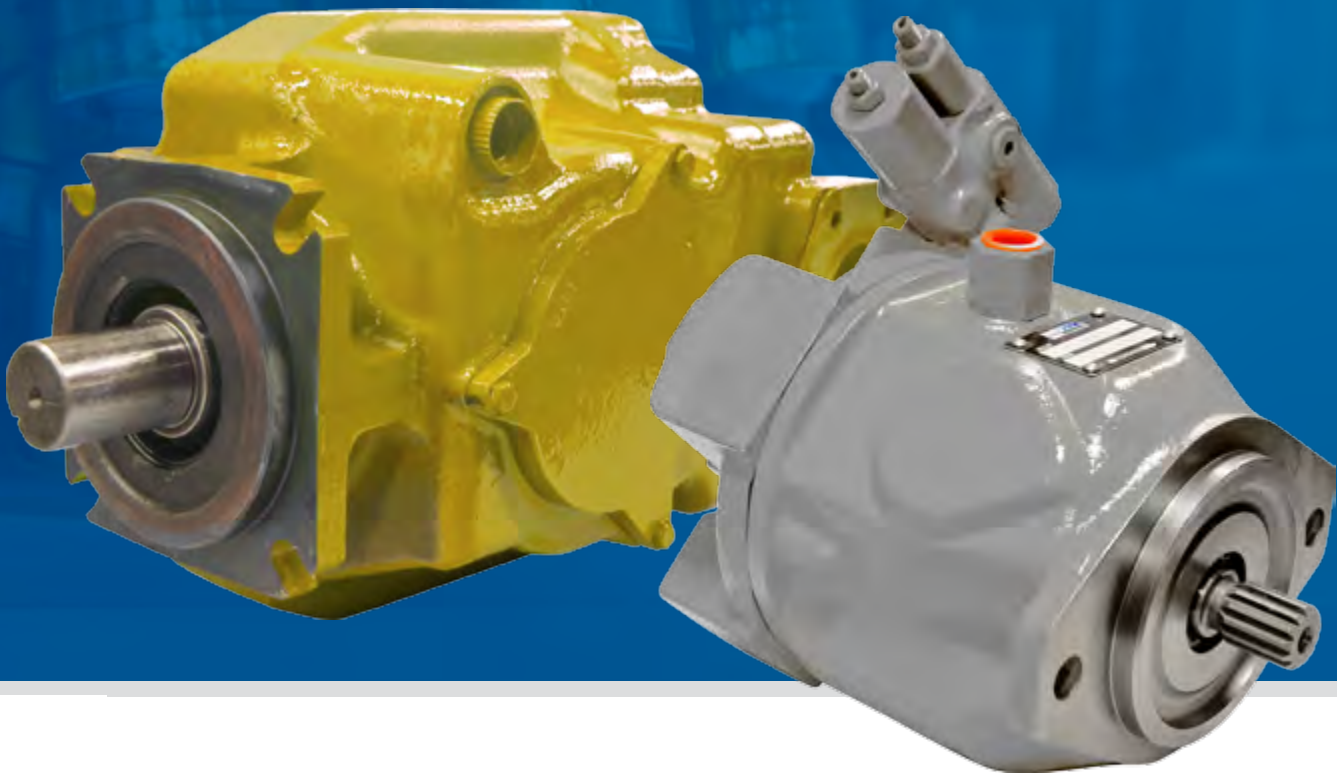


Replacement Units & Parts

PISTON PRODUCT LISTING 2014

Your Source for High Quality
Piston Pumps and Parts



Contents

Product Listing

Section	Replacement for:	Page
MA10V(S)O18	Rexroth® A10V	4
MA10V(S)O28	Rexroth® A10V	6
MA10V(S)O45	Rexroth® A10V	8
MA10V(S)O60	Rexroth® A10V	11
MA10V(S)O71	Rexroth® A10V	13
MA10V(S)O100	Rexroth® A10V	16
MA10V(S)O140	Rexroth® A10V	19
MA8VO107	Rexroth® A8V	21
MA8VO160	Rexroth® A8V	22
MA8VO200	Rexroth® A8V	23
MA11VO130	Rexroth® A11V	24
MA11VO190	Rexroth® A11V	25
MA11VO260	Rexroth® A11V	26
MA4VG71	Rexroth® A4VG	27
MA4VG90	Rexroth® A4VG	27
MA4VG125	Rexroth® A4VG	28
MA4VG180	Rexroth® A4VG	29
MA2F107	Rexroth® A2F	30

All Items listed are Metaris manufactured; OEM and reference part numbers are displayed for reference purposes only. Metaris and Hydraulex Global are not affiliated or authorized by the OEMs. Prices subject to change without notice.

Contents cont.

Product Listing

Section	Replacement for:	Page
MPVE19	Vickers® PVE	31
MPVE21	Vickers® PVE	32
MPVH57 & MPVE27	Vickers® PVH/PVE	33
MPVH74 & MPVE35	Vickers® PVH/PVE	35
MPVH98 & MPVE47	Vickers® PVH/PVE	37
MPVH106	Vickers® PVH	39
MPVH131	Vickers® PVH	41
MPVB 5/6	Vickers® PVB	43
MPVB 10/15	Vickers® PVB	44
MPVB 20/29	Vickers® PVB	45
MPV90 M46 Series (46cc)	Sundstrand® PV90	46
MPV90 90 Series (55cc)	Sundstrand® PV90	46
MPV90 90 Series (75cc)	Sundstrand® PV90	47
MPV90 90 Series (100cc)	Sundstrand® PV90	47
MHPR100	Linde® HPR	48
LPVD-45 & 64	Liebherr® LPVD	49
LPVD-90 & 100	Liebherr® LPVD	50
LPVD-125 & 140	Liebherr® LPVD	51
LPVD-250	Liebherr® LPVD	52

All Items listed are Metaris manufactured; OEM and reference part numbers are displayed for reference purposes only. Metaris and Hydraulex Global are not affiliated or authorized by the OEMs. Prices subject to change without notice.

Units

MA10V(S)018 - Series 31

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O18**62N00	SAE - SIDE PORTS	P.O.R
PUMP - MA10V(S)O18**12N00	METRIC - SIDE PORTS	P.O.R
THRU DRIVE OPTION	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	P.O.R

General

MA10V(S)018 - Series 31 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B18-72-110	M925458	PISTON (EACH)	9 REQ.
B18-75-300	M946784	RETAINER PLATE	1
	M944741	BALL GUIDE	1
B18-73-000	M940734	BARREL	1
B18-78-000	M934827	SPRING - SEAT	1
B18-76-100	M933409	SPRING	1
X05-02-25120	M934832	RETAINER	1
B18-74-200	M940732	LENS PLATE - LEFT	1
B18-74-100	M941477	LENS PLATE - RIGHT	1
B18-77-500	M934826	PIN (EACH)	3 REQ.
B18-50-291	M948585	SHAFT (METRIC) - CODE P	1
B18-50-361	M948588	SHAFT (SPLINED) - CODE S	1
B18-50-161	M948587	SHAFT (KEYED) - CODE K	1
B18-50-311	M932607	SHAFT (SPLINED) - CODE U	1
B18-50-362	M413740	SHAFT SPLINED (THRU DRV-CODE S)	1
B18-50-292	M937405	SHAFT KEYED (THRU DRV-CODE P)	1
B18-50-162	M413734	SHAFT METRIC (THRU DRV-CODE K)	1
B18-50-862	M962289	SHAFT METRIC (THRU DRV-CODE R)	1
B18-70-200	M944801	ROTARY GROUP L.H.	1
B18-70-100	M940435	ROTARY GROUP R.H.	1
B18-43-210	M960983/ M960809	YOKE L.H.	1
B18-43-110	M948592	YOKE R.H.	1
B00-30-100	M907094/ M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-12245	M70109-005	SHAFT BEARING - CUP/CONE	1

General

MA10V(S)018 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN101572	M772968	REAR BEARING - CUP/CONE	1
B18-03-602	M925255	SADDLE BEARING (EACH)	2 REQ.
B18-23-123	M945500	THRU DRIVE COVER K01 (RH)	1
B18-23-223	M937407	THRU DRIVE COVER K01 (LH)	1
B18-23-323		THRU DRIVE COVER K01 (RH) metric ported	1
B18-23-423		THRU DRIVE COVER K01 (LH) metric ported	1
B18-40-502	M940417	CONTROL PISTON ASSY	1
B18-50-512	M937150	COUPLING K01	1
X01-01-50629		KEY FOR SHAFT (CODE K) SAE	1
X01-01-60625		KEY FOR SHAFT (CODE P) METRIC	1
B18-92-000		SHIM KIT	1
B18-80-100	M937565	SEAL KIT	1
B18-80-200	M941171	SEAL KIT - VITON	1

Units

MA10V(S)028 - Series 31

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O28**62N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O28**12N00	METRIC - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O28**61N00	SAE - REAR PORTS	P.O.R.
PUMP - MA10V(S)O28**11N00	METRIC - REAR PORTS	P.O.R.
DFLR CONTROL OPTION	METRIC - SIDE PORTS	P.O.R.
THRU DRIVE OPTION - K**	METRIC - SIDE PORTS	P.O.R.
K01 -- SAE A Mount (9 Tooth) K02 -- SAE B Mount (13 Tooth) K03 -- SAE B Mount SAE B Keyed	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	

General

MA10V(S)028 - Series 31 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B28-72-110	M925459 / M967658	PISTON (EACH)	9 REQ.
B28-75-300	M942514	RETAINER PLATE	1
	M944743	BALL GUIDE	1
B28-73-000	M907125 / M2407325	BARREL	1
X05-04-33150	M2400717 / M918933	SPRING - SEAT	1
B28-76-100	M924891	SPRING	1
B28-78-000	M939048 / M2400716	RETAINER	1
B28-74-200	M936647	LENS PLATE - LEFT	1
B28-74-100	M936648	LENS PLATE - RIGHT	1
B28-77-500	M785407	PIN (EACH)	3 REQ.
B28-50-291	M923797 / M2415569	SHAFT METRIC (CODE P)	1
B28-50-321	M947780 / M923789	SHAFT SPLINED (CODE S)	1
B28-50-121	M926330	SHAFT KEYED (CODE K)	1
B28-50-731	M989033	SHAFT KEYED (CODE T)	1
B28-50-322	M926327 / M2417371	SHAFT SPLINED (THRU DRIVE CODE S)	1
B28-50-292	M925275 / M2415913	SHAFT METRIC (THRU DRIVE CODE P)	1
B28-50-122	M926328	SHAFT KEYED (THRU DRIVE CODE K)	1
B28-50-822	M962290	SHAFT SPLINED (THRU DRIVE CODE R)	1
B28-70-200	M947782 / M958654	ROTARY GROUP L.H.	1
B28-70-100	M947781	ROTARY GROUP R.H.	1

General

MA10V(S)028 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B28-43-210	M960999/ M947785	YOKE L.H.	1
B28-43-110	M960813 / M903859	YOKE R.H.	1
B28-43-220	M947785	YOKE LH DFLR	1
B28-43-120	M947783	YOKE RH DFLR	1
B00-30-100	M907094/ M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	1
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-12556	M70109-001	SHAFT BEARING - CUP/CONE	1
X03-33-11740	M70109-002	REAR BEARING - CUP/CONE	1
B28-03-602	M902778 / M942158	SADDLE BEARING (EACH)	2 REQ
B28-23-124	M5120-542-005	THRU DRIVE COVER K01 (RH)	1
B28-24-124	M5120-542-006	THRU DRIVE COVER K02 / K03 (RH)	1
B28-23-224	M5120-542-002	THRU DRIVE COVER K01 (LH)*	1
B28-24-224	M5120-542-003	THRU DRIVE COVER K02 / K03 (LH)	1
B28-40-502	MBH00911164	CONTROL PISTON ASSY	1
B00-30-520		FEEDBACK CONTROL PISTON	1
B28-50-512	MBH00943539	COUPLING K01	1
B28-50-522	MBH00943542	COUPLING K02	1
B28-50-622	M764981	COUPLING K03	1
X01-01-60629		KEY FOR SHAFT (CODE K) SAE	1
X01-01-60630		KEY FOR SHAFT (CODE P) METRIC	1
B28-92-000		SHIM KIT	1
B28-80-100	M915845	SEAL KIT	1
B28-80-200	M915845V	SEAL KIT - VITON	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

Units

MA10V(S)O45 - Series 31/52

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O45**62N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O45**12N00	METRIC - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O45**64N00 (52 Only)	SAE THREADED PORTS(O-RING) REAR PORTS	P.O.R.
PUMP - MA10V(S)O45**61N00	SAE - REAR PORTS	P.O.R.
PUMP - MA10V(S)O45**11N00	METRIC - REAR PORTS	P.O.R.
DFLR CONTROL OPTION - 31 DESIGN ONLY	METRIC - SIDE PORTS	P.O.R.
THRU DRIVE OPTION - K** -- Available on 52 and 31 design units	METRIC - SIDE PORTS	P.O.R.
K01 -- SAE A Mount (9 Tooth) K02 -- SAE B Mount (13 Tooth) K03 -- SAE B Mount SAE B Keyed K04 -- SAE B Mount (15 Tooth) K05 -- SAE B Mount (SAE BB Keyed)	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	

General

MA10V(S)O45 - Series 31/52 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B45-72-110	M925460 / M963893	PISTON (EACH)	9 REQ.
B45-75-300	M943627 / M978872	RETAINER PLATE	1
	M941318	BALL GUIDE	1
B45-73-000	M907001	BARREL	1
B45-78-000	M2400727 / M939056	SPRING - SEAT	1
B45-76-100	M2400724 / M071072	SPRING	1
X05-04-38150	M2400726 / M912520	RETAINER	1
B45-74-200	M936644	LENS PLATE - LEFT	1
B45-74-100	M936645	LENS PLATE - RIGHT	1
B45-77-500	M941277	PIN (EACH)	3 REQ.
B45-50-321	M987649 / M926325	SHAFT SPLINED (CODE U)	1
B45-50-331	M923309 / M947729	SHAFT SPLINED (CODE S)	1
B45-50-131	M923308 / M947788	SHAFT KEYED (CODE K)	1
B45-50-291	M923742 / M947820	SHAFT METRIC (CODE P)	1
B45-50-731	M2417384	SHAFT KEYED (CODE T)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA10V(S)045 - Series 31/52 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B45-50-832	M962291/ M2417400	SHAFT SPLINED (THRU DRIVE CODE R)	1
B45-50-322	M926326 / M2417398	SHAFT SPLINED (THRU DRIVE CODE U)	1
B45-50-132	M926335	SHAFT KEYED (THRU DRIVE CODE K)	1
B45-50-332	M923743	SHAFT SPLINED (THRU DRIVE CODE S)	1
B45-50-822	M902417398	SHAFT SPLINED (THRU DRV-CODE W)	1
B45-50-292	M923310	SHAFT KEYED (THRU DRIVE METRIC CODE P)	1
B45-70-200	M947789 / M914154	ROTARY GROUP L.H.	1
B45-70-100	M947730 / M900510	ROTARY GROUP R.H.	1
B46-43-210	M929316	YOKE L.H. (52 Design)	1
B46-43-110	M928665	YOKE R.H. (52 Design)	1
B45-43-210	M947791	YOKE L.H. (31 Design)	1
B45-43-110	M904992	YOKE R.H. (31 Design)	1
B45-43-220	M961026	YOKE L.H. (31 Design) -DFLR	1
B45-43-120	M947790	YOKE R.H. (31 Design) - DFLR	1
B00-30-100	M907094/ M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	1
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-12957	M70109-004	SHAFT BEARING - CUP/CONE	1
X03-33-12245	M70109-005	REAR BEARING - CUP/CONE	1
B45-03-602	M900198	SADDLE BEARING - 31 design (EACH)	2 REQ
B46-03-602	M933793	SADDLE BEARING - 52 design (EACH)	2 REQ
B45-23-135	M5130-542-006	THRU DRIVE COVER K01 (RH)	1
B45-24-135	M5130-542-007	THRU DRIVE COVER K02 / K03 / K04 (RH)	1
B45-23-235	M5130-542-002	THRU DRIVE COVER K01 (LH)	1
B45-24-235	M5130-542-003	THRU DRIVE COVER K02 / K03 / K04 (LH)	1
B46-23-335		THRU DRIVE COVER (45/52) KP1 ISO (RH)	1
B46-23-435		THRU DRIVE COVER (45/52) KP1 ISO (LH)	1
B46-24-435		THRU DRIVE COVER (45/52) K02 (LH)	1
B46-24-735		THRU DRIVE COVER (45/52) K02 (BI)	1
B45-40-501	MBH00910852	CONTROL PISTON ASSY - 31 design	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

General

MA10V(S)045 - Series 31/52 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B00-30-520	B00-30-520	FEEDBACK CONTROL PISTON	1
B45-50-512	MBH00943529	COUPLING K01	1
B45-50-522	MBH00943531	COUPLING K02	1
B45-50-622	M763764	COUPLING K03	1
B45-50-532	MBH00738476	COUPLING K04	1
B45-50-632	M766933	COUPLING K05	1
X01-01-60635	M751137	KEY FOR SHAFT (CODE K) SAE	1
X01-01-70836		KEY FOR SHAFT (CODE P) METRIC	1
B45-92-000		SHIM KIT	1
B45-80-100	M925885	SEAL KIT - 31 Design	1
B45-80-200	M925885V	SEAL KIT - VITON - 31 Design	1
B46-80-100	M963478	SEAL KIT - 52 Design	1
B46-80-200	M963478V	SEAL KIT - VITON - 52 Design	1

Units

MA10V(S)060 - Series 52

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O60**62N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O60**12N00	METRIC - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O60**61N00	SAE - REAR PORTS	P.O.R.
PUMP - MA10V(S)O60**11N00	METRIC - REAR PORTS	P.O.R.
PUMP - MA10V(S)O63**12/62/11/61N00	REPLACEMENT FOR A10V(S)O63	P.O.R.
THRU DRIVE OPTION - K**		P.O.R.
K02 -- SAE B Mount (13 Tooth) K04 -- SAE B Mount (15 Tooth)	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	

General

MA10V(S)060 - Series 52 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B60-72-110	M2418043	PISTON (EACH)	9 REQ.
B60-75-300	M2413087	RETAINER PLATE	1
	M973533	BALL GUIDE	1
B60-73-000	M973540	BARREL	1
B60-78-000	M2400742	SPRING - SEAT	1
B60-76-100	M975251	SPRING	1
MPN107182	M9156218	RETAINER	1
B60-74-200	M2451807	LENS PLATE - LEFT	1
B60-74-100	M978570	LENS PLATE - RIGHT	1
B60-77-500	M2400741	PIN (EACH)	3 REQ.
B60-50-341	M2413417	SHAFT SPLINED (CODE S)	1
B60-50-331	M987666	SHAFT SPLINED (CODE U)	1
B60-50-141	M2413414	SHAFT KEYED (CODE K)	1
B60-50-342	M994407	SHAFT SPLINED (THRU DRIVE CODE S)	1
B60-50-832	M987665	SHAFT SPLINED (THRU DRIVE CODE W)	1
B60-70-200	M926276	ROTARY GROUP L.H.	1
B60-70-100	M973744	ROTARY GROUP R.H.	1
B60-43-210	M975095	YOKE L.H (52 Design)	1
B60-43-110	M973545	YOKE R.H (52 Design)	1
B00-30-100	M907094/ M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA10V(S)060 - Series 52 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-13573	M70109-007	SHAFT BEARING - CUP/CONE	1
X03-33-12552	M33205	REAR BEARING - CUP/CONE	1
B60-03-612	M2413837	SADDLE BEARING -R	1
B60-03-622	M2413836	SADDLE BEARING - L	1
B60-40-500	M993694	CONTROL PISTON ASSY	1
B60-80-100	M408523	SEAL KIT	1
B60-80-200	M408523V	SEAL KIT - VITON	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

Units

MA10V(S)071 - Series 31

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)071**62/92N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)071**12/42N00	METRIC - SIDE PORTS	P.O.R.
PUMP - MA10V(S)071**61/91N00	SAE - REAR PORTS	P.O.R.
PUMP - MA10V(S)071**11/41N00	METRIC - REAR PORTS	P.O.R.
PUMP - MA10V(S)074**62/92/12/42/11/41N00	ALL TYPES AVAILABLE	P.O.R.
DFLR CONTROL OPTION		P.O.R.
THRU DRIVE OPTION - K** -- Available on 52 and 31 design units		P.O.R.
K01 -- SAE A Mount (9 Tooth) K02 -- SAE B Mount (13 Tooth) K03 -- SAE B Mount SAE B Keyed K04 -- SAE B Mount (15 Tooth) K05 -- SAE B Mount (SAE BB Keyed) K07 -- SAE C Mount (14 Tooth) K08 -- SAE C Mount (SAE C Keyed)	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	

General

MA10V(S)071 - Series 31 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B71-72-110	M720011 / M924554	PISTON (EACH)	9 REQ.
B71-75-300	M919813	RETAINER PLATE	1
	M749745	BALL GUIDE	1
B71-73-000	M907126	BARREL	1
B71-78-000	M720186	SPRING - SEAT	1
B71-76-100	M720178	SPRING	1
X05-04-45180	M919038	RETAINER	1
B71-74-200	M936640	LENS PLATE - LEFT	1
B71-74-100	M936641	LENS PLATE - RIGHT	1
B71-77-500	M785423	PIN (EACH)	3 REQ.
B71-50-291	M947821 / M995064	SHAFT METRIC (CODE P)	1
B71-50-341	M923553 / M947796	SHAFT SPLINED (CODE S)	1
B71-50-141	M926333 / M2412021	SHAFT KEYED (CODE K)	1
B71-50-342	M923471	SHAFT SPLINED (THRU DRIVE CODE S)	1
B71-50-142	M926344 / M2412030	SHAFT KEYED (THRU DRIVE CODE K)	1
B71-50-292	M925556 / M987680	SHAFT METRIC (THRU DRIVE CODE P)	1
B71-50-842	9622292	SHAFT SPLINED (THRU DRV-CODE R)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA10V(S)071 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B71-70-200	M947802 / M911929	ROTARY GROUP L.H.	1
B71-70-100	M947801 / M956007	ROTARY GROUP R.H.	1
B71-43-210	M904689	YOKE L.H.	1
B71-43-110	M961017	YOKE R.H.	1
B71-43-220	M904689	YOKE LH DFLR	1
B71-43-120	M961017	YOKE RH DFLR	1
B00-30-100	M907094/ M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	1
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-13573	M70109-007	SHAFT BEARING - CUP/CONE	1
X03-33-12557	M70109-008	REAR BEARING - CUP/CONE	1
B71-03-602	M902777	SADDLE BEARING (EACH)	2 REQ
B71-03-800	M5140-635-014	BEARING KIT	1
B71-25-196	M5140-542-021	THRU DRIVE COVER K07 / K08 (RH)	1
B71-23-196	M5140-542-017	THRU DRIVE COVER K01 (RH)	1
B71-24-196	M5140-542-019	THRU DRIVE COVER K02 / K04 (RH)	1
B71-23-296	M5140-542-018	THRU DRIVE COVER K01 (LH)*	1
B71-24-296	M5140-542-020	THRU DRIVE COVER K02 / K04 (LH)	1
B71-25-296	M5140-542-022	THRU DRIVE COVER K07 / K08 (LH)	1
B71-40-501	M910873 / 910870	CONTROL PISTON ASSY	1
B71-30-520		FEEDBACK CONTROL PISTON	1
B71-50-512	MBH00943545	COUPLING K01	1
B71-50-522	MBH00943547	COUPLING K02	1
B71-50-622	M795682	COUPLING K03	1
B71-50-532	MBH00943548	COUPLING K04	1
B71-50-632	M764906	COUPLING K05	1
B71-50-542	MBH00943549	COUPLING K07	1
B71-50-642	M766895	COUPLING K08	1
X01-01-80841		KEY FOR SHAFT (CODE K) SAE	1
X01-01-81045		KEY FOR SHAFT (CODE P) METRIC	1
B71-92-000		SHIM KIT	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

General

MA10V(S)071 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B71-80-100	M915846 / M5140-635-005	SEAL KIT	1
B71-80-200	M915846V / M5140-635-007	SEAL KIT - VITON	1

Units

MA10V(S)O100 - Series 31

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O100**62N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O100**12N00	METRIC - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O100**61N00	SAE - REAR PORTS	P.O.R.
PUMP - MA10V(S)O100**11N00	METRIC - REAR PORTS	P.O.R.
DFLR CONTROL OPTION		P.O.R.
THRU DRIVE OPTION - K**		P.O.R.
K01 -- SAE A Mount (9 Tooth) K02 -- SAE B Mount (13 Tooth) K04 -- SAE B Mount (15 Tooth) K07 -- SAE C Mount (14 Tooth) K08 -- SAE C Mount (SAE C Keyed) K24 - SAE C Mount (17 Tooth) K52- SAE A Mount (11 Tooth)		THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE

General

MA10V(S)O100 - Series 31 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B10-72-110	M925463 / M2418003	PISTON (EACH)	9 REQ.
B10-75-300	M967136 / M996526	RETAINER PLATE	1
	M906813 / M944744	BALL GUIDE	1
B10-73-000	M906882 / M2407207	BARREL	1
B10-78-000	M906880	SPRING - SEAT	1
B10-76-100	M906894	SPRING	1
X05-02-62200	M791555	RETAINER	1
B10-74-200	M936639	LENS PLATE - LEFT	1
B10-74-100	M936661	LENS PLATE - RIGHT	1
B10-77-500	M906879	PIN (EACH)	3 REQ.
B10-50-341	M2410600 / M923312	SHAFT SPLINED (CODE U)	1
B10-50-381	M924553 / M987698	SHAFT SPLINED (CODE S)	1
B10-50-181	M923317 / M2410595	SHAFT KEYED (CODE K)	1
B10-50-291	M925162 / M987699	SHAFT METRIC (CODE P)	1
B10-50-882	M993523	SHAFT SPLINED (THRU DRIVE CODE R)	1
B10-50-842	M987686	SHAFT SPLINED (THRU DRIVE CODE W)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA10V(S)0100 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B10-50-292	M923709 / M987697	SHAFT METRIC (THRU DRIVE CODE P)	1
B10-50-182	M924552 / M2410605	SHAFT KEYED (THRU DRIVE CODE K)	1
B10-50-382	M923316	SHAFT SPLINED (THRU DRIVE CODE S)	1
B10-70-200	M907681 / M948604	ROTARY GROUP L.H.	1
B10-70-100	M948603 / M906871	ROTARY GROUP R.H.	1
B10-43-210	M948606	YOKE L.H.	1
B10-43-110	M961050	YOKE R.H.	1
B10-43-220	M948606	YOKE LH DFLR	1
B10-43-120	M093881	YOKE RH DFLR	1
B00-30-100	M907094 / M942581	CONTROLLER (DFR)***	1
B00-30-200	M907096	CONTROLLER (DFR1)***	1
B00-30-400	M916069	CONTROLLER (DRG)***	1
B00-30-300	M907095	CONTROLLER (DR)***	1
B00-30-600	M910921874	CONTROLLER (DG)***	1
X03-33-14587	M906908	SHAFT BEARING - CUP/CONE	1
X03-33-13062	M906909	REAR BEARING - CUP/CONE	1
B10-03-602	M906881	SADDLE BEARING (EACH)	2 REQ
B10-40-501	M913784	CONTROL PISTON ASSY	1
B00-30-520		FEEDBACK CONTROL PISTON	1
B10-23-147	M910375	THRU DRIVE COVER K01/ K52(RH)	1
B10-23-247	910729	THRU DRIVE COVER K01/ K52(LH)	1
B10-24-147	910369	THRU DRIVE COVER K02 / K04 (RH)	1
B10-24-247		THRU DRIVE COVER K02 / K04 (LH)	1
B10-25-147		THRU DRIVE COVER K71 / K24 / K08 (RH)	1
B10-25-247		THRU DRIVE COVER K71 / K24 / K08 (LH)	1
B10-50-512	M943560	COUPLING K01	1
B10-50-522	M943562	COUPLING K02	1
B10-50-532	M943563	COUPLING K04	1
B10-50-542	M943564	COUPLING K07	1
B10-50-642	M943569	COUPLING K08	1
B10-50-582	M943565	COUPLING K24	1
B10-50-592	M943561	COUPLING K52	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

General

MA10V(S)0100 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
X01-01-90950		KEY FOR SHAFT (CODE K) SAE	1
X01-01-81268		KEY FOR SHAFT (CODE P) METRIC	1
B10-92-000		SHIM KIT	1
B10-80-100	M915847	SEAL KIT	1
B10-80-200	M915847V	SEAL KIT - VITON	1

Units

MA10V(S)O140 - Series 31

Series	Porting	List Price (U.S. - \$)
PUMP - MA10V(S)O140**62N00	SAE - SIDE PORTS	P.O.R.
PUMP - MA10V(S)O140**12N00	METRIC - SIDE PORTS	P.O.R.
DFLR CONTROL OPTION		P.O.R.
THRU DRIVE OPTION - K**		P.O.R.
K02 -- SAE B Mount (13 Tooth) K04 -- SAE B Mount (15 Tooth) K07 -- SAE C Mount (14 Tooth) K17 - SAE D Mount (13 Tooth) KB7 - ISO 180 (13 Tooth)	THE THRU DRIVE (K** OPTION) INCLUDES COUPLING AND HARDWARE	

General

MA10V(S)O140 - Series 31 Parts

Metaris Part #	Alternative Part #	Description	Qty.
B14-72-110	M925464	PISTON (EACH)	9 REQ.
B14-75-300	M996527	RETAINER PLATE	1
	M944745	BALL GUIDE	1
B14-73-000	M945341	BARREL	1
B14-78-000	M917727	SPRING - SEAT	1
B14-76-100	M918171	SPRING	1
X05-02-58200	918189	RETAINER	1
B14-74-200	M975126	LENS PLATE - LEFT	1
B14-74-100	M973907 / M975125	LENS PLATE - RIGHT	1
B14-77-500	M917728	PIN (EACH)	3 REQ.
B14-50-351	M923593 / M948614	SHAFT SPLINED (CODE S)	1
B14-50-151	M923315 / M948513	SHAFT KEYED (CODE K)	1
B14-50-291	M923594 / M948612	SHAFT METRIC (CODE P)	1
B14-50-152	M923314	SHAFT KEYED (THRU-DRIVE CODE K)	1
B14-50-352	M923595	SHAFT SPLINED (THRU-DRIVE CODE S)	1
B14-50-292	M923313	SHAFT METRIC (THRU-DRIVE CODE P)	1
B14-70-200	M948618	ROTARY GROUP L.H.	1
B14-70-100	M948617	ROTARY GROUP R.H.	1
B14-43-210	M948620	YOKE L.H.	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA10V(S)0140 - Series 31 Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
B14-43-110	M948619	YOKE R.H.	1
B14-43-220	M948620	YOKE L.H. DFLR	1
B14-43-120	M948622	YOKE R.H. DFLR	1
B14-30-100	M924993	CONTROLLER (DFR/DFR1)***	1
B14-30-400	M928528	CONTROLLER (DRG)***	1
B14-30-300	M920182	CONTROLLER (DR)***	1
B14-40-502	M917597	CONTROL PISTON ASSY	1
B14-30-520		FEEDBACK CONTROL PISTON	1
MPN101573	M918203	SHAFT BEARING - CUP/CONE	1
MPN091749	M32207F	REAR BEARING - CUP/CONE	1
B14-03-602	M918174	SADDLE BEARING (EACH)	2
B14-50-522	M943552	COUPLING K02	1
B14-50-532	M938658	COUPLING K04	1
B14-50-542	M921508	COUPLING K07	1
B14-50-552	M932172	COUPLING K17	1
X01-02-01165		KEY FOR SHAFT (CODE K) SAE	1
X01-01-90979		KEY FOR SHAFT (CODE P) METRIC	1
B14-92-000		SHIM KIT	1
B14-80-100	M941169	SEAL KIT	1
B14-80-200	M941169V	SEAL KIT - VITON	1

*** Controller Included with Pump

* Does not include Coupling/Hardware

General

MA8V0107 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
B87-70-112	M428522 / M441183	ROTATING GROUP (DRIVE)	1
MPN108021		ROTATING GROUP (DRIVE)	1
B87-70-211	M428185 / M441184	ROTATING GROUP (IDLER)	1
B87-70-000	M434586	ROTATING GROUP (w/o SHAFT)	1
MPN109310		CHARGE PUMP	
B87-74-200	M650454	VALVE PLATE - LEFT	1
B87-74-100	M650453	VALVE PLATE - RIGHT	1
B87-73-000	M430886	CYLINDER BARREL	1
X41-21-05016	M449235	SCREW (EACH)	14 REQ.
B87-72-300	M156248	PISTON RING (EACH)	7 REQ.
B87-75-100	M444764	RETAINER PLATE	1
B87-72-110	M443469	PISTON (EACH)	7 REQ.
B87-72-120	M2021910	PISTON WITH RING (EACH)	7 REQ.
B87-76-200	M409134	DISC SPRING (EACH)	4 REQ.
B87-77-400	M410289	CENTER PIN	1
B87-50-399	M430673	DRIVE SHAFT (Main)	1
B87-50-999	M411723 / M425724	DRIVE SHAFT (Hub)	1
MPN101743		DRIVE SHAFT (24 Tooth)	1
MPN098921	M154486	SHAFT BEARING (ASSEMBLY)	1
B87-80-200	M270941	SEAL KIT	1
B87-92-051	M412570	CUP COLLAR	1
		SPACER	1
		SHIM	1

Shims & Spacers are included in the rotating group; they are also available for individual purchase - Please contact our Inside Sales Department.

General

MA8V0160 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
B86-70-112		ROTARY GROUP - DRIVE (RH)	1
B86-70-211		ROTARY GROUP - IDLER (LH)	1
B86-70-000		ROTARY GROUP w/o SHAFT	1
MPB109338		CHARGE PUMP	
B86-73-000	M430794	BARREL	1
MPN400055	M436475	DRIVE SHAFT - DRIVE	1
MPN400056	M436474	DRIVE SHAFT (HUB)	1
B86-74-200	M650456	VALVE PLATE - LEFT	1
B86-74-100	M650455	VALVE PLATE - RIGHT	1
B86-73-000	M430794	CYLINDER BARREL	1
X41-21-06020	M831108	SCREW (EACH)	14 REQ.
B86-72-300	M9831897	PISTON RING (EACH)	7 REQ.
B86-75-100	M6269	RETAINER PLATE	1
B86-72-110	M440274	PISTON (EACH)	7 REQ.
B86-72-120	M2021911	PISTON WITH RING (EACH)	7 REQ.
MPN025016	M410551	DISC SPRING (EACH)	4 REQ.
B86-77-400	M410552	CENTER PIN	1
MPN101942		BEARING ASSEMBLY	1
MPN400057	M156512	BEARING CUP/CONE	2 REQ.
MPN400058	M23232	BEARING CUP/CONE	1
B86-80-100		SEAL KIT	1
B86-92-051	M414031	CUP COLLAR	1
		SPACER	1
		SHIM	1

Shims & Spacers are included in the rotating group; they are also available for individual purchase - Please contact our Inside Sales Department.

General

MA8V0200 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
B82-70-112		ROTATING GROUP (C/W DRIVE SHAFT)	1
B82-70-211		ROTATING GROUP (IDLER)	1
B82-70-000		ROTATING GROUP (w/o SHAFT)	1
B82-50-999		IDLER SHAFT	1
MPN107913	M2030556	REAR PORT RH - ISO PORTING	
B82-74-200		VALVE PLATE - LEFT	1
B82-74-100		VALVE PLATE - RIGHT	1
B82-73-000		BARREL	1
X41-29-06020		SCREWS	14 REQ.
B82-72-300		PISTON RINGS	14 REQ.
B82-72-110		PISTON	7 REQ.
B82-75-100		RETAINER PLATE	1
B82-76-200		DISC SPRING	4REQ.
B82-77-400		CENTER PIN	1
MPN101942		BEARING ASSEMBLY (Idler)	1
MPN109206		BEARING ASSEMBLY (Main)	1
MPN108149		FRONT BEARING CUP/CONE	1
MPN107926		RETAINING RING	1
		SPACER	1
MPN400058	M23232	SHIM	1

Shims & Spacers are included in the rotating group; they are also available for individual purchase - Please contact our Inside Sales Department.

General

MA11V0130 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500046	M9443979	CYLINDER BLOCK & VALVE PLATE LH	1
MPN500047	M02041935	CYLINDER BLOCK & VALVE PLATE RH	1
MPN500045	M09078189	PISTON & SHOE	9 req
MPN500048	M09445879	SWASH PLATE	1
MPN500049	M09431914	RETAINER PLATE	1
MPN500050	M02041873	BALL GUIDE	1
MPN500054	M09074128	BALL GUIDE SPRING	1
MPN500055	M09412706	BALL GUIDE WASHER	1
MPN107955	M09156269	FRONT BEARING	1
MPN107956	M09156310	REAR BEARING	1
MPN500053	M09431891	RETAINER	1
MPN500051	M02600959	SADDLE BEARING	1
MPN500052	M09650057	SADDLE BEARING SEAT	1
MPN107954	M09154345	SHAFT SEAL	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MA11V0190

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - A11VLO190DRS/01L-NTD12K02	MPN103677	P.O.R.

General

MA11V0190 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500004	M2400550	CYLINDER BLOCK & VALVE PLATE (LH)	1
MPN109399	M2400542	CYLINDER BLOCK & VALVE PLATE RH	1
MPN107977	M2400541	PISTON & SHOE	9 req
MPN107999	M9921186	SWASH PLATE	1
MPN500005	M2400681	RETAINER PLATE	1
MPN500006	M2400544	BALL GUIDE	1
MPN500008	M2400547	BALL GUIDE SPRING	1
MPN500009	M2400545	BALL GUIDE WASHER	1
MPN107958	M9157194	FRONT BEARING	1
MPN107959	M9156745	BEARING - REAR	1
MPN500007	M2007712	RETAINER	1
MPN107997	M2600957	SADDLE BEARING	1
MPN107998	M9921202	SADDLE BEARING SEAT	1
MPN500011	M2007459	PUSH ROD - BOTTOM	1
MPN500010	M2007453	PUSH ROD STEPPED - TOP	1
MPN107957	M9831662	SHAFT SEAL	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA11V0260 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500033	M02400662	CYLINDER BLOCK & VALVE PLATE RH	1
MPN500031	M02400557	PISTON AND SHOE	9 req
MPN500034	M09921364	SWASH PLATE	1
MPN500035	M2400559	RETAINER PLATE	1
MPN500036	M02400655	BALL GUIDE	1
MPN107961	M09831574	FRONT BEARING	1
MPN107962	M09156665	REAR BEARING	1
MPN500043	M02028020	PUSH ROD (BOTTOM)	1
MPN500042	M02027506	PUSH ROD STEPPED (TOP)	1
MPN500039	M09921366	RETAINER	1
MPN500037	M09831302	SADDLE BEARING	1
MPN500038	M09449731	SADDLE BEARING SEAT	1
MPN107960	M09831663	SHAFT SEAL	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA4VG71 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN107945	M9606657	CHARGE PUMP	1
MPN107951	M9606664	CHARGE PUMP	1

General

MA4VG90 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500059	M00414515	PISTON	9 Req
MPN500060	M00449882 \ M00650711CW	BARREL AND VALVE PLATE RH	1
MPN500061	M00921729	RETAINER PLATE	1
MPN500062	M00921730	BALL GUIDE	1
MPN500063	M00922255	SWASH PLATE	1
MPN500064	M00650053	SADDLE BEARING	1
MPN500065	M00830165	BEARING SEAT	1
MPN500066	M00921728	DISC SPRING	1
MPN500067		WASHER	1
MPN500070	M00650748	WEAR PLATE	1
MPN500068	M009650376	COUPLER	1
MPN107947	M9606811	CHARGE PUMP	1
MPN107946	M9606805	CHARGE PUMP	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA4VG125 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500071	M00428131	PISTON	9 Req
MPN500072	M00445940 / M00650714CCW	BARREL AND VALVE PLATE RH	1
MPN500073	M00921719	RETAINER PLATE	1
MPN500074	M00432264	BALL GUIDE	1
MPN500080	M00921720	SPRING WASHERS	1
MPN500076	M00830578	SADDLE BEARINGS	2
MPN500077	M00650055	BEARING SEAT	2
MPN500075	M00445122	SWASH PLATE	1
MPN500081		WASHER	1
MPN500082	M00443465	BARREL SPRING	1
MPN500083	M00426695	COMPOSITE BEARING	1
MPN500084		RETAINING RING	1
MPN500079	M00650692	SIDE PLATE	1
MPN107949	M651470	CHARGE PUMP	1
MPN107948	M9606320	CHARGE PUMP	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA4VG180 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN500085	M00429499	PISTON	9 Req
MPN500086	00449877 / 00650715CCW	BARREL AND VALVE PLATE RH	1
MPN500087	00445277	RETAINER PLATE	1
MPN500088	00440135	BALL GUIDE	1
MPN500089	00445149	SWASH PLATE	1
MPN500090	00445400	DISC SPRING	1
MPN500091	71128-006	SNAP RING	1
MPN500092	00449875	BARREL WASHER	1
MPN500093	00435429	BARREL SPRING	1
MPN107950	M9446224	CHARGE PUMP	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MA2F107 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
B27-72-110	M426823 / M410321	PISTON (EACH)	7 REQ.
B87-75-100	M444764	RETAINER PLATE	1
B27-73-010	M421288 / M421309	BARREL	1
B27-76-200	M400105	SPRING	1
B27-77-400	M409486	CENTER PIN	1
B27-74-100	M650851	VALVE CONTROL PLATE -RH	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVE19

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - PVE19L - *-30-**-12		P.O.R.

General

MPVE19 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN093160	M923948	Rotating Group Assembly	1
MPN093151	M426454	Barrel	1
MPN093627	M923939	Piston (EACH)	9 REQ.
MPN093628	M402650	Shoe Cage {Retainer Plate}	1
MPN093629	M402580	Ball Guide (Spherical Washer)	1
MPN093152	M425415	Valve Plate - LH	1
MPN093153	M425412	Valve Plate - RH	1
MPN109201	424544	Shaft 13 tooth # 9	1
MPN100781	423415	Shaft 15 Tooth # 2	1
MPN093165	M410050	Pin Retainer	1
MPN093155	M248810	Pin (EACH)	3 REQ.
MPN093157	M402579	Spring	1
MPN093156	M404932	Spring Washer a	1
MPN093158	M423368	Spring Washer b	1
MPN093159	M99907	Snap Ring	1
MPN093163	M923989	Seal Kit	1
MPN101818	M423617	Metal Gasket PVE 19/21	1
MPN105133	M409997	Yoke	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVE21

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - PVE21L - *-30-**-12		P.O.R.

General

MPVE21 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN093171	M923947	Rotating Group Assembly	1
MPN093161	M418215	Barrel	1
MPN093162	M923946	Piston (EACH)	9 REQ.
MPN093628	M402650	Shoe Cage {Retainer Plate}	1
MPN093629	M402580	Ball Guide (Spherical Washer)	1
MPN093164	M425416	Valve Plate - LH	1
MPN093630	M425413	Valve Plate - RH	1
MPN093165	M410050	Pin Retainer	1
MPN093155	M248810	Pin (EACH)	3 REQ.
MPN093157	M402579	Spring	1
MPN093156	M404932	Spring Washer a	1
MPN093158	M423368	Spring Washer b	1
MPN093159	M99907	Snap Ring	1
MPN093163	M923989	Seal Kit	1
MPN101818	M423617	Metal Gasket PVE 19/21	1
MPN105133	M409997	Yoke	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVH57 & MPVE27

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVH57		P.O.R.
PUMP - MPVE27 Replacement*	See Model Code for Configurations	P.O.R.
PVE Adapter Kit**		P.O.R.
Thru Drive Option		P.O.R.

General

MPVH57 & MPVE27 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN098556	M938102	Rotating Group Assembly MPVE27	1
MPN098418	M877420	Rotating Group Assembly MPVH57	1
MPN093108	M937023 / M680625	Barrel	1
MPN093109	M306362	Piston (EACH)	9 REQ.
MPN098552	M926257	Piston Kit (SET)	1
MPN093110	M584512	Shoe Cage {Retainer Plate}	1
MPN093115	M680631	Valve Plate - LH	1
MPN093116	M680630	Valve Plate - RH	1
MPN102294	M514121	Valve Plate (QIP) LH PVH57	1
MPN102293	M514128	Valve Plate (QIP) RH PVH57	1
MPN093118	M690832	Yoke PVH57	1
X03-33-13565	M513433	Front Shaft Bearing cup/cone	1
MPN600167	M513436	Rear Shaft Bearing cup/cone	1
MPN107679	M527166	Shaft (Keyed) - #1	1
MPN101819	M513839	Shaft (Splined) - #2	1
MPN101595	M913978	Shaft (Splined) - #8	1
MPN101418	M857787	Shaft (Splined) - #10	1
MPN101419	M997024	Shaft (Splined) - #24	1
MPN101680	M526684	Shaft - Thru-Drive (Splined) - #2	1
MPN092338	M513885	Saddle Bearing (W) MPVH57 (each)	1
MPN092339	M513886	Saddle Bearing (N) MPVH57 (each)	1
MPN103286	M690211 / M690210	Control Piston & Rod Assy (PVH57)	1
MPN101753	M526696	Coupling SAE C - 14 Tooth	1
MPN101754	M526694	CouplingSAE B - 13 Tooth	1
MPN101752	M526695	Coupling SAE BB - 15 Tooth	1
MPN101679	M928730	Thru Drive Cover (RH) MPVH57 SAE	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPVH57 & MPVE27 - Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN101678	M928705	Thru Drive Cover (LH) MPVH57 SAE	1
MPN093119	M690801	Spacer (EA)	2 REQ.
MPN093111	M680624	Spring Guide	1
X01-01-80832	M114516	Key for Shaft Code # 1	1
MPN093112	M627524	Spring	1
MPN093113	M584524	Spring Guide	1
MPN093114	M85560	Retaining Ring	1
MPN098072	M632587	Spacer PVE27	1
MPN098075	M584515	Swash Plate PVE27	1
MPN090694	M02-125161	Load Sensing Control Valve	1
MPN090509	M02-125160	Standard 'C' Compensator	1
MPN093120	M690218	Limiter (EA)	2 REQ.
MPN101876	M597022	Gasket - PVE	1
MPN093624	M513846	Gasket - PVH	1
MPN400125	M102244	Seal Kit - PVH	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVH74 & MPVE35

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVH74		P.O.R.
PUMP - MPVE35 Replacement*		P.O.R.
PVE Adapter Kit**	See Model Code for Configurations	P.O.R.
Thru Drive Option		P.O.R.

General

MPVH74 & MPVE35 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN098417	M877421	Rotating Group Assembly PVH74	1
MPN098451	M938101	Rotating Group Assembly PVE35	1
MPN092725	M937025 / M680626	Barrel	1
MPN092724	M305857	Piston (EACH)	9 REQ.
MPN093626	M941424	Piston Kit (SET)	1
MPN093631	M584774	Shoe Cage {Retainer Plate}	1
MPN093632	M627437	Valve Plate - LH	1
MPN400060	M627438	Valve Plate - RH	1
MPN095586	M513890	Valve Plate (QI) - LH - PVH	1
MPN107583	M513889	Valve Plate (QI) - RH - PVH	1
MPN093105	M526651	Yoke - PVH	1
MPN103433	M589093	Front Shaft Bearing cup/cone	1
MPN102367	M388153	Rear Shaft Bearing cup/cone	1
MPN107676	M692567	Shaft (Keyed) - #1 (74 only)	1
MPN107677	M513865	Shaft (Splined) - #2 (74 only)	1
MPN109313	M864343	Shaft (splined) # 3 (74 Only)	
MPN107166	M883252	Shaft (Threaded-Keyed) - #5 (74 only)	1
MPN107167	M883326	Shaft (Splined) - #10 (74 only)	1
MPN109312	M864344	Shaft (Keyed) # 13 (74 only)	
MPN107119	M883229	Shaft Thru-Drive (Splined) - #2 (74 only)	1
MPN109000	M875792	Shaft Thru-Drive (Splined) - #10 (74 only)	1
MPN103285	M690804 / M690805	Control Piston & Rod Assy (PVH74)	1
MPN101758	M864457	Coupling SAE B - 13 Tooth	1
MPN101755	M864459	Coupling SAE BB - 15 Tooth	1
MPN101756	M864458	Coupling SAE C - 14 Tooth	1
MPN101757	M864461	Coupling SAE CC - 17 Tooth	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPVH74 & MPVE35 - Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN101838	M864460	Coupling SAE A - 9 Tooth	1
MPN101827	M928732	Thru Drive Cover (RH) (MPVH74) SAE	1
MPN101355	M928707	Thru Drive Cover (LH) (MPVH74) SAE	1
MPN093106	M526639	Spacer (EA)	2 REQ.
X01-01-80832	M114516	Key for Shaft Code # 1	1
MPN400061	M631568	Spring Guide	1
MPN400062	M584454	Spring	1
MPN400063	M584483	Spring Guide	1
MPN400064	M91365	Retaining Ring	1
MPN098074	M584473	Spacer PVE35	1
MPN090156	M231557	Yoke PVE74	1
MPN093105	M526651	Swash Plate PVH74	1
MPN098076	M631567	Swash Plate PVE35	1
MPN093107	M690796	Limiter (EA)	2 REQ.
MPN090694	M02-125161	Load Sensing Control Valve	1
MPN090509	M02-125160	Standard 'C' Compensator	1
MPN101332	M526631	Gasket MPVH74	1
MPN101878	631571	GASKET PVE35	1
MPN400066	M102262	Seal Kit MPVH74	1
MPN098399	M513927	Saddle Bearing (N) PVH74 (each)	1
MPN098400	M513926	Saddle Bearing (W) PVH74 (each)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVH98 & MPVE47

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVH98		P.O.R.
PUMP - MPVE47 Replacement*	See Model Code for Configurations	P.O.R.
PVE Adapter Kit**		P.O.R.
Thru Drive Option		P.O.R.

General

MPVH98 & MPVE47 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN098419	M877422	Rotating Group Assembly PVH98	1
MPN098554	M938103	Rotating Group Assembly PVE47	1
MPN091101	M680627	Barrel	1
MPN091100	M02-152400	Piston (EACH)	9 REQ.
MPN098553	M926246	Piston Kit (SET)	1
MPN025013	M584539	Shoe Cage {Retainer Plate}	1
MPN098098	M928635	Valve Block - RH	1
MPN091104	M928684	Valve Block - LH	1
MPN091105	M928685	Valve Block Metric -LH	1
MPN091106	M584540	Mobile Valve Plate - LH	1
MPN091107	M627371	Mobile Valve Plate - RH	1
MPN090489	M514122	Industrial Valve Plate - RH	1
MPN090503	M514120	Industrial Valve Plate - LH	1
MPN090489	M514122	Valve Plate (QIP) R.H. PVH98	1
MPN090503	M514120	Valve Plate (QIP)L.H. PVH98	1
MPN090508	M513629	Yoke PVH98	1
MPN095061	M513911	Saddle Bearing (N)	1
MPN095062	M513912	Saddle Bearing (W)	1
MPN092123	M388154	Front Shaft Bearing cup/cone	1
MPN092126	M413603	Rear Shaft Bearing cup/cone	1
MPN091568	M527167	Shaft (Keyed) - #1	1
MPN090488	M513627	Shaft (Splined) - #2	1
MPN101374	M860679	Shaft Thru-Drive (Splined) - #2	1
MPN101416	M864453	Shaft Thru-Drive (Splined) - #3	1
MPN109001	M500613	Shaft Thru-Drive (Threaded-Keyed) - #5	1
MPN103663	M526627 / M526628	Control Piston & Rod Assy (PVH98)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPVH98 & MPVE47 - Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN101579	M877040	Coupling SAE B - 13 Tooth	1
MPN101638	M877044	Coupling SAE BB - 15 Tooth	1
MPN101580	M877045	Coupling SAE C - 14 Tooth	1
MPN101639	M877046	Coupling SAE CC - 17 Tooth	1
MPN101839	M877039	Coupling SAE A - 9 Tooth	1
MPN101910	M928732	Thru Drive Cover (RH) (MPVH98) SAE	1
MPN101375	M928710	Thru Drive Cover (LH) (MPVH98) SAE	1
MPN092271	M513625	Spacer PVH98 (EA)	2 REQ.
MPN098073	M584545	Spacer PVE47	1
X01-01-80832	M114516	Key for Shaft Code # 1	1
MPN091596	M584546	Spring Guide	1
MPN091597	M627192	Spring	1
MPN091594	M584547	Spring Guide	1
X05-01-52200	M102038	Retaining Ring	1
MPN098077	M584531	Swash Plate PVE47	1
MPN091103	M513626	Limitter (EA)	2 REQ.
MPN090694	M02-125161	Load Sensing Control Valve	1
MPN090509	M02-125160	Standard 'C' Compensator	1
MPN091827	M589332	Shaft Seal	1
MPN091593	M513631	Gasket (Metal)	1
MPN092717	M102264	Seal Kit	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVH106

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVH106	See Model Code for Configurations	P.O.R.
Thru Drive Option		P.O.R.

General

MPVH106 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN101979	02-102053	Rotating Group Assembly	1
MPN102084	688218	Barrel	1
MPN102085	02-306365	Piston (EACH)	9 REQ.
MPN102086	688217	Shoe Cage {Retainer Plate}	1
MPN101978	688219	Valve Block - RH	1
MPN102087	688220	Valve Block - LH	1
MPN091105	M928685	Valve Block Metric -LH	1
MPN091106	M584540	Mobile Valve Plate - LH	1
MPN091107	M627371	Mobile Valve Plate - RH	1
MPN090489	M514122	Industrial Valve Plate - RH	1
MPN090503	M514120	Industrial Valve Plate - LH	1
MPN090508	M513629	Yoke PVH98	1
MPN095061	M513911	Saddle Bearing (N)	1
MPN095062	M513912	Saddle Bearing (W)	1
MPN092123	M388154	Front Shaft Bearing cup/cone	1
MPN092126	M413603	Rear Shaft Bearing cup/cone	1
MPN091568	M527167	Shaft (Keyed) - #1	1
MPN090488	M513627	Shaft (Splined) - #2	1
MPN101374	M860679	Shaft Thru-Drive (Splined) - #2	1
MPN101416	M864453	Shaft Thru-Drive (Splined) - #3	1
MPN109001	M500613	Shaft Thru-Drive (Threaded-Keyed) - #5	1
MPN103663	M526627 / M526628	Control Piston & Rod Assy (PVH106)	1
MPN101579	M877040	Coupling SAE B - 13 Tooth	1
MPN101638	M877044	Coupling SAE BB - 15 Tooth	1
MPN101580	M877045	Coupling SAE C - 14 Tooth	1
MPN101639	M877046	Coupling SAE CC - 17 Tooth	1
MPN101839	M877039	Coupling SAE A - 9 Tooth	1
MPN101910	M928732	Thru Drive Cover (RH) SAE	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPVH106 - Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN101375	M928710	Thru Drive Cover (LH) SAE	1
MPN092271	M513625	Spacer (EA)	2 REQ.
MPN091596	M584546	Spring Guide	1
MPN091597	M627192	Spring	1
MPN091594	M584547	Spring Guide	1
X05-01-52200	M102038	Retaining Ring	1
MPN091103	M513626	Limiter (EA)	2 REQ.
MPN090694	M02-125161	Load Sensing Control Valve	1
MPN090509	M02-125160	Standard 'C' Compensator	1
MPN091827	M589332	Shaft Seal	1
MPN091593	M513631	Gasket (Metal)	1
MPN092717	M102264	Seal Kit	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVH131

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVH131		P.O.R.
PUMP - MPVH141	See Model Code for Configurations	P.O.R.
Thru Drive Option		P.O.R.

General

MPVH131 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN098425	M877419	Rotating Group Assembly (PVH131)	1
MPN104946	M02-322898	Rotating Group Assembly (PVH141)	1
MPN093699	M680628	Barrel	1
MPN104957	M928786	Barrel (PVH141)	1
MPN025003	M159749	Piston (EACH)	9 REQ.
MPN104958	M02-306322	Piston (EACH) (PVH141)	9 REQ.
MPN025011	M683791	Shoe Cage {Retainer Plate}	1
MPN104956	M928776	Shoe Cage {Retainer Plate} PVH141	1
MPN095223	M527163	Valve Plate - LH	1
MPN095224	M527164	Valve Plate - RH	1
MPN104945	M928774	Valve Plate - RH (PVH141)	1
MPN095225	M692941	Yoke	1
MPN095226	M526757	Spacer (EA)	2 REQ.
MPN095227	M526758	Limiter (EA)	2 REQ.
MPN098401	M692949	Saddle Bearing (W)	1
MPN098402	M692948	Saddle Bearing (N)	1
MPN102001F	M388206	Front Shaft Bearing cup/cone	1
X03-33-13565	M513433	Rear Shaft Bearing cup/cone	1
MPN102424	M860802	Shafts (Splined) # 2	1
MPN102069	M877042	Shaft (Splined) # 3	1
MPN102324	M928810	Shafts # 6	1
MPN102323	M913395	Shaft (Splined) # 10	1
MPN102322	M860593	Shaft (Splined) # 12	1
MPN102309	M876175	Shaft (Keyed) # 13	1
MPN102321	M913685	Shaft (Keyed) # 23	1
MPN102320	M876177	Shaft Thru-Drive # 3	1
MPN102071	M877049	Shaft Thru-Drive (Keyed) # 6	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPVH131- Parts Cont.

Metaris Part #	Alternative Part #	Description	Qty.
MPN102072	M913561	Shaft Thru-Drive (Splined) # 10	1
MPN102070	M860594	Shaft Thru-Drive (Splined) # 12	1
MPN102073	M883240	Shaft Thru-Drive (Keyed) # 23	1
MPN103288	M526754 / M526753	Control Piston & Rod Assy (PVH131)	1
MPN101638	M877044	Coupling SAE BB - 15 Tooth	1
MPN101580	M877045	Coupling SAE C - 14 Tooth	1
MPN101639	M877046	Coupling SAE CC - 17 Tooth	1
MPN101579	M877039	Coupling SAE B - 13 Tooth	1
MPN101814	M928736	Thru Drive Cover (RH) (MPVH131) SAE	1
MPN101813	M928713	Thru Drive Cover (LH) (MPVH131) SAE	1
MPN107566	M526760	Gasket (Metal)	1
MPN090694	M02-125161	Load Sensing Control Valve	1
MPN090509	M02-125160	Standard 'C' Compensator	1
MPN098140	M581104	Spring Guide	1
MPN098139	M626111	Spring	1
X01-01-90938	M140282	Key for Shaft Code # 13	1
MPN098138	M417667	Spring Guide	1
MPN098141	M135066	Retaining Ring	1
MPN099711	M102266	Seal Kit	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVB 5/6

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVB 5/6		P.O.R.

General

MPVB 5/6 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN090157	M875775	ROTATING GROUP - PVB 5	1
MPN091856	M942229	PISTON KIT (SET OF 9) - PVB 5	1
MPN091092	M875773	ROTATING GROUP PVB6	1
MPN091857	M942230	PISTON KIT (SET OF 9) -PVB6	1
MPN091861	M942224	VALVE PLATE LH - MPVB5/6	1
MPN090158	M942223	VALVE PLATE RH - MPVB5/6	1
MPN090156	M231557	YOKE	1
MPN091098	M266162	SHAFT - KEYED	1
MPN091845	M286848	SHAFT - SPLINED	1
MPN091647	M283233	SHAFT BEARING	1
MPN091649	M317572	PINTLE BEARING	1
MPN091653	M919191	SEAL KIT (NITRILE)	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVB 10/15

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVB 10/15		P.O.R.

General

MPVB 10/15 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN090160	M938276	ROTATING GROUP - PVB10	1
MPN091858	M942047	PISTON KIT (SET OF 9) - PVB10	1
MPN090785	M938273	ROTATING GROUP - PVB15	1
MPN091859	M941887	PISTON KIT (SET OF 9) - PVB15	1
MPN091863	M942162	VALVE PLATE LH - MPVB15	1
MPN091862	M942163	VALVE PLATE RH - MPVB15	1
MPN091864	M942161	VALVE PLATE LH - MPVB10	1
MPN091865	M942160	VALVE PLATE RH - MPVB10	1
MPN090159	M342743	YOKE	1
MPN103216	M239077	SWASH PLATE PVB10/15	1
MPN091099	M270369	SHAFT - KEYED	1
MPN091846	M292077	SHAFT - SPLINED	1
MPN091648	M284397	SHAFT BEARING	1
MPN091641	M012016	PINTLE BEARING	1
MPN091654	M919682	SEAL KIT (NITRILE)	1
MPN102622	M317162	GASKET PVB10/15	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Units

MPVB 20/29

Series	Metaris Part #	List Price (U.S. - \$)
PUMP - MPVB 20/29		P.O.R.

General

MPVB 20/29 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN090163	M938274	ROTATING GROUP - PVB20	1
MPN090819	M941883	PISTON KIT (SET OF 9) - PVB20	1
MPN091094	M938275	ROTATING GROUP - PVB29	1
MPN091860	M941888	PISTON KIT (SET OF 9) - PVB29	1
MPN091866	M942172	VALVE PLATE LH - MPVB29	1
MPN091867	M942171	VALVE PLATE RH - MPVB29	1
MPN090210	M942170	VALVE PLATE LH - MPVB20	1
MPN090164	M942169	VALVE PLATE RH - MPVB20	1
MPN090162	M362029	YOKE	1
MPN091096	M362135	SHAFT - KEYED	1
MPN091847	M282880	SHAFT - SPLINED	1
MPN091646	M283090	SHAFT BEARING	1
MPN091651	M353230	PINTLE BEARING	1
MPN091655	M919683	SEAL KIT (NITRILE)	1
MPN102623	M245976	GASKET PVB20/29	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPV90 M46 Series (46cc) - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN103490	M4460650	PISTON (EACH)	7 REQ.
MPN103491	M4460832 / M4460583	CYLINDER BLOCK	1
MPN103492	M4460417	VALVE PLATE RH	1
MPN103493	M4460418	VALVE PLATE LH	1
MPN103494	M4460119	VALVE PLATE M	1
MPN103495	M4460009	RETAINER PLATE	1
MPN103496	M4460180	BALL GUIDE	1

General

MPV90 90 Series (55cc) - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN093054	M80020S07	ROTATING GROUP - PUMP	1
MPN093666	M80030S07	ROTATING GROUP - MOTOR	1
MPN093667	M8000128	CYLINDER BLOCK Assy - W/O Speed Ring	1
MPN093668	M8000336	CYLINDER BLOCK Assy - W/ Speed Ring	1
MPN093064	M367672	PISTON (EACH)	9 REQ.
MPN093056	M8000071	VALVE PLATE, -2 DEGREE	1
MPN013158	M508125	VALVE PLATE (PV90 R-55) CP15+0.5	1
MPN093060	M8000132	MOTOR PLATE	1
MPN101283	M8000188	SWASH PLATE	1
MPN093676	M8000131	SADDLE BEARING & SEAT ASSY	1
MPN093669	M8000374	THRUST PLATE (Motor)	1
MPN095313	M8000072	RETAINER SLIPPER GUIDE	1
MPN095316	M8000073	SHIM-SLIPPER GUIDE RETAINER	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MPV90 90 Series (75cc) - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN093053	M81020S07	ROTATING GROUP - PUMP	1
MPN093681	M81030S07	ROTATING GROUP - MOTOR	1
MPN093682	M8100267	CYLINDER BLOCK Assy - W/O Speed Ring	1
MPN093683	M8100525	CYLINDER BLOCK Assy - W/ Speed Ring	1
MPN093063	M708230	PISTON (EACH)	9 REQ.
MPN093057	M518805	VALVE PLATE, +0 DEGREE	1
MPN103498	M501332/ M8100590	VALVE PLATE P	1
MPN101284	M8100367	SWASH PLATE	1
MPN093059	M8100278	MOTOR PLATE	1
MPN103500	M8100299	SWASH PLATE	1
MPN093691	M8700048	SADDLE BEARING & SEAT ASSY	1
MPN093685	M8100156	THRUST PLATE (Motor)	1
MPN095314	M8100271	RETAINER SLIPPER GUIDE	1
MPN095317	M8100272	SHIM-SLIPPER GUIDE RETAINER	1

General

MPV90 90 Series (100cc) - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN093052	M82020S07	ROTATING GROUP - PUMP	1
MPN093650	M82030S07	ROTATING GROUP - MOTOR	1
MPN093651	M8200124	CYLINDER BLOCK Assy - W/O Speed Ring	1
MPN093652	M8200277	CYLINDER BLOCK Assy - W/ Speed Ring	1
MPN093062	M364000	PISTON (EACH)	9 REQ.
MPN093055	M518994	VALVE PLATE, - 2 DEGREE	1
MPN013159	M508806	VALVE PLATE (PV90 R-55) CP15+0.5	1
MPN101282	M8200232	SWASH PLATE	1
MPN093058	M8200134	MOTOR PLATE	1
MPN103503	M8200170	SHAFT 13T/25T	1
MPN103504	M8200169	SHAFT 23T/25T	1
MPN093661	M8200053	SADDLE BEARING & SEAT ASSY	1
MPN093654	M8200167	THRUST PLATE (Motor)	1
MPN095315	M8200128	RETAINER SLIPPER GUIDE	1
MPN095318	M8200129	SHIM-SLIPPER GUIDE RETAINER	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

MHPR100 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN025000	M2543230111	DRIVE SHAFT	1
MPN093639	M2543240205	VALVE PLATE - LEFT	1
MPN025002	M2543240201	VALVE PLATE - RIGHT	1
MPN025008	M2343200805	CYLINDER BARREL	1
MPN025007	M2343201400	BALL GUIDE & RETAINER PLATE	1
MPN025001	M2343200401	PISTON (EACH)	9 REQ.
MPN093640	M9215619	SPRING	1
MPN093641	M9144004	SPACER	1
MPN093642	M9143805	SPACER	1
MPN093643	M92890366	SHIM	1
MPN093644	M9517000129	PIN (NEEDLE BEARING)	3
MPN093645	M9456622544	REATINER	1
MPN400080	M9143515	WASHER	1
MPN091749	M9509000731	BEARING - REAR CUP	1
		BEARING - REAR CONE	1
MPN091753	M9247305	BEARING - FRONT CONE	1
		BEARING - FRONT CUP	1
MPN093646	M2543232010	SWASH PLATE	1
MPN093647	M9515121	SUPPORT	1
MPN091751	M9841004	RING (LARGE)	1
MPN400081	M2543400002	SERVER PISTON (LARGE)	1
MPN093648	M9841005	RING (SMALL)	1
MPN400082	M2543400017	SERVER PISTON (SMALL)	1
MPN109250	M0009204003	SADDLE BEARING (EACH)	2 REQ
MPN400084	M2543209900	SEAL KIT - SINGLE	1
MPN093649	M2543209901	SEAL KIT - DOUBLE	1

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

LPVD-45 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700100		Valve Plate (RH)	EA
MPN700101		Valve Plate (LH)	EA
MPN700102		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
MPN700173		Block Springs (Set of 9)	Set
MPN700103		Ball Guide	EA
MPN700105		Set Plate (Retainer)	EA
MPN700104		Piston Assy. (Individual - 9 Required)	EA
MPN700106		Shoe Plate (Thrust)	EA
		Drive Shaft (Front)	EA
		Drive Shaft (Rear)	EA
MPN700161		Rotating Group (RH)	EA
MPN700162		Rotating Group (LH)	EA

General

LPVD-64 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700107		Valve Plate (LH)	EA
MPN700108		Valve Plate (RH)	EA
MPN700109		Cylinder Block (Brass)	EA
MPN700110		Cylinder Block (Steel)	EA
MPN700111		Block Springs (Set of 9)	Set
MPN700112		Ball Guide	EA
MPN700114		Set Plate (Retainer)	EA
MPN700113		Piston Assy. (Individual - 9 Required)	EA
MPN700115		Shoe Plate (Thrust)	EA
MPN700117		Drive Shaft (Front)	EA
MPN700118		Drive Shaft (Rear)	EA
MPN700116		Swash Plate (Yoke)	EA
MPN700163		Rotating Group (RH)	EA
MPN700164		Rotating Group (LH)	EA

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

LPVD-90 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700119		Valve Plate (RH)	EA
MPN700120		Valve Plate (LH)	EA
MPN700121		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
MPN700174		Block Springs (Set of 9)	Set
MPN700122		Ball Guide	EA
MPN700124		Set Plate (Retainer)	EA
MPN700123		Piston Assy. (Individual - 9 Required)	EA
MPN700125		Shoe Plate (Thrust)	EA
MPN700126		Drive Shaft (Front)	EA
MPN700127		Drive Shaft (Rear)	EA
MPN700165		Rotating Group (RH)	EA
MPN700166		Rotating Group (LH)	EA

General

LPVD-100 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700128		Valve Plate (LH)	EA
MPN700129		Valve Plate (RH)	EA
MPN700130		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
MPN700131		Block Springs (Set of 9)	Set
MPN700132		Ball Guide	EA
MPN700134		Set Plate (Retainer)	EA
MPN700133		Piston Assy. (Individual - 9 Required)	EA
MPN700135		Shoe Plate (Thrust)	EA
MPN700137		Drive Shaft (Front)	EA
MPN700138		Drive Shaft (Rear)	EA
MPN700136		Swash Plate (Yoke)	EA
MPN700167		Rotating Group (RH)	EA
MPN700168		Rotating Group (LH)	EA

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

LPVD-125 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700139		Valve Plate (RH)	EA
MPN700140		Valve Plate (LH)	EA
MPN700141		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
MPN700175		Block Springs (Set of 9)	Set
MPN700142		Ball Guide	EA
MPN700144		Set Plate (Retainer)	EA
MPN700143		Piston Assy. (Individual - 9 Required)	EA
MPN700145		Shoe Plate (Thrust)	EA
MPN700146		Drive Shaft (Front)	EA
MPN700147		Drive Shaft (Rear)	EA
MPN700148		Bearing Seat	EA
MPN700169		Rotating Group (RH)	EA
MPN700170		Rotating Group (LH)	EA

General

LPVD-140 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
MPN700149		Valve Plate (RH)	EA
MPN700150		Valve Plate (LH)	EA
MPN700151		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
MPN700176		Block Springs (Set of 9)	Set
MPN700152		Ball Guide	EA
MPN700154		Set Plate (Retainer)	EA
MPN700153		Piston Assy. (Individual - 9 Required)	EA
MPN700155		Shoe Plate (Thrust)	EA
MPN700156		Drive Shaft (18T x 24T)	EA
MPN700157		Drive Shaft	EA
MPN700171		Rotating Group (RH)	EA
MPN700172		Rotating Group (LH)	EA

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

General

LPVD-250 - Parts

Metaris Part #	Alternative Part #	Description	Qty.
		Valve Plate (LH)	EA
		Valve Plate (RH)	EA
		Cylinder Block (Steel)	EA
		Cylinder Block (Brass)	EA
		Block Springs (Set of 9)	Set
MPN700158		Ball Guide	EA
MPN700160		Set Plate (Retainer)	EA
MPN700159		Piston Assy. (Individual - 9 Required)	EA
		Shoe Plate (Thrust)	EA
		Drive Shaft (Front)	EA
MPN700147		Drive Shaft (Rear)	EA

N/A-Not Available N.S.S. - Not Sold Separately P.O.R - Price On Request - Contact Customer Service

Hydralex Global - A Recognized Global Leading Provider of High Quality Hydraulic Components



Products We Offer

- Inline Piston Pumps
- Radial Piston Pumps & Motors
- Bent Axis Piston Pumps & Motors
- Fixed Volume Vane Pumps
- Variable Volume Vane Pumps
- Gear Pumps
- Vane Motors
- Axial Piston Motors
- High Speed Motors
- Servo Motors
- Orbital Motors
- Directional Valves
- Flow Control Valves
- Pressure Control Valves
- Relief Valves
- Check Valves
- Stack Valves
- Servo Valves
- Proportional Valves
- PTOs (Power Take-offs)
- Cylinders



Hydralex Global Corporate
48175 Gratiot Ave
Chesterfield, MI 48051
Toll Free: 800.422.4279
Tel: 586.949.4240
www.hydralex.com

Hydralex Global - Michigan Tel: 586.949.4240
Hydralex Global - Mississippi Tel: 601.469.1987
Hydralex Global - ON, Canada Tel: 416.638.6000
Hydralex Global - Washington Tel: 253.604.0400
Hydralex Global - Tennessee Tel: 901.794.2462

sales@ahx1.com
sales@metarisusa.com
sales@metaris.com
sales@h-r-d.com
sales@flinthydrostatics.com



Connect with us:



All manufacturers names, symbols and descriptions in this document are used for reference purposes only, and it is not implied that any parts listed is the product of these manufacturers.