

Western Pacific Products, Inc.

Anything In Or On Your Tank – Ready to Ship

Over 8,000 Part Numbers – Over 26,000 Square Feet of Warehouse – We Ship Worldwide

SPEC SHEET	206-001
Section	200
Effective	September 2001
Replaces	December 2000

HYDRIVE SERIES HYDRAULIC COOLERS

Unique Design

Compact size allows for easy installation on tractors and trucks with minimal space on chassis rails. The compact design with a low noise level centrifugal fan provides maximum performance and heat dissipation up to 13.5 HP (10kW) on 2010 models and 26 HP (20kW) on 2020 models.

Built for Performance

Constructed from stainless steel materials to withstand the harsh environmental and operation conditions. The light weight cooler with a small hydraulic oil reservoir, reduces the concern and hazard of costly spills.

Maintenance Friendly

The easy to read restriction gauge mounted on the front of the Hydrive indicates when the spin-on oil filter should be replaced. Normal hydraulic oil maintenance is made easy with the reservoir drain on the Hydrive tank.

Options and Accessories

- Optional Control Valve
- Complete Systems Package
- Hydraulic Motor Adapters



Hydrive 2010



Hydrive 2020



www.blackmer.com

800-677-3711

Signal Hill, (L.A.) CA

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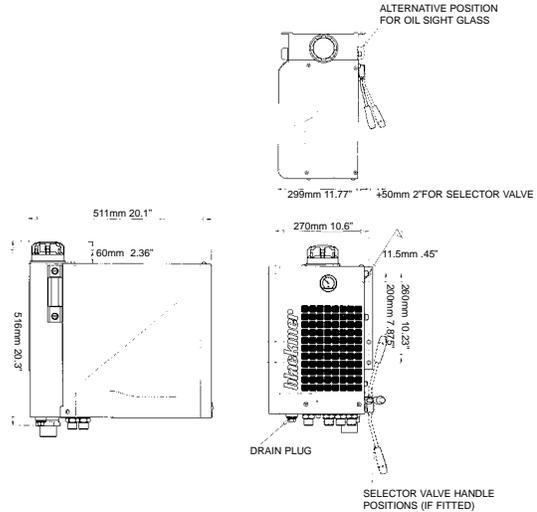
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HYDRIVE SERIES

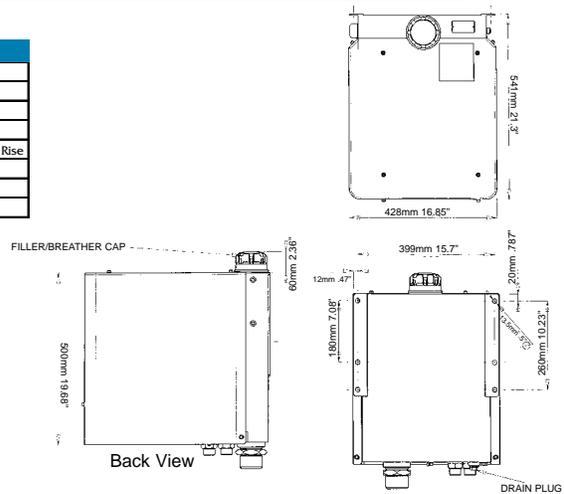
Hydrive 2010

Operations Parameters		
Oil Flow Rate	15-26 US GPM	55-100 l/min
Circuit Pressure	750-4400 PSI	50-300 BAR
Fan Speed	2800 RPM	
Return Pressure	15-75 PSI	1-5 BAR
Heat Dissipation	13.5 HP for 70°F Temp. Rise	10 kW for 40°C Temp. Rise
Fan Motor Flow	1.5 US GPM	5.5 l/min
Weight (dry)	53 lbs	24 kg
Oil Tank Capacity	2.5 US Gallons	10 Liters



Hydrive 2020

Operations Parameters		
Oil Flow Rate	15-50 US GPM	55-190 l/min
Circuit Pressure	750-4400 PSI	50-300 BAR
Fan Speed	2800 RPM	
Return Pressure	15-75 PSI	1-5 BAR
Heat Dissipation	26 HP for 70°F Temp. Rise	20 kW for 40°C Temp. Rise
Fan Motor Flow	1.5 US GPM	5.5 l/min
Weight (dry)	77 lbs	35 kg
Oil Tank Capacity	4.5 US Gallons	17 Liters



Sales Information and Equipment Application Assistance

Blackmer has a world wide distribution network to assist you in specifying any of our family of pumps, compressors and other equipment for your application.

For more information or to find the distributor nearest to you, please contact us at the telephone, fax or internet address listed below.

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PEOPLE PROVIDING FLOW TECHNOLOGY WORLDWIDE™

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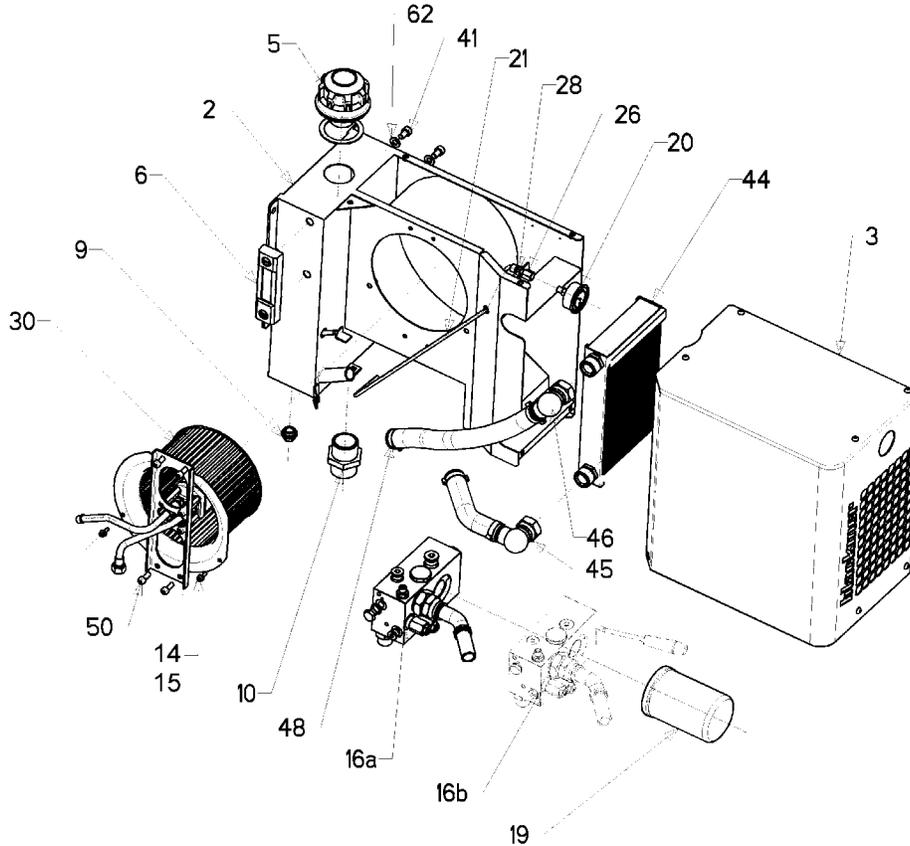
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BLACKMER PARTS LIST HYDRIVE 2010

(See Instructions 206-A00 for Installation, Operation and Maintenance*)

968900	PARTS LIST
Page 1 of 4	206-A01
Section	206
Effective	March 2002
Replaces	Feb 2001



Ref. No.	Description	Parts per Unit	Part No.	Ref. No.	Description	Parts per Unit	Part No.
2	Tank	1	Y219171	19	Return Filter	1	Y219185
3	Cover – Stainless Steel	1	Y219172	20	Filter Gauge	1	Y219186
5	Filler/Breather Cap	1	Y219174	26	Fitting – 1/8" BSP x 4 mm	1	Y219668
6	Oil Temperature/Level Gauge	1	Y219175	28	Fitting – 1/8" BSP x 4 mm	1	Y219666
9	BSP Plug – 1/2"	1	Y219178	30	Fan Motor Assembly – Complete	1	Y312149
10a	BSP-NPT Adapter 1 1/2"	1	Y219180	41	M10 screw	2	Y219669
10	NPT Adapter 1 1/2"	1	Y219179	44	Radiator	1	Y219202
14	Capscrews – M6 x 16	6	Y217209	45	Radiator Hose	1	Y219203
15	Washer – M6	6	Y200169	46	Radiator Hose	1	Y219204
16A	Valve Block Assembly	1	Y312148	50	Capscrew – M8 x 15	4	Y200412
16B	Valve Block Assembly – With Selector Valve (Optional)	1	Y312151	62	Washer BS 3/8"	2	Y219731

For each hose Y219204 ordered, order an Y219676 clamp for mounting. The filter gauge is connected to the Hydrive by a Rilsan tube, internal diameter 4 mm, external diameter 6 mm, cut to a 700 mm length.

*Keep this parts list with the Hydrive Installation, Operation and Maintenance Instructions.

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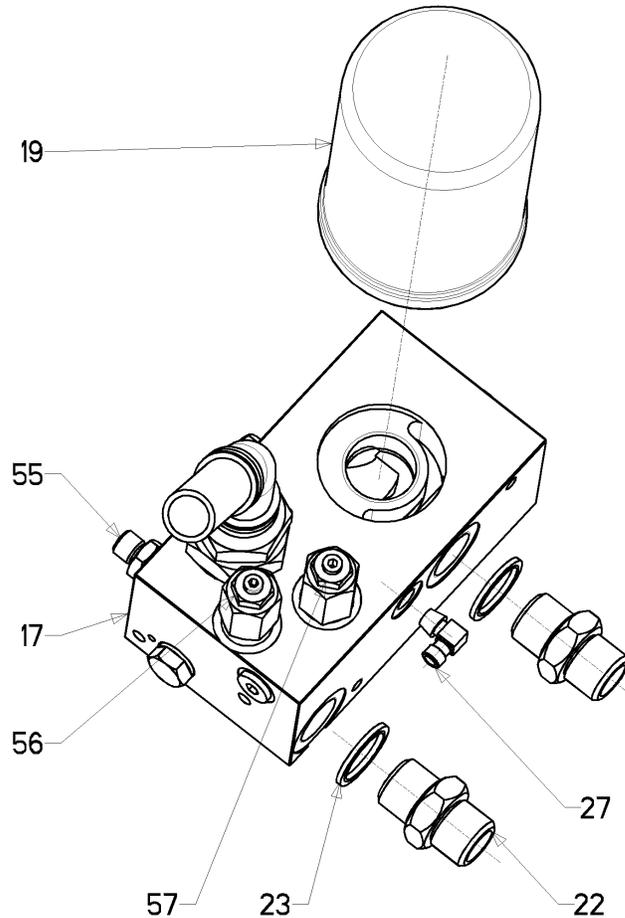
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PARTS LIST – VALVE BLOCK HYDRIVE 2010



Ref. No.	Description	Parts per Unit	Part No.
17	Valve Block	1	Y219183
19	Return Filter	1	Y219185
22	Adapter – 1 1/16" x 12 JIC M	2	Y219187
22A	Adapter – 3/4" BSP/NPT	2	Y219209
23	Seal	2	Y219188
27	Elbow – 1/4" BSP x 4 mm	1	Y219667
55	Adapter 3/8" BSP	1	Y219219
56	Relief Valve	1	Y219220
57	Fan Speed Control Valve	1	Y219221

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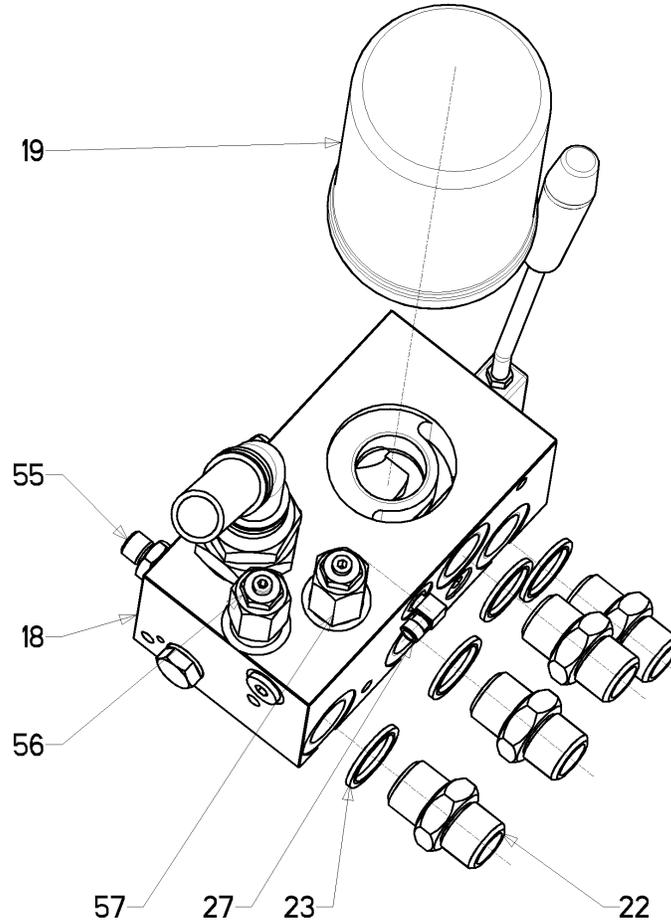
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PARTS LIST – VALVE BLOCK WITH SELECTOR VALVE HYDRIVE 2010



Ref. No.	Description	Parts per Unit	Part No.
18	Valve Block – Selector Valve	1	Y219184
19	Return Filter	1	Y219185
22	Adapter – 3/4" BSP - #12 JIC	4	Y219187
22A	Adapter – 3/4" BSP/ NPT	4	Y219209
23	Seal	4	Y219188
27	Elbow – 1/4" BSP x 4 mm	1	Y219667
55	Adapter – 3/8" BSP	1	Y219219
56	Relief Valve	1	Y219220
57	Fan Speed Control Valve	1	Y219221

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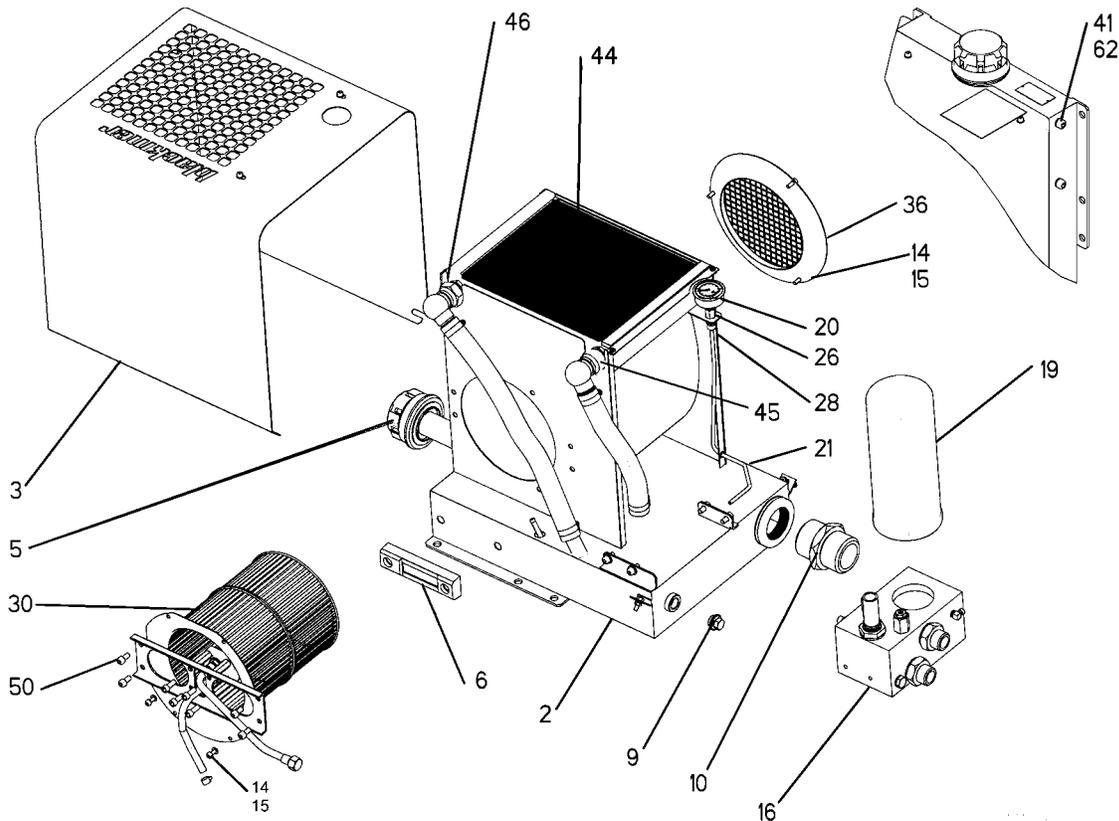
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BLACKMER PARTS LIST HYDRIVE 2020

(See Instructions 206-A00 for Installation, Operation and Maintenance*)

968902 Page 1 of 3	PARTS LIST 206-A02
Section	206
Effective	March 2002
Replaces	New



Ref. No.	Description	Parts per Unit	Part No.	Ref. No.	Description	Parts per Unit	Part No.
2	Tank	1	Y219609	20	Filter Gauge	1	Y219186
3	Cover – Stainless Steel	1	Y219610	26	Fitting – 1/8" BSP x 4 mm	1	Y219668
5	Filler/Breather Cap	1	Y219174	28	Fitting – 1/8" BSP x 4 mm	1	Y219666
6	Oil Temperature/Level Gauge	1	Y219175	30	Fan Motor Assembly – Complete	1	Y312331
9	BSP Plug – 1/2"	1	Y219178	36	Fan protection grid	1	Y219614
10a	BSP-NPT Adapter 2 "	1	Y219621	41	M10 screw	2	Y219669
10	NPT Adapter 2 "	1	Y219620	44	Radiator	1	Y219617
14	Capscrews – M6 x 16	6	Y217209	45	Radiator Hose	1	Y219618
15	Washer – M6	6	Y200169	46	Radiator Hose	1	Y219619
16	Valve Block Assembly	1	Y312330	50	Capscrew – M8 x 15	4	Y200412
19	Return Filter	1	Y219612	62	Washer BS 3/8"	2	Y219731

For each hose Y219219 ordered, order an Y219676 clamp for mounting. The filter gauge is connected to the Hydrive by a Rilsan tube, internal diameter 4 mm, external diameter 6 mm, cut to a 700mm length.

*Keep this parts list with the Hydrive Installation, Operation and Maintenance Instructions.

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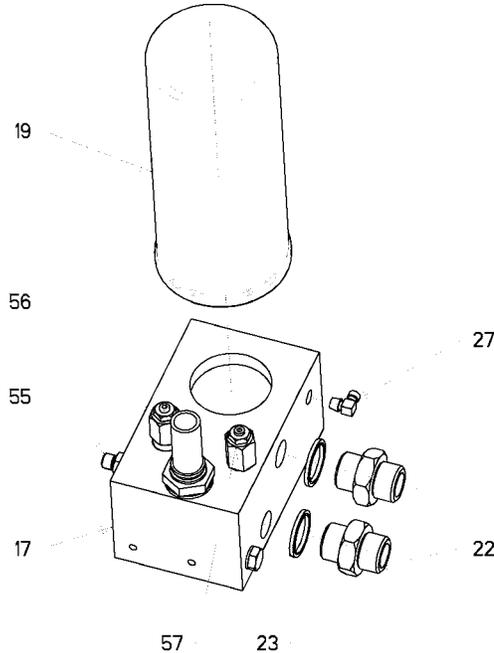
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PARTS LIST – VALVE BLOCK HYDRIVE 2020



Ref. No.	Description	Parts per Unit	Part No.
17	Valve Block	1	Y219611
19	Return Filter	1	Y219612
22	Adapter – 1" BSP 5/16" x 12 JIC M	2	Y219624
22A	Adapter – 1" BSP/NPT	2	Y219622
23	Seal	2	Y219623
27	Elbow – 1/4" BSP x 4 mm	1	Y219667
55	Adapter 3/8" BSP	1	Y219219
56	Relief Valve	1	Y219625
57	Fan Speed Control Valve	1	Y219626

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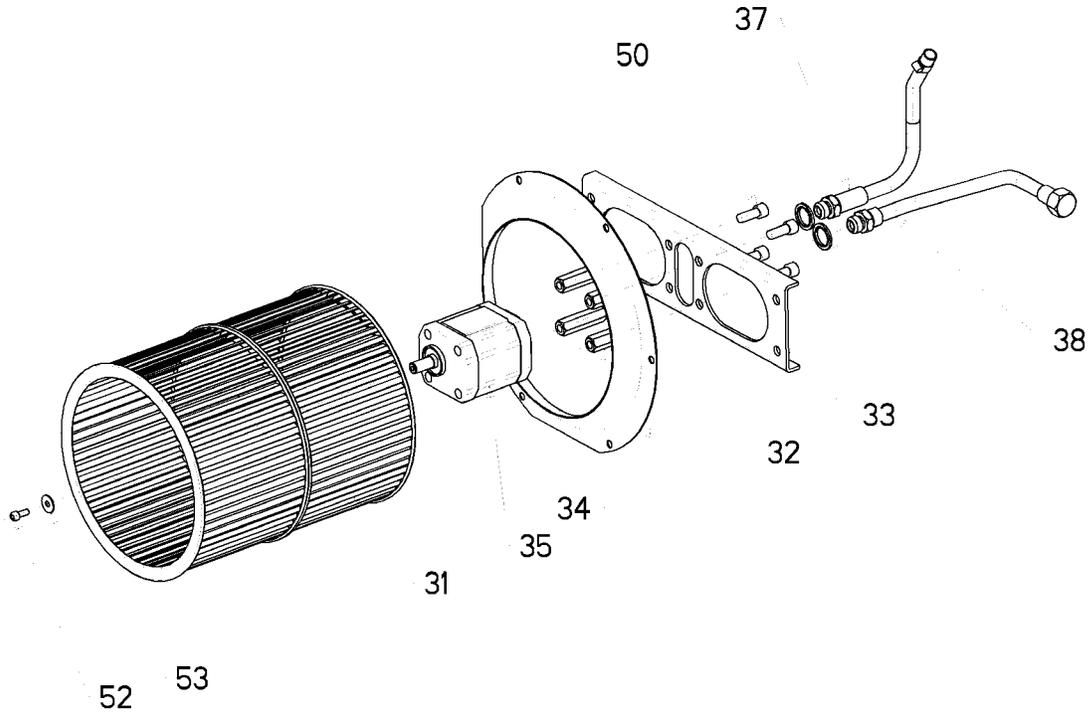
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PARTS LIST – FAN ASSEMBLY HYDRIVE 2020



Ref. No.	Description	Parts per Unit	Part No.
31	Fan	1	Y219613
32	Fan Inlet Ring	1	Y219194
33	Motor Mounting Bracket	1	Y219195
34	Motor Spacers	4	Y219196
35	Hydraulic Motor – 2 cc	1	Y219615
37	High Pressure Hydraulic Hose	1	Y219199
38	Low Pressure Hydraulic Hose	1	Y219616
50	Capscrew – M8 x 15	4	Y200412
52	Capscrew – M5 x 12	1	Y200391
53	Washer – M5	1	Y205073

For each hose Y219616 ordered, order an Y219677 clamp for mounting.



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