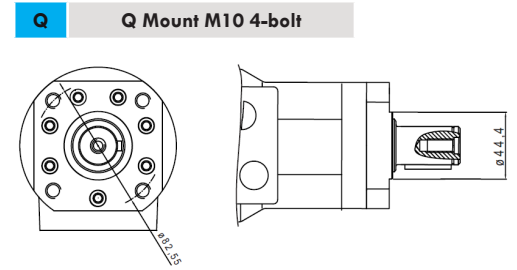
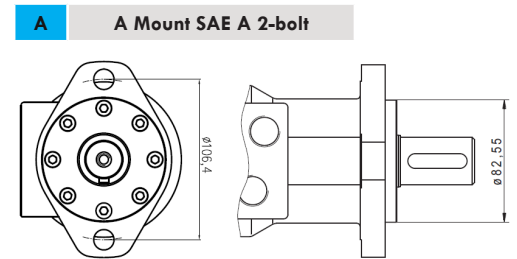
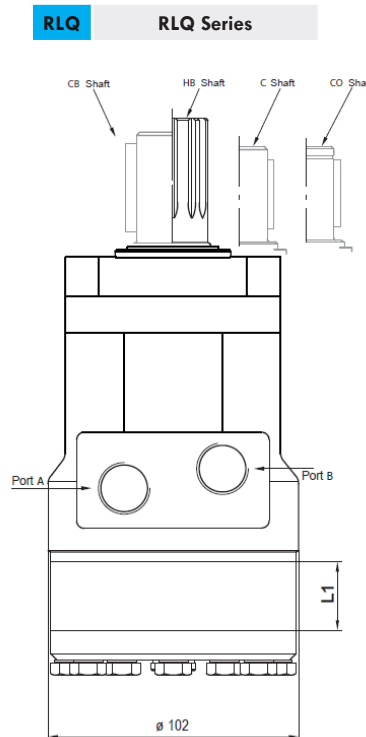
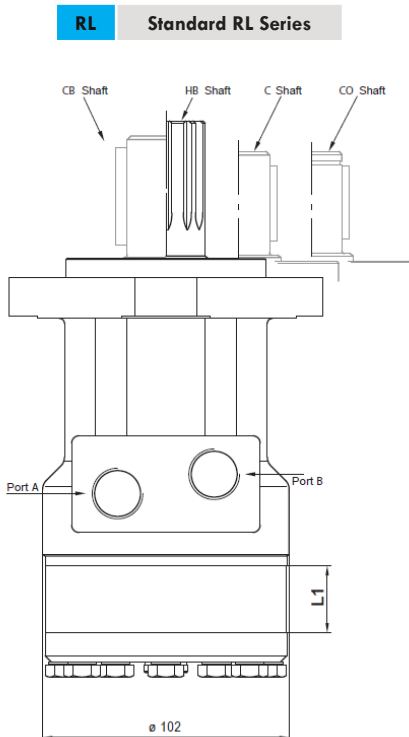
Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW RLA 50 COU		51.5	9	775	40	140	175	100	8.5
NEW RLA 80 COU		80.3	14	750	60	175	175	200	8.6
NEW RLA 100 COU		99.8	17.4	600	60	175	175	240	8.9
NEW RLA 125 COU		125.7	21.8	475	60	175	175	300	9
NEW RLA 160 COU		159.6	27.8	375	60	175	175	390	9.2
NEW RLA 200 COU		199.8	34.8	300	60	175	175	450	9.6
NEW RLA 250 COU		250.1	43.5	240	60	175	175	540	10.1
NEW RLA 315 COU		315.7	54.8	190	60	135	175	550	10.8
NEW RLA 400 COU		397	69.4	150	60	115	175	610	11.5

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

RL	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	50-400cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
A	SAE A 2-bolt 82.5mm Spigot	-		CO	1" Straight Keyed	-	-	1/2" BSPP	-	U	200 Bar *	-		
Q	Square 4-bolt 44.4mm Spigot			C	25mm Straight Keyed	-	4	7/8" UNF		V	100 Bar Viton *			
F	Magneto 4-bolt 82.5mm Spigot			CB	32mm Straight Keyed					* Refer to specifications for performance data				
-	SAE A 4-bolt 82.5mm Spigot	-		SH	1" 6B Splined									
				HB	1.1/4" 14T Splined									
				KB	35mm 1:10 Tapered									

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MH Series Geroler Motor

Standard Pricing: Shaft 32mm Straight Keyed, Mount Magneto 4-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MH 200 CU		201.3	27.8	370	75	175	200	510	10.5
NEW MH 250 CU		252	34.8	295	75	175	200	610	11
NEW MH 315 CU		314.9	43.5	235	75	175	200	740	11.5
NEW MH 400 CU		396.8	54.8	185	75	175	200	840	12.3
NEW MH 500 CU		502.4	69.4	150	75	175	200	820	13

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

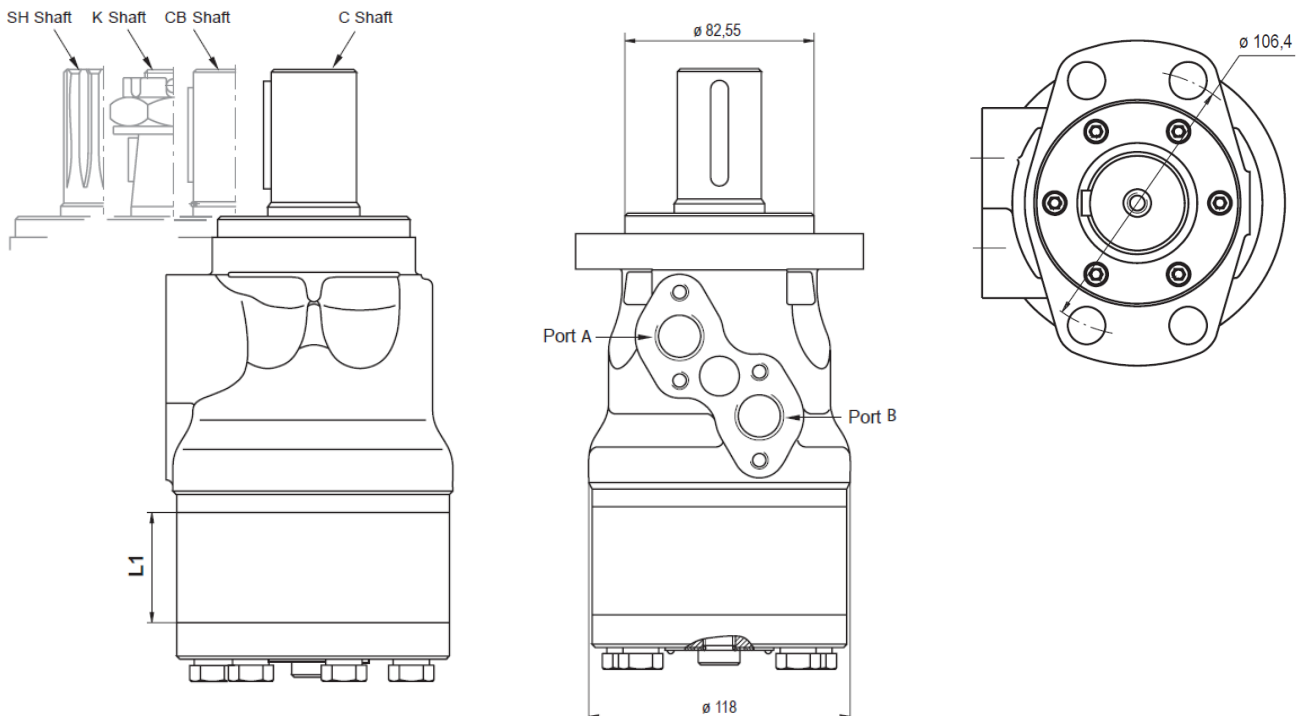
Nomenclature

MH	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	200-500cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	Magneto 4-bolt 82.5mm Spigot	-		C	32mm Straight Keyed	-	-	Side Ports 1/2" BSPP	-	-	100 Bar *	-		
				CB	35mm Straight Keyed		*	Side Ports 7/8" UNF	-	U	150 Bar *	-		
				*	1.1/4" Straight Keyed	-		* Contact office			* Refer to specifications for performance data			
				SH	1.1/4" 14T Splined									
				K	35mm 1:10 Tapered									

* Contact office

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MH Standard MH Series



RW Series Geroler Motor

Standard Pricing: Shaft 35mm 1:10 Taper, Mount Wheel 4-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW RW 50 KBU		51.5	9	775	40	140	175	100	9.6
NEW RW 80 KBU		80.3	14	750	60	175	175	200	9.7
NEW RW 100 KBU		99.8	17.4	600	60	175	175	240	9.8
NEW RW 125 KBU		125.7	21.8	475	60	175	175	300	10
NEW RW 160 KBU		159.6	27.8	375	60	175	175	390	10.3
NEW RW 200 KBU		199.8	34.8	300	60	175	175	450	10.8
NEW RW 250 KBU		250.1	43.5	300	75	175	175	540	11.3
NEW RW 315 KBU		315.7	54.8	240	75	135	175	550	11.8
NEW RW 400 KBU		397	69.4	190	75	110	175	610	12.5

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

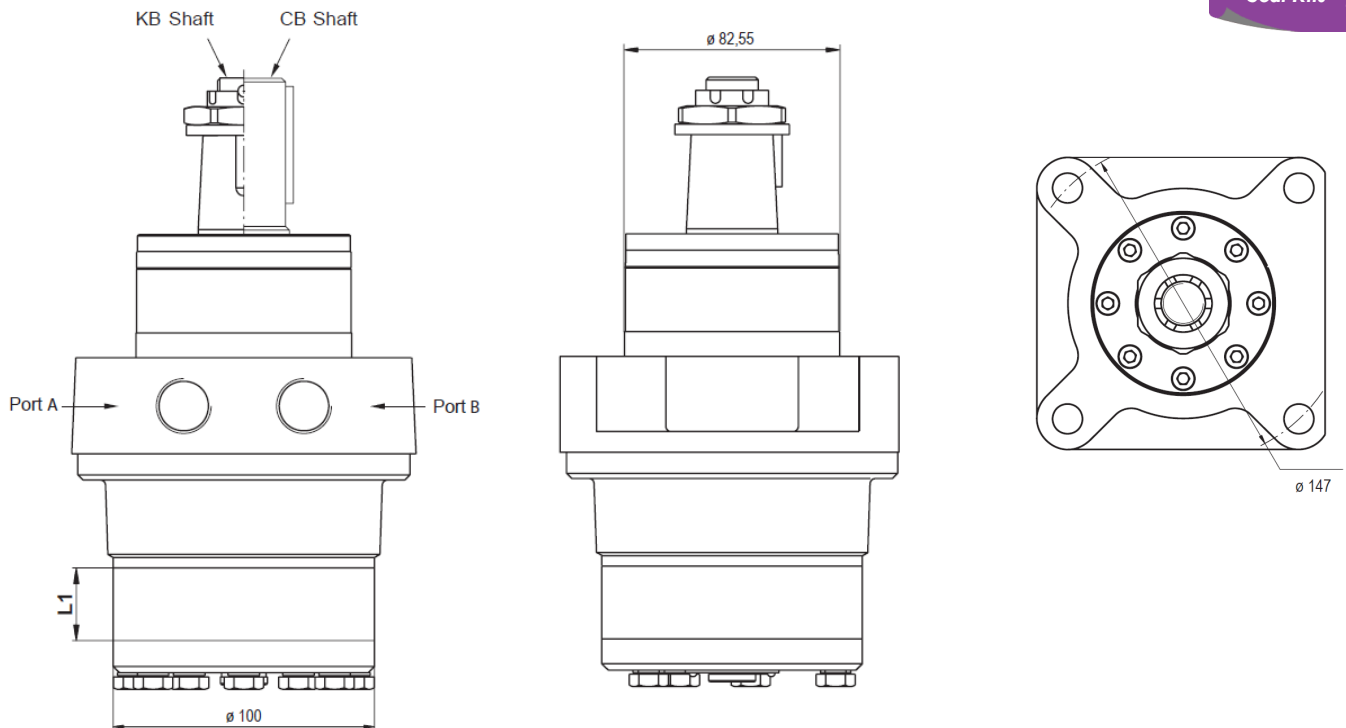
Nomenclature

RW	DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
	200-500cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	
		KB	35mm 1:10 Tapered	-	-	Side Ports 1/2" BSPP	-	U	200 Bar *	-	
		CB	32mm Straight Keyed	-	-	For UNF Ports, see MLHRW model (pXXX)	-	UK	200 Bar Shaft Seal + Check Valves *		

* Refer to specifications for performance data

RW Standard RW Series

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HW Series Heavy Duty Motor

Standard Pricing: Shaft 1.1/4" 1:8 Tapered, Mount Wheel 4-bolt, Ports 7/8" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW HWS 125 R4V		126	17.4	357	45	205	210	350	14.5
NEW HWS 160 R4V		157.8	21.8	380	60	205	210	440	15
NEW HWS 200 R4V		201.3	27.8	373	75	205	210	550	15.5
NEW HWS 235 R4V		235.3	32.5	319	75	205	210	645	16
NEW HWS 250 R4V		252	34.8	298	75	205	210	690	16
NEW HWS 300 R4V		300	41.4	250	75	205	210	810	16.5
NEW HWS 315 R4V		314.9	43.5	238	75	205	210	850	16.5
NEW HWS 350 R4V		347.8	48	216	75	205	210	940	17
NEW HWS 370 R4V		369.2	51	203	75	205	210	960	17
NEW HWS 400 R4V		396.8	54.8	189	75	185	210	960	17.5
NEW HWS 470 R4V		470.6	65	159	75	150	210	920	18.3
NEW HWS 500 R4V		502.4	69.4	149	75	140	210	910	18.6
NEW HWS 535 R4V		535	74.1	140	75	130	210	900	19
NEW HWS 550 R4V		550	76	136	75	125	210	890	19.1

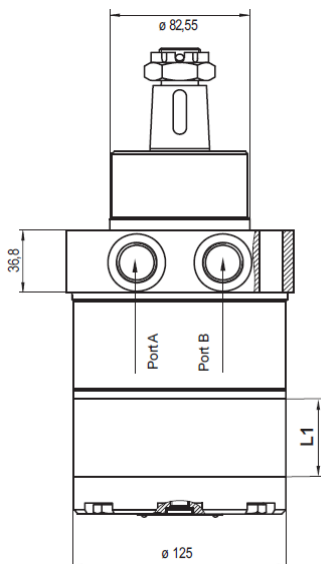
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

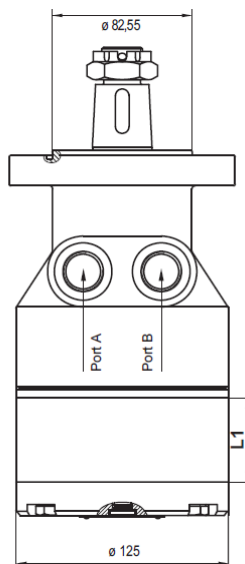
HW	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	125-550cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
S	Wheel Mount 82.55mm Spigot	-		CO	25mm Straight Keyed	-	4	Side Ports 7/8" UNF	-	V	150 Bar Viton *	-		
F	Magneto 6-bolt 82.55mm Spigot	-		CO1	1" Straight Keyed	-				* Refer to specifications for performance data				
				SH	1" 6B Splined									
				R	1.1/4" 1:8 Tapered	-								
				RG	1.3/8" 1:8 Tapered									
				T	1.1/2" 1:8 Tapered									
				L	1.1/4" 14T Splined									
				K	1.1/4" Straight Keyed	-								
				M	32mm Straight Keyed	-								

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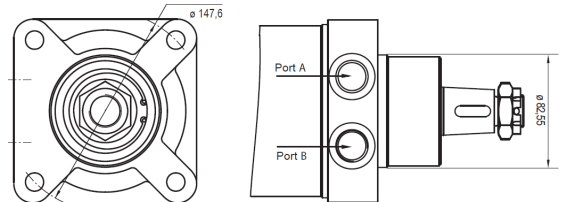
HWS Dingo Design Wheel Mount



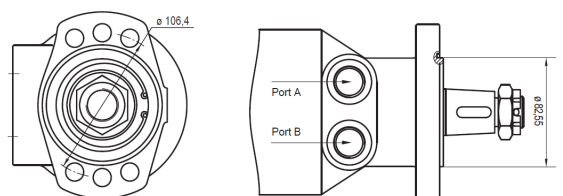
HWF Magneto Mount



S Wheel Mount 4-bolt



F Magneto Mount, Oval 6-bolt



MS Series Disc Valve Motor

Standard Pricing: Shaft 1.1/4" Straight Keyed, Mount SAE A 4-bolt, Ports 1/2" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MS 80 COU		80.5	14	810	65	210	230	240	10.4
NEW MS 100 COU		100	17.4	750	75	210	230	305	10.6
NEW MS 125 COU		125.7	21.8	600	75	210	230	375	10.9
NEW MS 160 COU		159.7	27.8	470	75	210	230	490	11.3
NEW MSY 200 COU		200	34.8	375	75	210	230	610	11.7
NEW MSY 250 COU		250	43.5	300	75	200	230	720	12.2
NEW MSY 315 COU		314.9	54.8	240	75	200	230	825	12.9
NEW MSY 400 COU		397	69.4	190	75	160	230	865	13.8
NEW MSY 475 COU		474.6	82.6	160	75	130	230	850	14.9
NEW MS 525 COU		522.7	74.5	145	75	115	230	850	15.1
NEW MS 565 COU		564.9	80.2	130	75	105	230	850	15.5

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

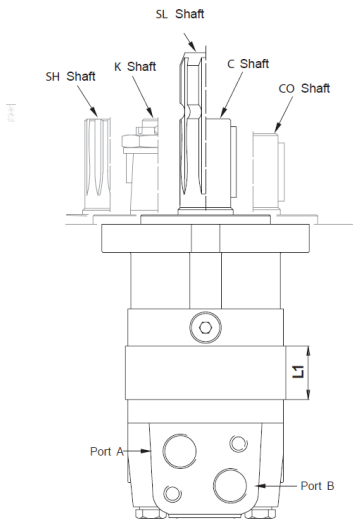
Nomenclature

MS/MSY	MOUNTING			DISP.	SHAFTS			SHAFT SEAL			SPEED SENSORS			SERIES	
	Code	Desc.	\$	80-565cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
MSY used for 200-475cc	-	SAE A 4-bolt 82.5mm Spigot	-		CO	1.1/4" Straight Keyed	-	U	150 Bar *	-	RS	NPN/PNP Output			
	A	SAE A 2-bolt 82.5mm Spigot	-		C	32mm Straight Keyed	-				RS-L3.5	NPN/PNP 3.5M Lead			
	Q	Square 4-bolt 82.5mm Spigot			SH	1.1/4" 14T Splined									
	F	Magneto 4-bolt 82.5mm Spigot			SL	1.3/8" 6T Splined PTO									
	W	Wheel Mount 125mm Spigot			K	35mm 1:10 Tapered									
	S	Short Motor 100mm Spigot													

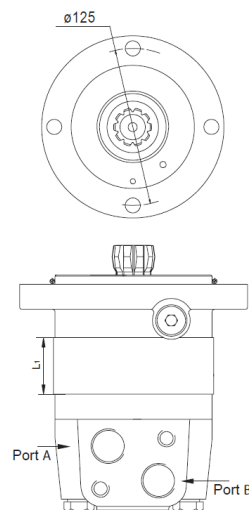
* Refer to specifications for performance data

Seal Kits - page 167

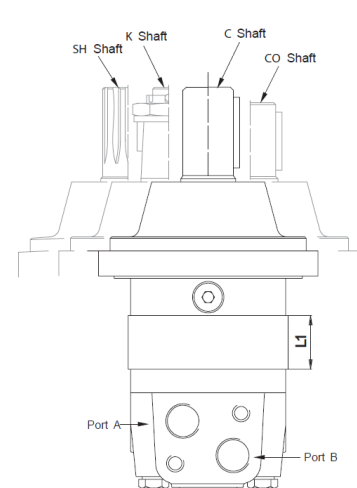
MS Standard MS Series



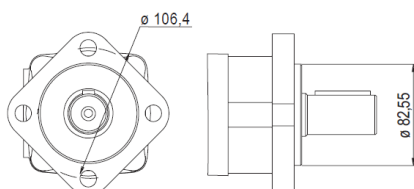
S Short Motor MSS Series



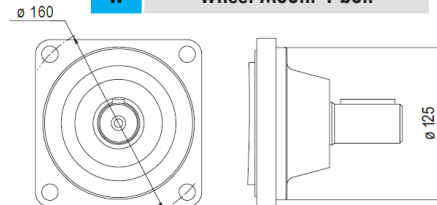
W Wheel Mount MSW Series



- Standard Mount SAE 4-bolt



W Wheel Mount 4-bolt



MLHS Series Disc Valve Motor

Standard Pricing: Shaft 1.1/4" Straight Keyed, Mount SAE A 4-bolt, Ports 7/8" UNF, Case 7/16" UNF

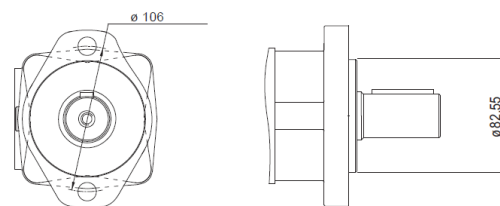
Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MLHS 80 C4U		80.5	14	810	65	210	230	240	10.4
NEW MLHS 100 C4U		100	17.4	750	75	210	230	305	10.6
NEW MLHS 125 C4U		125.7	21.8	600	75	210	230	375	10.9
NEW MLHS 160 C4U		159.7	27.8	470	75	210	230	490	11.3
NEW MLHSY 200 C4U		200	34.8	375	75	210	230	610	11.7
NEW MLHSY 250 C4U		250	43.5	300	75	200	230	720	12.2
NEW MLHSY 315 C4U		314.9	54.8	240	75	200	230	825	12.9
NEW MLHSY 400 C4U		397	69.4	190	75	160	230	865	13.8
NEW MLHSY 475 C4U		474.6	82.6	160	75	130	230	850	14.9
NEW MLHS 525 C4U		522.7	74.5	145	75	115	230	850	15.1
NEW MLHS 565 C4U		564.9	80.2	130	75	105	230	850	15.5

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

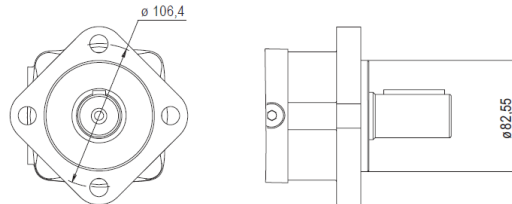
Nomenclature

MLHS/Y	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SPEED SENSORS			SERIES
	Code	Desc.	\$		Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$	
MLHSY used for 200-475cc	-	SAE A 4-bolt 82.5mm Spigot	-	80-565cc	C	1.1/4" Straight Keyed	-	4	Side Ports 7/8" UNF	-	U	150 Bar*	-	RS	NPN/PNP Output		
	A	SAE A 2-bolt 82.5mm Spigot	-		D	1" Straight Keyed	-	2	Side Ports 1/2" BSPP	-				R5-L3.5	NPN/PNP 3.5M Lead		
	F	Magneto 4-bolt 82.5mm Spigot			CA	25mm Straight Keyed	-										
	B	SAE B 2-bolt 101.6mm Spigot			M	32mm Straight Keyed	-										
	E	Wheel Mount 107.95mm Spigot			SR	7/8" 13T Splined											
					S	1" 6B Splined											
					G	1.1/4" 14T Splined											
					T	1.1/4" 1:8 Tapered											
					H02D	1.1/4" Straight Keyed 10.3mm Cross Hole											

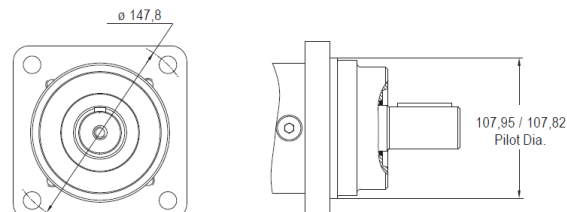
A A Mount SAE A 2-bolt



- Standard Mount SAE A 4-bolt



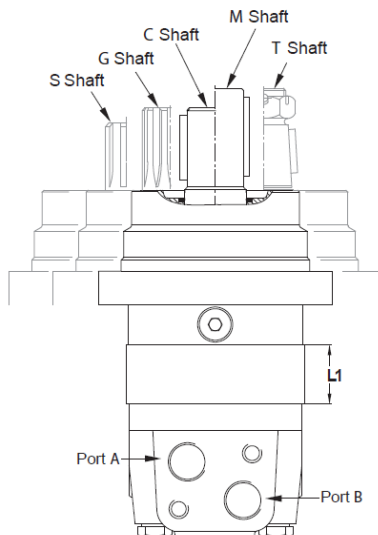
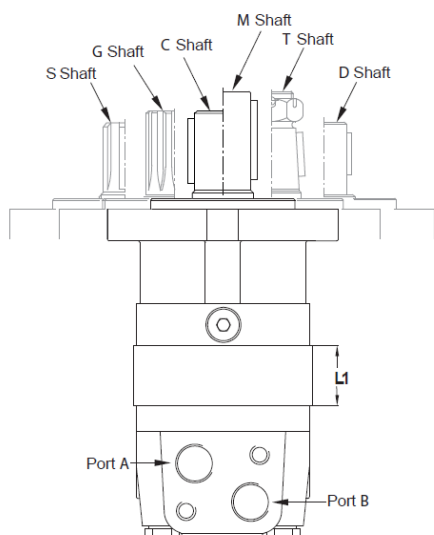
E Wheel Mount 4-bolt



Seal Kits - page 167

MLHS Standard MLHS Series

MLHSE Wheel Mount MLHSE Series



MYZ Series Disc Valve Motor

Standard Pricing: Shaft 1.1/4" Straight Keyed, Mount SAE B 4-bolt, Ports 1.1/16" UNF, Case 7/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MYZ4B 160 DR4U		157.9	21.8	570	90	205	22	425	15
NEW MYZ4B 200 DR4U		201.3	27.8	445	90	205	22	550	16
NEW MYZ4B 250 DR4U		252.2	34.8	355	90	205	21	700	17
NEW MYZ4B 315 DR4U		314.9	43.5	285	90	205	20	850	18
NEW MYZ4B 400 DR4U		396.8	54.8	225	90	185	17.5	970	19
NEW MYZ4B 470 DR4U		470.5	65	190	90	140	14	950	20
NEW MYZ4B 550 DR4U		550	76	160	90	125	12	910	22

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

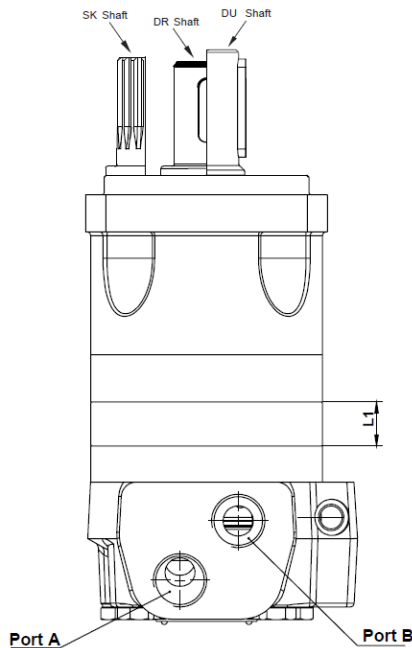
Nomenclature

MYZ	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	160-550cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
4B	SAE B 4-hole 101.6mm Spigot	-		DR	1.1/4" Straight Keyed	-	4	1.1/16" UNF	-	U	100 Bar *	-		
4C	SAE C 4-hole 127mm Spigot			DU	1.1/2" Straight Keyed									
				SK	1.1/4" 14T Splined									
				TP	1.1/4" 1:8 Tapered									

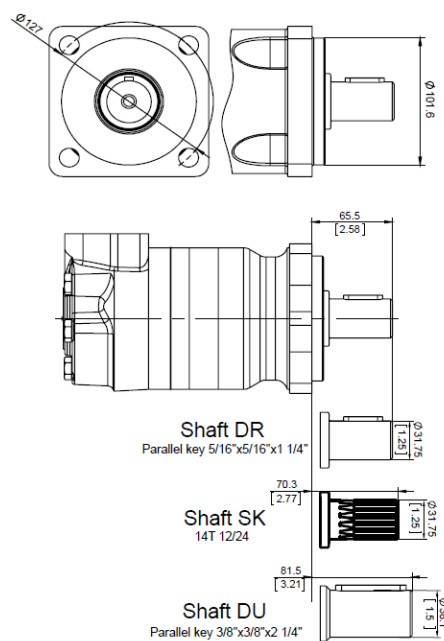
* Refer to specifications for performance data

Seal Kits - page 167

MYZ Standard MYZ4B Series



4B Mount SAE B 4-bolt



MT Series Disc Valve Motor

Standard Pricing: Shaft 40mm Straight Keyed, Mount 4-bolt, Ports 3/4" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MT 160 CU		161.1	16.5	622	100	200	210	470	21
NEW MT 200 CU		201.4	21.5	620	125	200	210	590	21.5
NEW MT 250 CU		251.8	27.8	496	125	200	210	730	22
NEW MT 315 CU		326.3	37	382	125	200	210	950	23
NEW MT 400 CU		410.9	47.5	304	125	180	210	1080	24
NEW MT 500 CU		523.6	61.5	238	125	160	210	1220	25
NEW MT 630 CU		631.2	57.5	197	125	140	210	1300	25.5
NEW MT 725 CU		724.3	66.5	172	125	120	210	1270	26

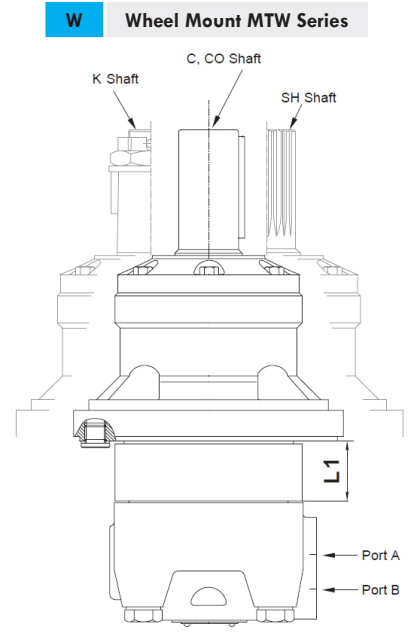
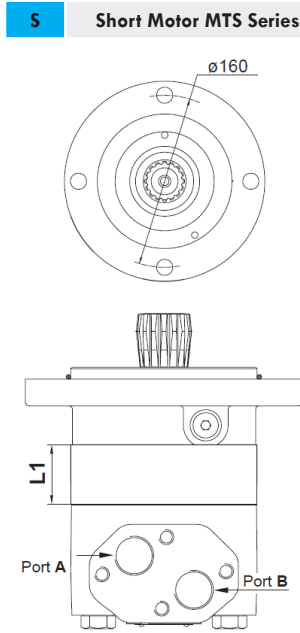
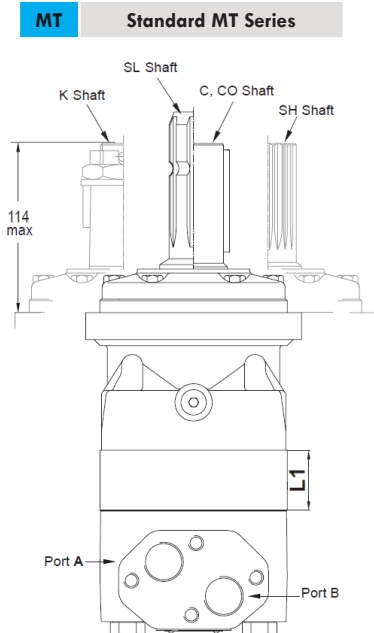
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

MT	MOUNTING			DISP.	SHAFTS			SHAFT SEALS & SPEED SENSORS			SERIES
	Code	Desc.	\$		Code	Desc.	\$	Code	Desc.	\$	
-	Square 4-hole 125mm Spigot	-		160-725cc	C	40mm Straight Keyed	-	U	100 Bar Shaft Seal *	-	
W	Wheel Mount 160mm Spigot				CO	1.1/2" Straight Keyed		HD	Reinforced Seals		
S	Short Motor 125mm Spigot				SH	1.1/2" 17T Splined		RS	Speed Sensor		
					SH-06	1.1/4" 14T Splined		RS-L3.5	Speed Sensor 3.5M Lead		
					SL	1.3/8" 6T Splined PTO		T	Tacho Connection		
					K	45mm 1:10 Tapered					

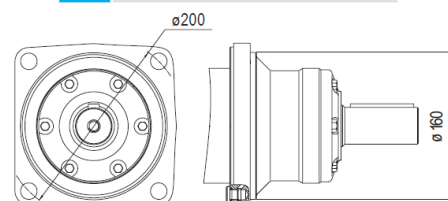
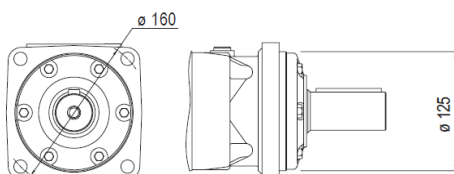
* Refer to specifications for performance data

Seal Kits - page 167



- Standard Mount SAE 4-bolt

W Wheel Mount 4-bolt



MLHT Series Disc Valve Motor

Standard Pricing: Shaft 1.1/2" Straight Keyed, Mount SAE C 4-bolt, Ports 1.1/16" UNF, Case 9/16" UNF

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MLHT 160 C4U		161.1	16.5	622	100	200	210	470	21
NEW MLHT 200 C4U		201.4	21.5	620	125	200	210	590	21.5
NEW MLHT 250 C4U		251.8	27.8	496	125	200	210	730	22
NEW MLHT 315 C4U		326.3	37	382	125	200	210	950	23
NEW MLHT 400 C4U		410.9	47.5	304	125	180	210	1080	24
NEW MLHT 500 C4U		523.6	61.5	238	125	160	210	1220	25
NEW MLHT 630 C4U		631.2	57.5	197	125	140	210	1300	25.5
NEW MLHT 725 C4U		724.3	66.5	172	125	120	210	1270	26

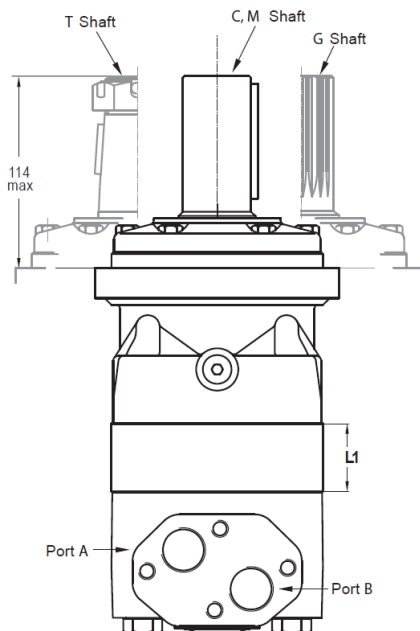
To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

Nomenclature

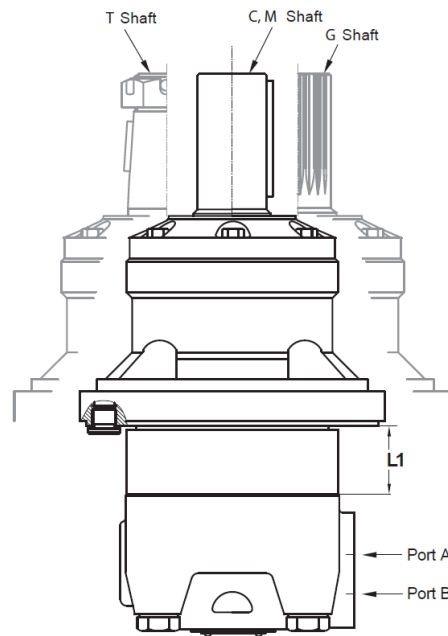
MLHT	MOUNTING			DISP.	SHAFTS			PORTS			SHAFT SEALS			SERIES
Code	Desc.	\$	160-725cc	Code	Desc.	\$	Code	Desc.	\$	Code	Desc.	\$		
-	SAE C 4-bolt 127mm Spigot	-		C	1.1/2" Straight Keyed	-	4	1.1/16" UNF	-	U	100 Bar Shaft Seal *	-		
W	Wheel Mount 160mm Spigot			M	40mm Straight Keyed	-				HD	Reinforced Seals			
				G	1.1/2" 17T Splined									
				T	45mm 1:8 Tapered									

* Refer to specifications for performance data

MLHT Standard MLHT Series

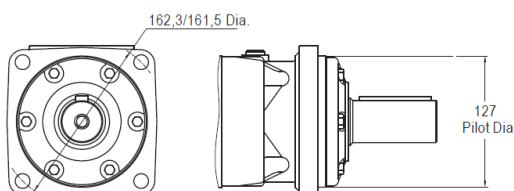


MLHTW Wheel Mount MLHTW Series

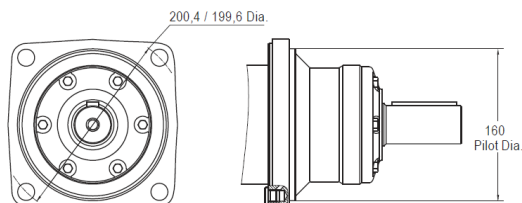


Seal Kits - page 167

- Standard Mount SAE C 4-bolt



W Wheel Mount 4-bolt



MTM Series Disc Valve Motor

Standard Pricing: Shaft 40mm Keyed, Mount Standard 4-bolt, Ports 3/4" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MTM 200 CU		201.4	25	625	125	250	270	720	27.9
NEW MTM 250 CU		251.8	31.3	500	125	250	270	900	28.3
NEW MTM 315 CU		326.3	40.5	380	125	250	270	1160	29.1
NEW MTM 400 CU		410.9	51	305	125	250	270	1470	30
NEW MTM 470 CU		475	59	260	125	250	270	1710	30.7
NEW MTM 500 CU		523.6	65	240	125	230	270	1720	31.2
NEW MTM 630 CU		631.2	61	190	125	200	270	1830	30.7
NEW MTM 725 CU		724	70	170	125	160	270	1600	32

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

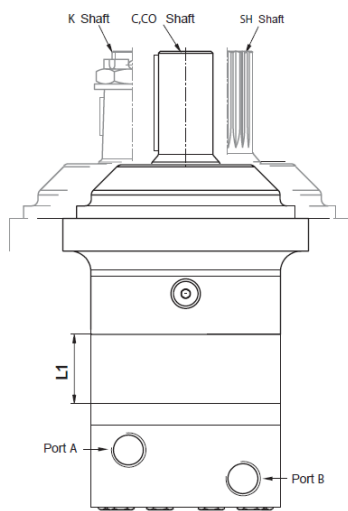
Nomenclature

MTM	MOUNTING			DISP.	SHAFTS			SHAFT SEALS			SERIES
Code	Desc.	\$	200-725cc	Code	Desc.	\$	Code	Desc.	\$		
-	Square 4-bolt 160mm Spigot	-		C	40mm Straight Keyed	-	U	75 Bar *	-		
C	Square 4-bolt 125mm Spigot			SH	1.1/2" 17T Splined		HD	Reinforced Seals			
W	Wheel Mount 160mm Spigot			K	50mm 1:10 Tapered						
V	Very Short Motor 9-bolt Mount										

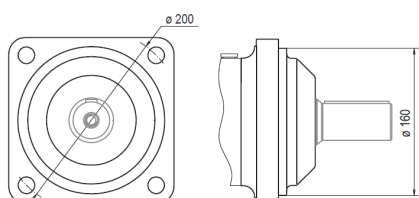
* Refer to specifications for performance data

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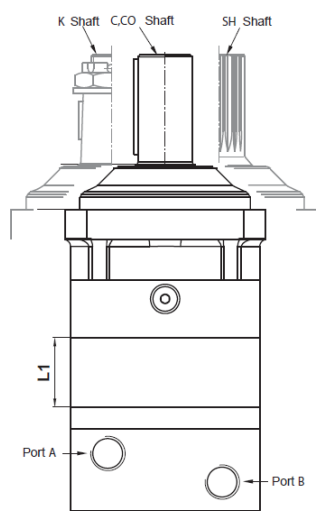
MTM Standard MTM Series



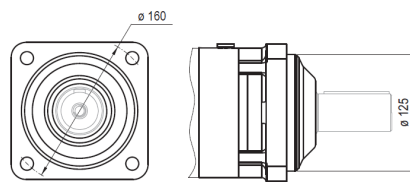
- Standard Mount 4-bolt



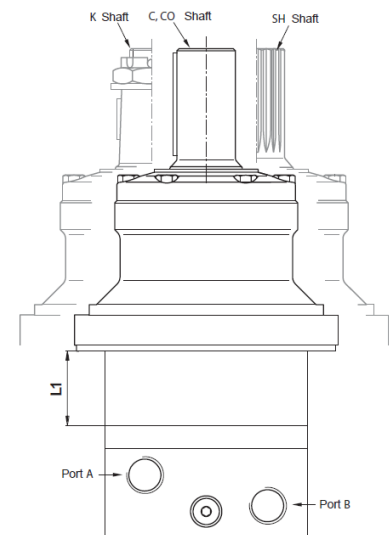
MTMC MTMC Series



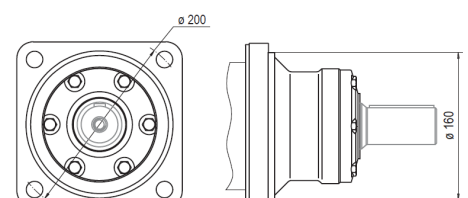
C Mount 4-bolt



MTMW MTMW Series



W Wheel Mount 4-bolt



MV Series Disc Valve Motor

Standard Pricing: Shaft 50mm Straight Keyed, Mount 4-bolt, Ports 1" BSPP, Case 1/4" BSPP

Part #	List Price \$	DISPLACEMENT	ROTOR	SPEED	FLOW	PRESSURE DROP	INLET PRESSURE	TORQUE	WEIGHT
		(cc)	Width L1 (mm)	Max. Cont. (RPM)	Max. Cont. (LPM)	Max. Cont. (Bar)	Max. Cont. (Bar)	Max. Cont. (Nm)	(Kg)
NEW MV 315 CU		314.5	22	510	160	200	210	920	32.8
NEW MV 400 CU		400.9	29	500	200	200	210	1180	33.6
NEW MV 500 CU		499.6	37	400	200	200	210	1460	34.5
NEW MV 630 CU		629.1	47.5	320	200	180	210	1660	35.9
NEW MV 800 CU		801.8	61.5	250	200	160	210	1880	37.5

To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes

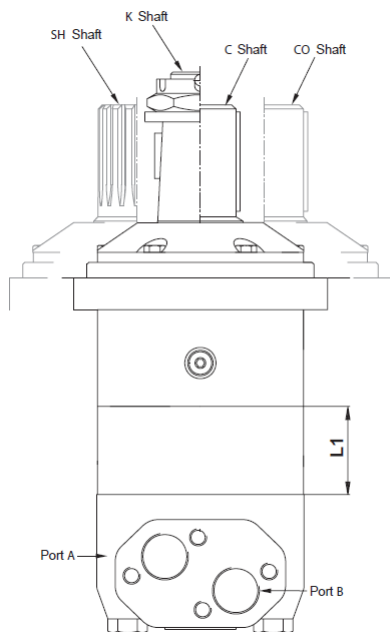
Nomenclature

MV	MOUNTING			DISP.	SHAFTS			SHAFT SEALS			SERIES
Code	Desc.	\$	315-800cc	Code	Desc.	\$	Code	Desc.	\$		
-	Square 4-bolt 160mm Spigot	-		C	50mm Straight Keyed	-	U	60 Bar *	-		
C	SAE C 4-bolt 127mm Spigot	-		CO	2.1/4" Straight Keyed	-					
W	Wheel Mount 180mm Spigot			SH	2.1/8" 16T Splined						
S	Short Motor 140mm Spigot			K	60mm 1:10 Tapered						

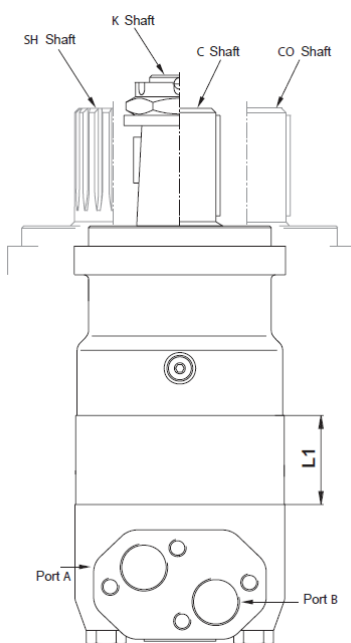
* Refer to specifications for performance data

Seal Kits - page 167

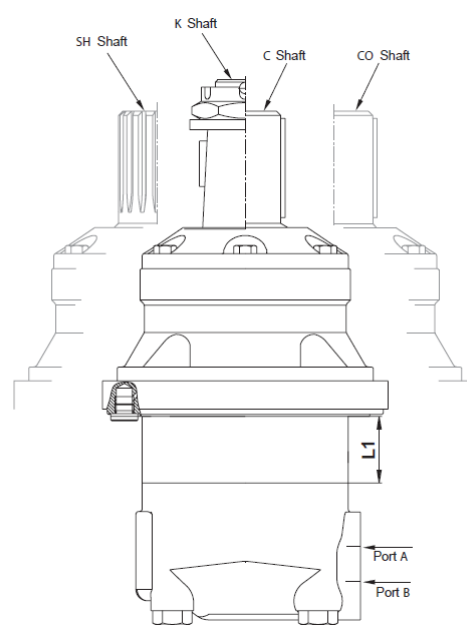
MV Standard Mount MV Series



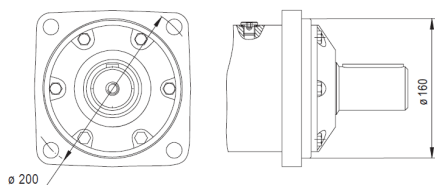
MVC MVC Series



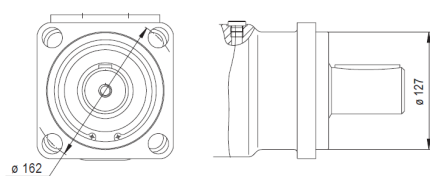
MVW MVW Series



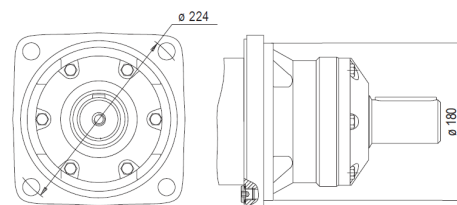
- Standard Mount 4-bolt



C Mount 4-bolt



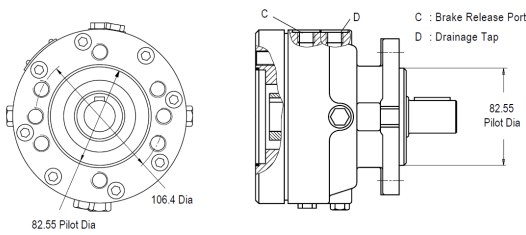
W Wheel Mount 4-bolt



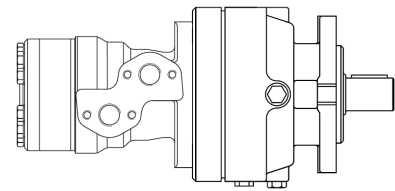
LB Series Static Torque Disc Brakes

Part #	List Price \$	Brake Input		Brake Output Shaft Mount	Static Torque (Nm)	Opening Pressure Min/Max (Bar)	Min Oil Release (cm ³)	Max Pressure Drain (Bar)	Weight (Kg)
		Motor Series	Shaft Mount						
NEW LB/288CO-63CO		MP, MR	1" Keyed SAE A 2-bolt	1" Keyed SAE A 2/4-bolt	610-640	23/300	7-8	0.5	10
NEW LB/288SH-63CO		MP, MR	1" 6B Splined SAE A 2-bolt	1" Keyed SAE A 2/4-bolt	610-640	23/300	7-8	0.5	10
NEW LB/288CB-63CB		MP, MR, MH, MS	32mm Straight SAE A 2/4-bolt	32mm Straight SAE A 2/4-bolt	610-640	23/300	7-8	0.5	10
NEW LBS/289-63CB		MSS Short	-	32mm Straight SAE A 2/4-bolt	610-640	23/300	7-8	5	9
NEW LBS/290-63KB		MSS Short	-	35mm 1:10 Tapered Wheel	610-640	23/300	7-8	5	9
NEW LBS/314-130C		MTS Short	-	40mm Straight Keyed 4-bolt Mount	1260-1360	29/300	8-9	5	24
NEW LBS/315-130K		MTS Short	-	45mm 1:10 Tapered Wheel	1260-1360	29/300	8-9	5	25
NEW LBS/316-130C		MVS Short	-	500mm Straight Keyed 4-bolt	1270-1370	29/300	8-9	5	26
NEW LBS/316-130K		MVS Short	-	60mm 1:10 Tapered Wheel	1270-1370	29/300	8-9	5	26

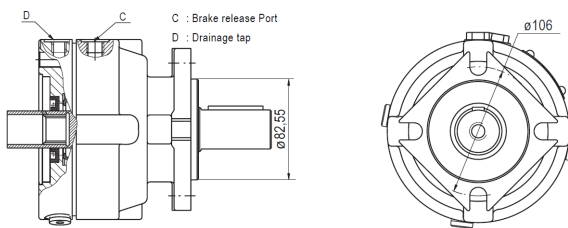
LB/288 - Input/Side/Output



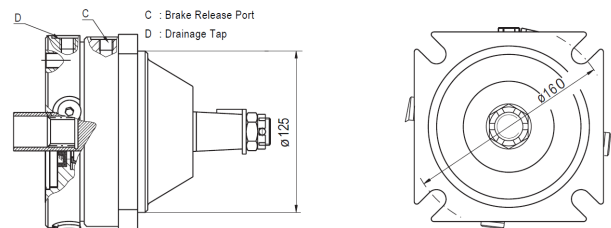
Example: Mr Motor + LB288



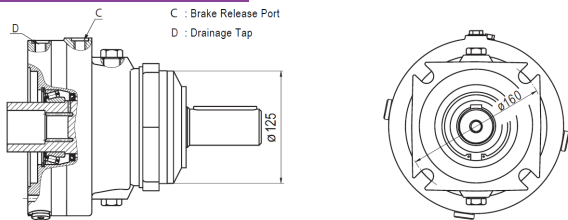
LBS289CS -Side/Output



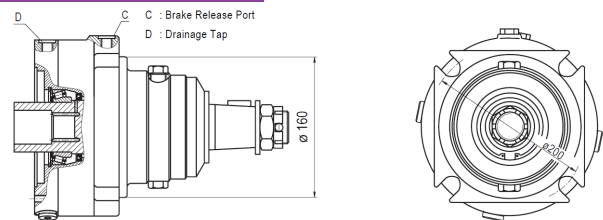
LBS290KB -Side/Output



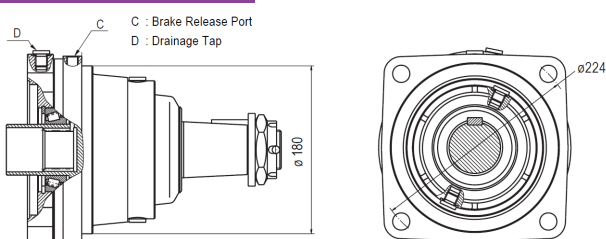
LBS314C -Side/Output



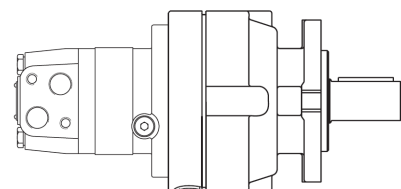
LBS315K -Side/Output



LBS316K -Side/Output



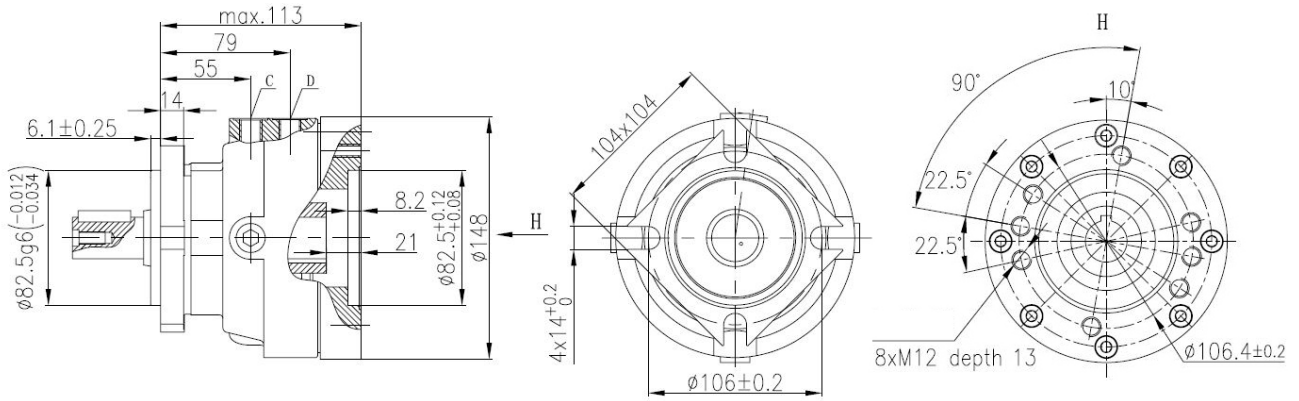
Example: MSS Motor + LBS289



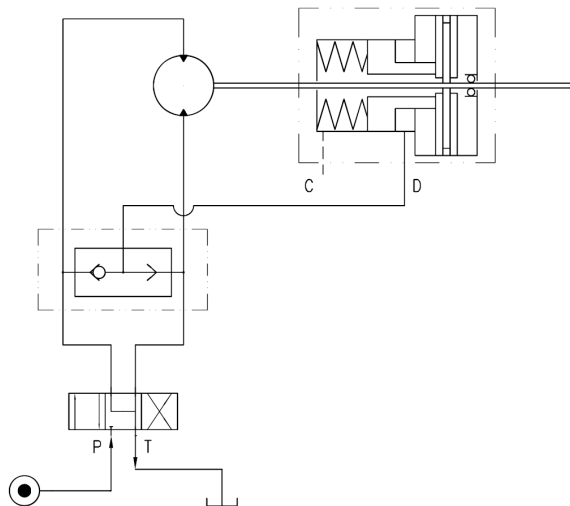
	SEAL KITS		SHAFT SEALS				DUST SEALS		
Motor Series	Part #	List Price \$	Part #	Dimensions (mm)	Pressure Rating Without Drain Line	List Price \$	Part #	Dimensions (mm)	List Price \$
MM	MM-SKD		MM-SSD	17 x 28 x 5.5	140 bar ≤100rpm		MM-DS	23.5 x 17 x 3.4	
	MM-SKV		MM-SSV	17 x 28 x 5.5	140 bar ≤100rpm		MM-DS	23.5 x 17 x 3.4	
MLHM	MLHM-SK		MLHM-SS	17 x 28 x 5.5	140 bar ≤100rpm		MLHM-DS	23.5 x 17 x 3.4	
MP	MP-SKD		MP-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MP-DS	28.5 x 35 x 2	
	MPQ-SKD		MPQ-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MPQ-DS	28.5 x 35 x 2	
	MP-SKU		MP-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MP-DS	28.5 x 35 x 2	
	MPQ-SKU		MPQ-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MPQ-DS	28.5 x 35 x 2	
	MP-SKV		MP-SSV	28.56 x 42 x 5.5	150 bar ≤100rpm		MP-DS	28.5 x 35 x 2	
	MP-SKB		MP-SSB	35 x 48 x 5.5	100 bar ≤100rpm		MP-DSB	35 x 42 x 2	
MLHP	MLHP-SKD		MLHP-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MLHP-DS	28.5 x 35 x 2	
	MLHP-SKU		MLHP-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MLHP-DS	28.5 x 35 x 2	
	MLHPQ-SKU		MLHPQ-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MLHPQ-DS	28.5 x 35 x 2	
HP	HP-SKUC		HP-SSUC	28.56 x 42 x 5.5	200 bar ≤200rpm		HP-DS	35 x 28.5 x 2	
	HP-SKUE		HP-SSUE	28.56 x 38 x 4.8	200 bar ≤200rpm		HP-DS	35x28.5x2	
PL	PL-SKU		PL-SSU	35 x 48 x 5.5	100 bar ≤100rpm		PL-DS	35 x 42 x 2	
MR	MR-SKD		MR-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MR-DS	28.5 x 35 x 2	
	MRQ-SKD		MRQ-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MRQ-DS	28.5 x 35 x 2	
	MR-SKU		MR-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MR-DS	28.5 x 35 x 2	
	MRQ-SKU		MRQ-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MRQ-DS	28.5 x 35 x 2	
	MR-SKV		MR-SSV	28.56 x 42 x 5.5	150 bar ≤100rpm		MR-DS	25.5 x 35 x 2	
	MR-SKB		MR-SSB	35 x 48 x 5.5	100 bar ≤100rpm		MR-DSB	35 x 42 x 2	
RW	RW-SKU		RW-SSU	35 x 48 x 5.5	200 bar ≤150rpm		RW-DS	35 x 42 x 2	
MLHR	MLHR-SKD		MLHR-SSD	28.56 x 42 x 5.5	150 bar ≤100rpm		MLHR-DS	28.5 x 35 x 2	
	MLHR-SKU		MLHR-SSU	28.56 x 42 x 5.5	200 bar ≤200rpm		MLHR-DS	28.5 x 35 x 2	
	MLHRW-SKB		MLHRW-SSB	35 x 48 x 5.5	100 bar ≤100rpm		MLHRW-DS	35 x 42 x 2	
HR	HR-SKUC		HR-SSUC	28.56 x 42 x 5.5	200 bar ≤200rpm		HR-DS	35 x 28.5 x 2	
	HR-SKUE		HR-SSUE	28.56 x 38 x 4.8	200 bar ≤200rpm		HR-DS	35 x 28.5 x 2	
RL	RL-SKU		RL-SSU	35 x 48 x 5.5	100 bar ≤100rpm		RL-DS	35 x 42 x 2	
MH	MH-SKD		MH-SSD	35 x 48 x 5.5	100 bar ≤100rpm		MH-DS	35 x 42 x 2	
	MH-SKU		MH-SSU	35 x 48 x 5.5	150 bar ≤200rpm		MH-DS	35 x 42 x 2	
HW	HW-SKV		HW-SSV	38.1 x 50 x 5.5	150 bar ≤70rpm		HW-DS	38.1 x 48 x 2	
MS	MS-SKD		MS-SSD	35 x 48 x 5.5	100 bar ≤100rpm		MS-DS	35 x 42 x 2	
	MS-SKU		MS-SSU	35 x 48 x 5.5	150 bar ≤200rpm		MS-DS	35 x 42 x 2	
	MSS-SK								
MLHS	MLHS-SKU		MLHS-SSU	35 x 48 x 5.5	150 bar ≤200rpm		MLHS-DS	35 x 42 x 2	
MYZ	MYZ-SKU		MYZ-SSU	45 x 65 x 5.5	100 bar ≤300rpm		MYZ-DS	45 x 52 x 3	
MT	MT-SKD		MT-SSD	45 x 65 x 7	75 bar ≤150rpm		MT-DS	45 x 52 x 4	
	MT-SKU		MT-SSU	45 x 65 x 4.8	100 bar ≤300rpm		MT-DS	45 x 52 x 3	
	MTS-SK								
MLHT	MLHT-SKU		MLHT-SSU	45 x 65 x 5.5	100 bar ≤300rpm		MLHT-DS	45 x 52 x 3	
MTM	MTM-SKD		MTM-SSD	50 x 70 x 7	75 bar ≤150rpm		MTM-DS	50 x 58 x 4	
	MTM-SKU		MTM-SSU	50 x 70 x 7	100 bar ≤300rpm		MTM-DS	50 x 58 x 4	
MV	MV-SKD		MV-SSD	60 x 80 x 7/6	60 bar ≤100rpm		MV-DS	60 x 72 x 3	
	MV-SKU		MV-SSU	60 x 80 x 7/6	60 bar ≤350rpm				
	MVS-SK								
LB	LB288-SK								
	LBS289/290-SK								
	LBS314/315-SK								
	LBS316-SK								

Hydraulic Brake BK2 Series

Part #	List Price \$	Minimum Operating Pressure	Maximum Pressure	Input Shaft	Output Shaft	Minimum Static Torque
BK2-1-430-CCB		17-23 bar	300 bar	1" SAE A	1"	410-450 Nm



C - drain port, G 1/4", 9mm depth, infuse port in the housing
 D - brake release port, G 1/4", 9mm depth

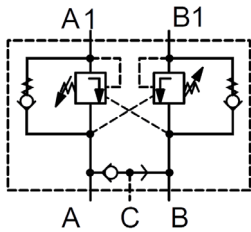


Typical Assembly



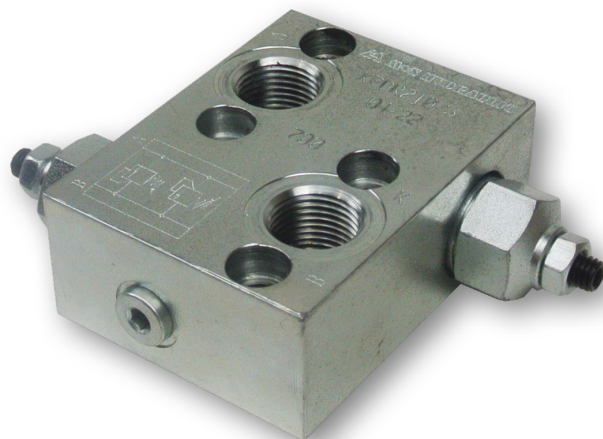
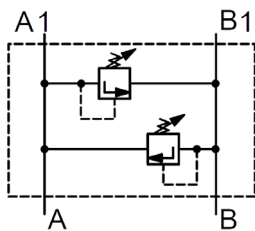
Overcentre Valve with Brake Release Port

Part #	List Price \$	Motor Type	Cartridge	A/B Ports	C Ports	Max. Cont. Flow	Pressure Range	Pilot Ratio
NEW KPBR 250/1/E		MP, MR, MH	Single	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	4.25:1
NEW KPBR 250/1/D		MP, MR, MH	Dual	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	4.25:1
NEW KPBW 250/1/D		RW, HW	Dual	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	4.25:1
NEW KPBS 250/1/E		MS	Single	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	4.25:1
NEW KPBS 250/1/D		MS	Dual	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	4.25:1
NEW KPBS 250/2/D		MS	Dual	1/2" BSPP	1/4" BSPP	60 lpm	60-280 bar	8:1
NEW KPBT 250/1/E		MT	Single	3/4" BSPP	1/4" BSPP	100 lpm	70-250 bar	4.25:1
NEW KPBT 250/1/D		MT	Dual	3/4" BSPP	1/4" BSPP	100 lpm	70-250 bar	4.25:1
NEW KPBV 250/1/D		MV	Dual	1" BSPP	1/4" BSPP	200 lpm	70-250 bar	4.25:1



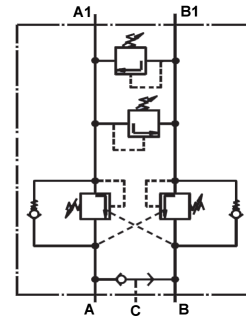
Cross Line Relief Valve

Part #	List Price \$	Motor Type	Cartridge	Ports	Max. Cont. Flow	Pressure Range
NEW KPER 210		MP, MR, MH	Single	1/2" BSPP	60 lpm	50-210 bar
NEW KPDR 210		MP, MR, MH	Dual	1/2" BSPP	60 lpm	50-210 bar
NEW KPDW 250		RW, HW	Dual	1/2" BSPP	60 lpm	80-250 bar
NEW KPES 210		MS	Single	1/2" BSPP	60 lpm	50-210 bar
NEW KPDS 210		MS	Dual	1/2" BSPP	60 lpm	50-210 bar
NEW KPET 210		MT	Single	3/4" BSPP	120 lpm	80-210 bar
NEW KPDT 210		MT	Dual	3/4" BSPP	120 lpm	80-210 bar
NEW KPDV 250		MV	Dual	1" BSPP	200 lpm	20-250 bar



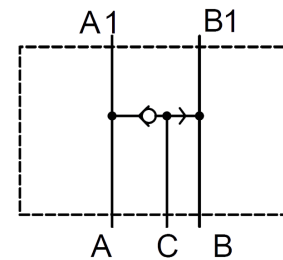
Overcentre and Crossline Relief Valve combined with Brake Release Port

Part #	List Price \$	Motor Type	Cartridge	A/B Ports	C Ports	Flow	Relief Press.	Overcentre Press.	Pilot Ratio
NEW KPDBR210-250/1/D		MP, MR, MH	Dual	1/2" BSPP	1/4" BSPP	60 lpm	210 bar	250 bar	4.25:1



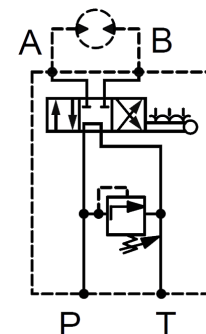
Shuttle Valve

Part #	List Price \$	Motor Type	A/B Ports	C Ports	Max. Cont. Flow	Max. Cont. Pressure
NEW KPWR		MP, MR, MH	1/2" BSPP	1/4" BSPP	60 lpm	250 bar
NEW KPWS		MS	1/2" BSPP	1/4" BSPP	60 lpm	250 bar
NEW KPWT		MT	3/4" BSPP	1/4" BSPP	100 lpm	250 bar
NEW KPWV		MV	1" BSPP	1/4" BSPP	200 lpm	250 bar



Handle Operated Directional Control Valve with Relief

Part #	List Price \$	Motor Type	A/B Ports	Max. Cont. Flow	Max. Cont. Pressure Drop
NEW BDR 1205/25A		MP, MR, MH	1/2" BSPP	50 lpm	30-250 bar
NEW BDS 1205/25A		MS	1/2" BSPP	50 lpm	30-250 bar



Cross Line Relief Valve

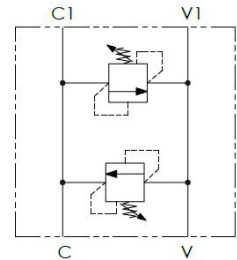
Part #	List Price \$	Max Flow Rate	Pressure Range	Series	A+B Ports	Bolts
DCF1201		40 lpm	10-140 bar	MP, MR	1/2" BSPP	M8x40 cap screw
DCF1202		40 lpm	20-210 bar	MP, MR	1/2" BSPP	M8x40 cap screw
DCF1203		40 lpm	70-350 bar	MP, MR	1/2" BSPP	M8x40 cap screw
DCM1201		40 lpm	10-140 bar	MSY	1/2" BSPP	M10x40 cap screw
DCM1202		40 lpm	20-210 bar	MSY	1/2" BSPP	M10x40 cap screw
DCM1203		40 lpm	70-350 bar	MSY	1/2" BSPP	M10x40 cap screw



DCF



DCM



Shuttle Valve

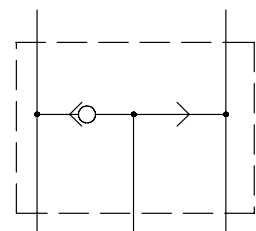
Part #	List Price \$	Max Flow Rate	Max Pressure	Series	A+B Ports	C Port	Bolts
FSRDB		60 lpm	300 bar	MP, MR	1/2" BSPP	1/4" BSPP	M8x40 cap screw (x4)
FSSDB		60 lpm	300 bar	MSY	1/2" BSPP	1/4" BSPP	M10x40 cap screw (x2)



FSR

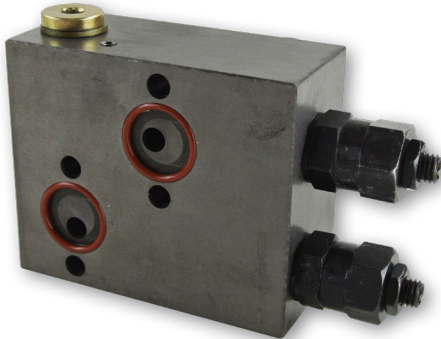


FSS

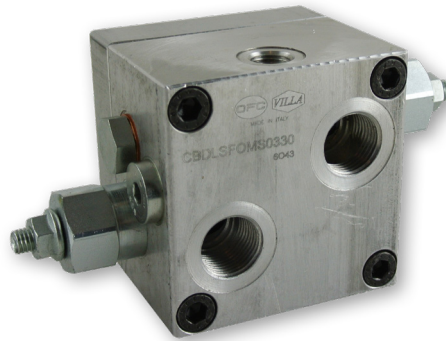


Counter Balance Valve

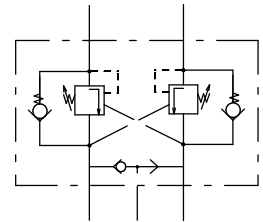
Part #	List Price \$	Max Flow Rate	Max Pressure	Series	A+B Ports	C Port	Bolts
FPRDDB		60 lpm	70-250 bar	MP, MR	1/2" BSPP	1/4" BSPP	M8x50 cap screw (x4)
CBDLSFOMS-03		60 lpm	100-350 bar	MSY	1/2" BSPP	1/4" BSPP	M8x80 cap screw (x4)



FPR

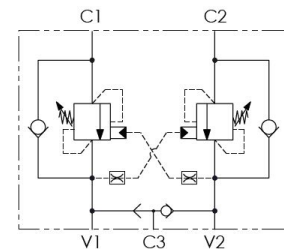


CBDL



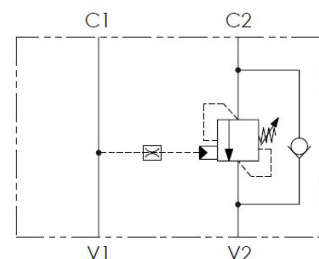
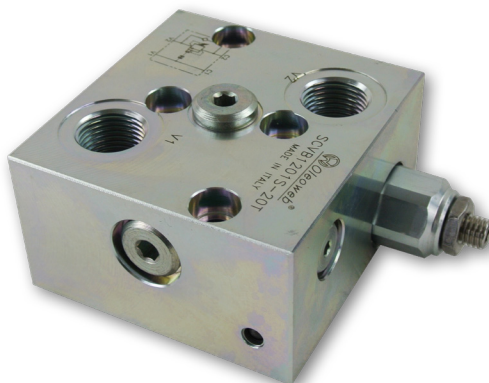
Dual Counter Balance Valve

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



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