

Hyva Hydraulic Kits

Introduction

Hyva Hydraulic Kits

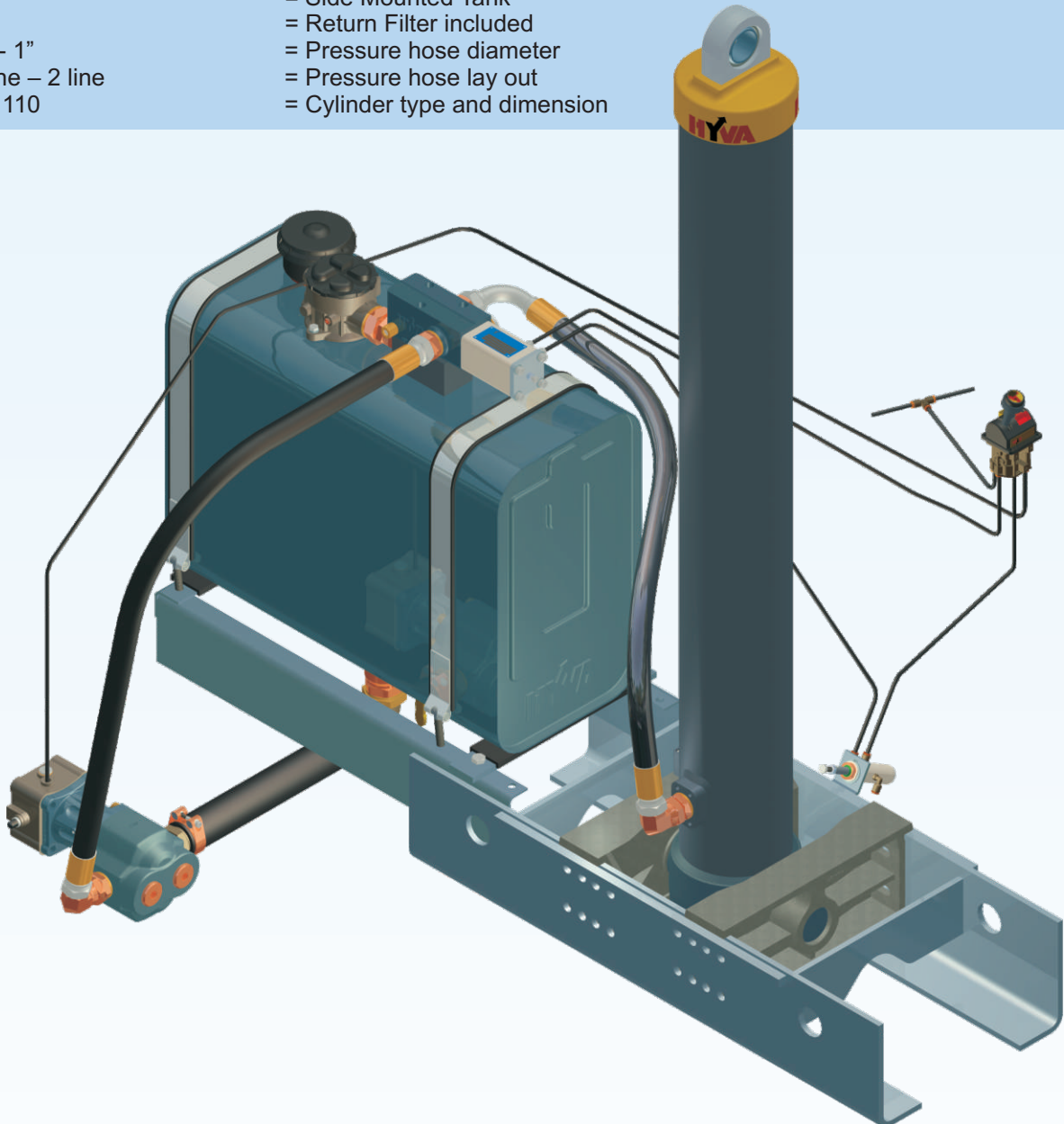
The listed components joined together will form ideal kits to drive hydraulic equipment on your commercial vehicle. The following kits are composed for the most common applications.

Code in description

TK
MF
RET
6x4
GP
PP
RM
SM
RF
¾" - 1"
1 line – 2 line
FC 110

Explanation

= Tipper Kit Tractor Unit
= Moving Floor Kit Tractor Unit
= Rear End Tipper Truck Kit
= Axle configuration (assumption)
= Gear Pump
= Piston Pump
= Rear Mounted Tank
= Side Mounted Tank
= Return Filter included
= Pressure hose diameter
= Pressure hose lay out
= Cylinder type and dimension

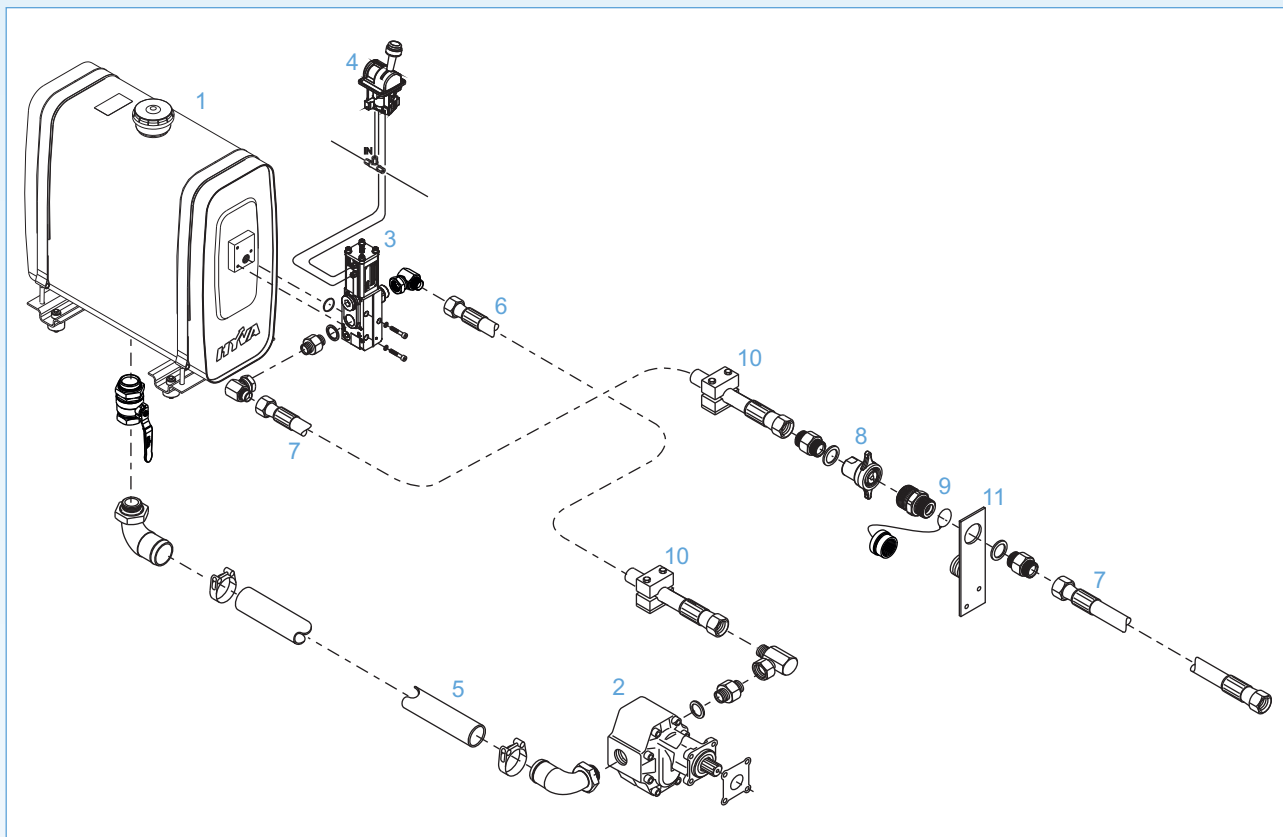


Hyva Hydraulic kits

Tractor Unit

TK - GP - RM - 1" - 1 line

117L up to 169-5-07190



Pos.	Part no.	Description	Qty.
1	TR 117 MD	Oil tank RM-139L/117L - MP	1
2	CB 082 BD	Gear pump 082L - BI - 4H - BR	1
3	ED 190 AD	Valve PT - 1220 - 190 bar	1
4	FB 150 A	Air control for valve	1
5	GM 080 AB	Hose L.P. 1 $\frac{3}{4}$ " L=2000	1
6	147 90 348	Hose H.P. 1" L=2000 - 225 bar	1
7	147 90 361	Hose H.P. 1" L=3000 - 225 bar	2
8	HB 220 C	Q.D. coupling 1" female	1
9	HB 200 C	Q.D. coupling 1" male	1
10	149 59 040	Hose clamp 1"	2
11	013 32 569	Mounting plate Q.D. coupling	1

Important pump information

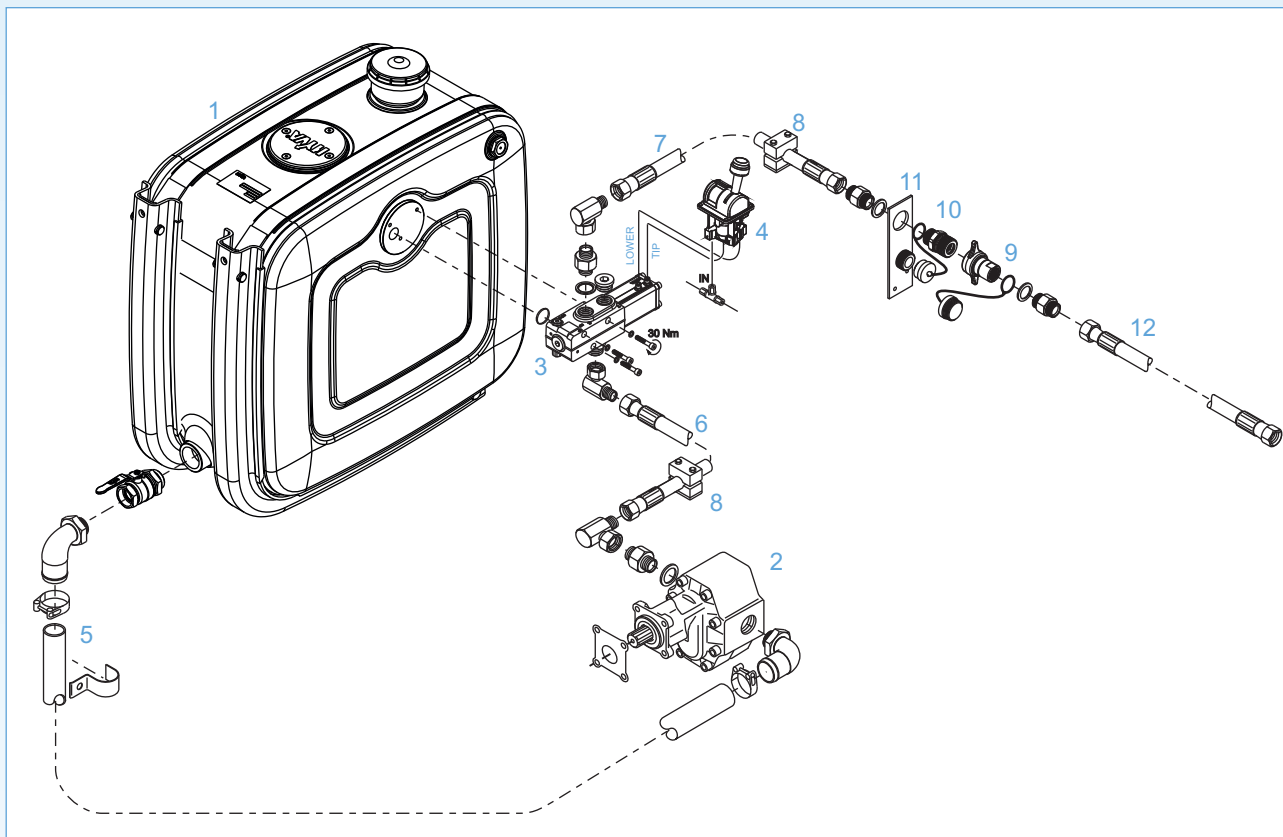
The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com

Hyva Hydraulic kits

Tractor Unit

TK - GP - SM - 1" - 1 line

129L up to 191-5-06180



Pos.	Part no.	Description	Qty.
1	TS 129 MD	Oil tank SM-155L/129L - MP - MR	1
2	CB 082 BD	Gear pump 082L - BI - 4H - BR	1
3	ED 190 AD	Valve PT - 1220 - 190 bar	1
4	FB 150 A	Air control for valve	1
5	GM 080 AB	Hose L.P. 1 3/4" L=2000	1
6	147 90 336	Hose H.P. 1" L=1500 - 225 bar	1
7	147 90 348	Hose H.P. 1" L=2000 - 225 bar	1
8	149 59 040	Hose clamp 1"	2
9	HB 220 C	Q.D. coupling 1" female	1
10	HB 200 C	Q.D. coupling 1" male	1
11	013 32 569	Mounting plate Q.D. coupling	1
12	147 90 361	Hose H.P. 1" L=3000 - 225 bar	1

Important pump information

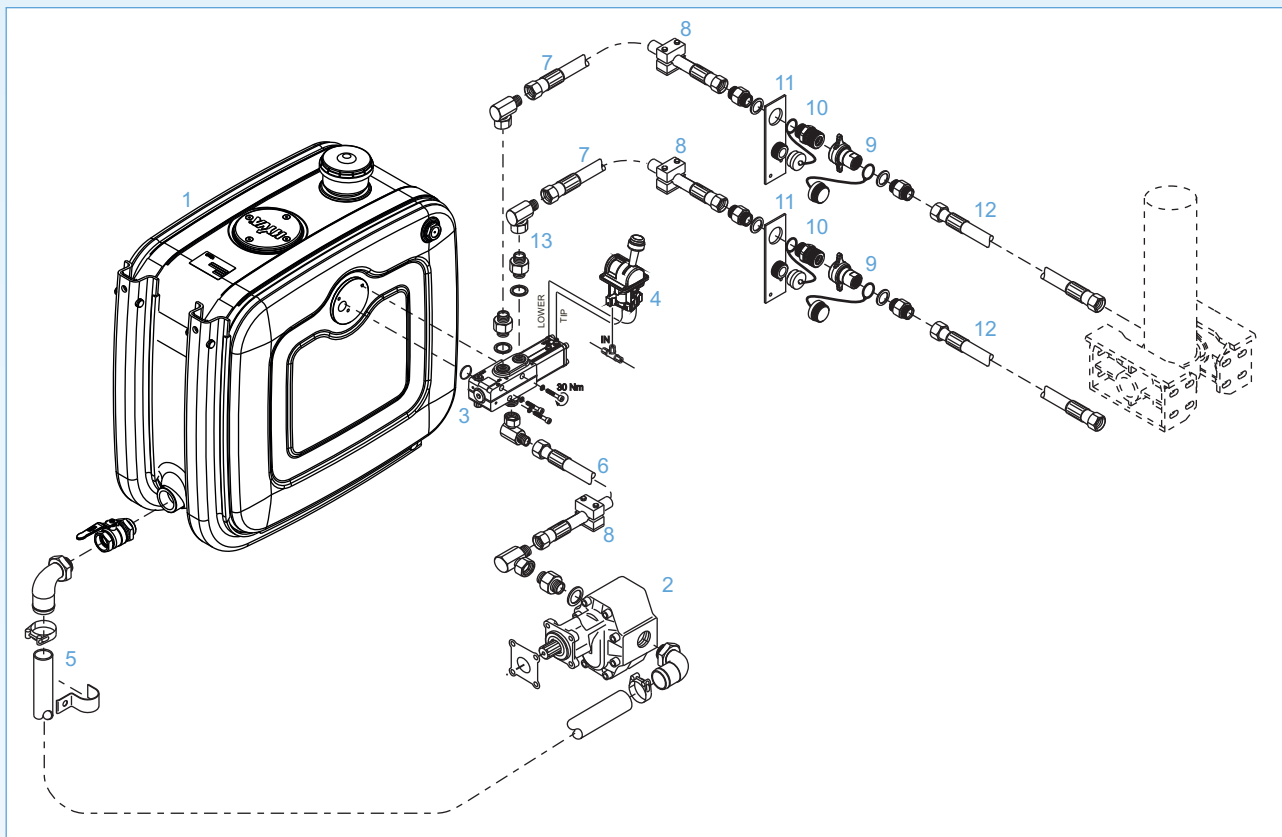
The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com

Hyva Hydraulic kits

Tractor Unit

TK - GP - SM - 1" - 2 line

129L up to 191-5-06180



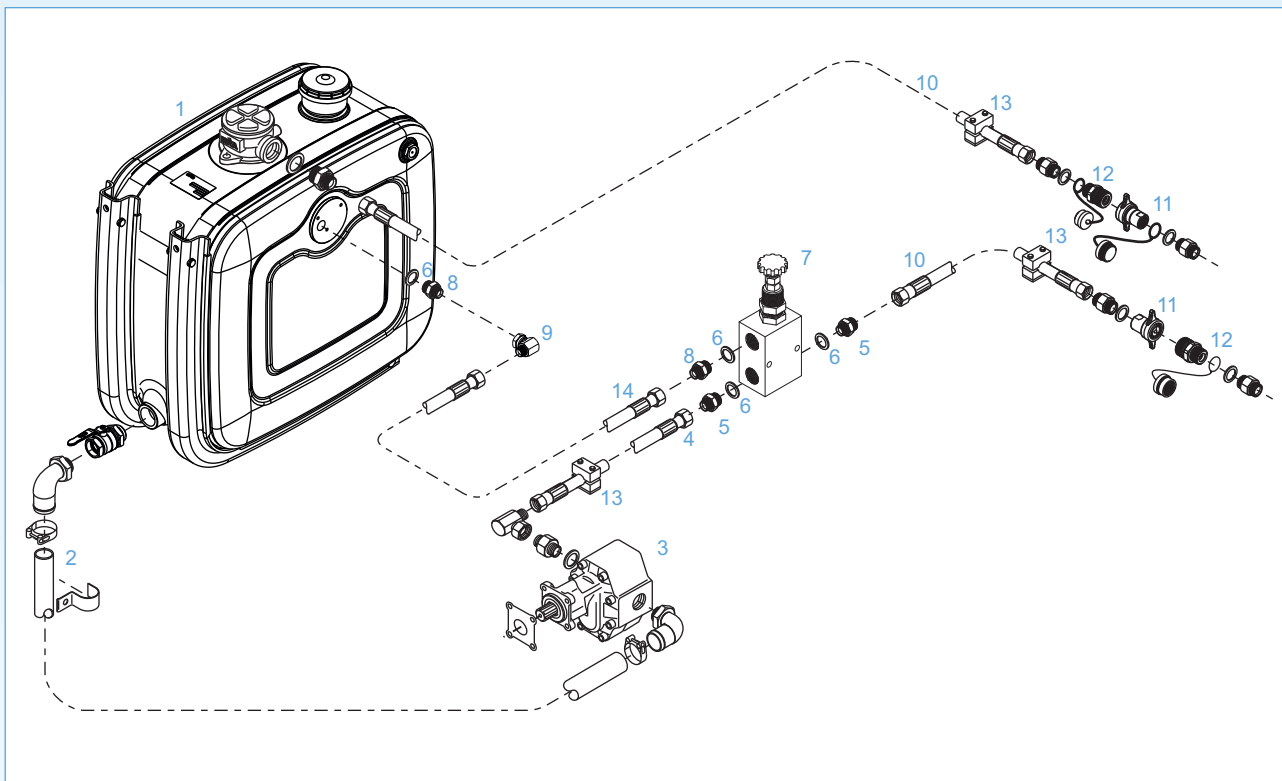
Pos.	Part no.	Description	Qty.
1	TS 129 MD	Oil tank SM-155L/129L - MP - MR	1
2	CB 082 BD	Gear pump 082L - BI - 4H - BR	1
3	ED 190 AD	Valve PT - 1220 - 190 bar	1
4	FB 150 A	Air control for valve	1
5	GM 080 AB	Hose L.P. 1 3/4" L=2000	1
6	147 90 336	Hose H.P. 1" L=1500 - 225 bar	1
7	147 90 348	Hose H.P. 1" L=2000 - 225 bar	2
8	149 59 040	Hose clamp 1"	3
9	HB 220 C	Q.D. coupling 1" female	2
10	HB 200 C	Q.D. coupling 1" male	2
11	013 32 569	Mounting plate Q.D. coupling	2
12	147 90 361	Hose H.P. 1" L=3000 - 225 bar	2
13	NK 1616 H	Adapter kit 1" 90°	1

Important pump information

The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com

Tractor Unit

Moving Floor Kit



Pos.	Part no.	Description	Qty.
1	TS 129 MFD	Oil tank SM-155L/129L - MP - RF	1
2	GM 080 AB	Hose L.P. 1¾" L=2000	1
3	CB 082 BD	Gear pump 082L - BI - 4H - BR	1
4	147 90 336	Hose H.P. 1" L=1500 - 225 bar	1
5	147 99 080	Straight adapter ¾"BSPOT - 1"BSPOT	2
6	012 06 850	Bonded seal ¾"	4
7	013 19 875	Valve pressure relief	1
8	012 22 661	Straight adapter ¾"BSPOT - ¾"BSPOT	2
9	013 17 969	Swivel adapter 90° ¾" BSPOT-¾" BSPIT	1
10	147 90 373	Hose H.P. 1" L=4000 - 225 bar	2
11	HB 220 C	Q.D. coupling 1" female	2
12	HB 200 C	Q.D. coupling 1" male	2
13	149 59 040	Hose clamp 1"	3
14	147 90 038	Hose H.P. 3/4" L=1500 - 280 bar	1

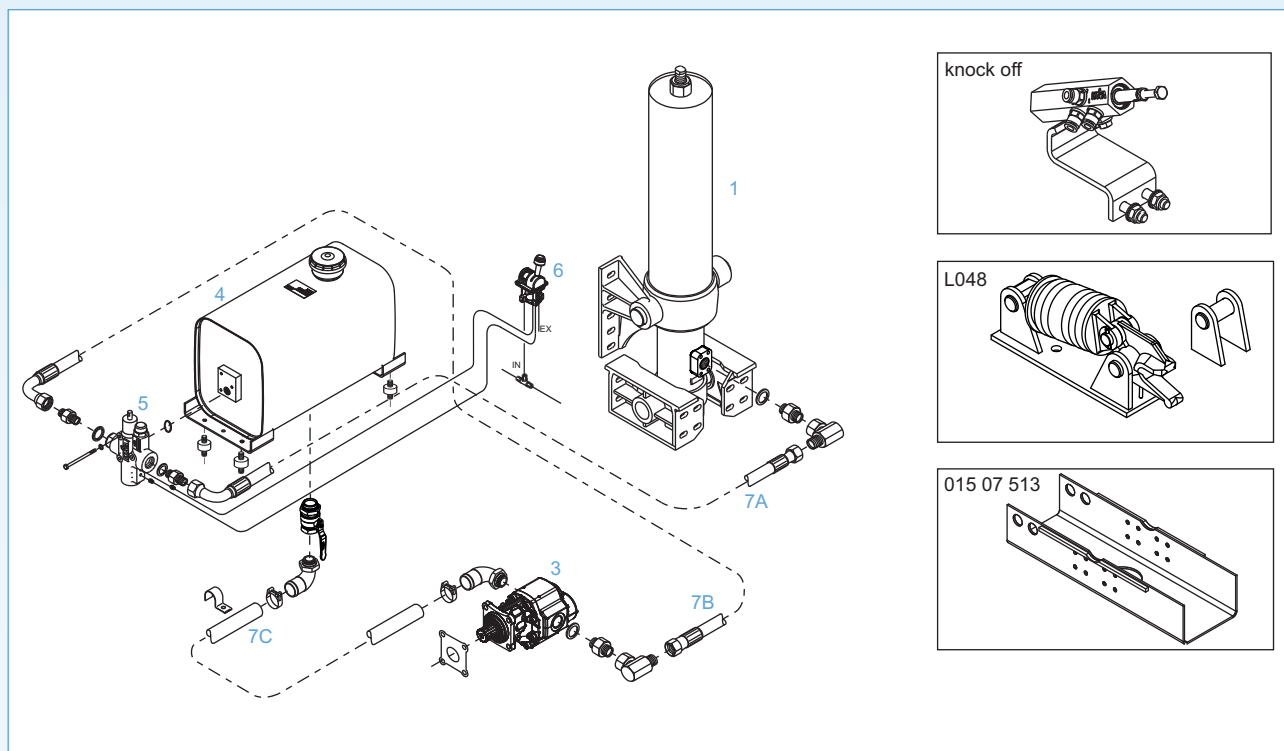
Important pump information

The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm. For further assistance contact your Hyva dealer or visit www.hyva.com

Hyva Hydraulic kits

Truck unit

4 x 2 - RET- FC 110



Pos.	Code no.	Description	Qty.
Cylinder Possibilities			
1	AL13180 AC	FC 110-3-03460-000A-K0343	1
Kit partlist			
3	CB 052 BD	Gear pump 052L - BI - 4H - 3/4"-Lp28	1
4	TC 042 MD	Oil tank kit CM-063L/042L - MP	1
5	EV 190 AC	Kit valve DHMP - 190 bar pneumatic	1
6	FB 150 A	Air control kit for valve	1
7A	147 90 129	Hose 3/4" - HP-12-1000-00-90	1
7B	147 90 142	Hose 3/4" - HP-12-2000-00-90	1
7C	GM 080 AB	Hose L.P. 1 3/4" L=2000mm	1
Alternatives			
4-1	TC 042 M3D	Oil tank kit CM-063L/042L - MP (with tank support)	1
6-1	FB 150 AB	Air control kit for valve incl. knock off	1
Options			
I.	015 07 513	Cylinder cradle	1
II.	L048	Hyfix	1
III.		Hyva PTO + air control	1

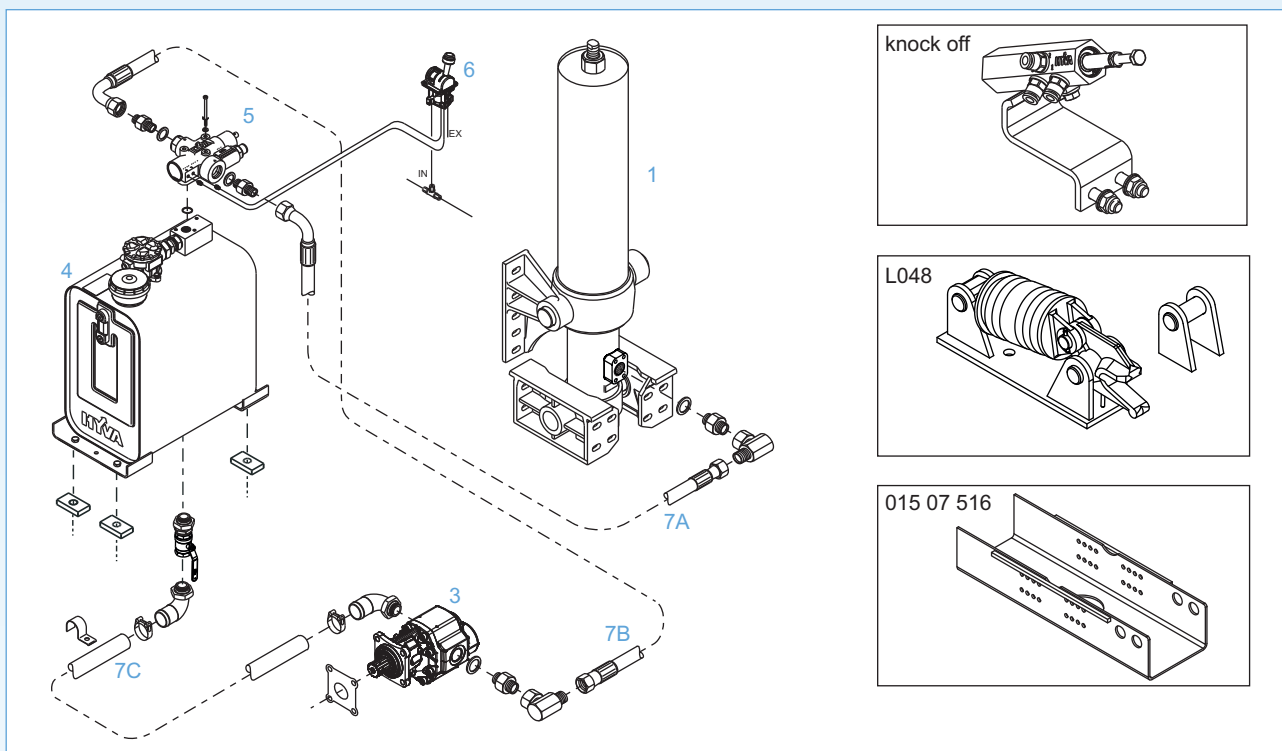
Important pump information

The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com

Hyva Hydraulic kits

Truck unit

6 x 4 - RET - FC 129



Pos.	Code no.	Description	Qty.
Cylinder Possibilities			
1	AL23220 AC	FC 129-3-03880-000A-K0343	1
Kit partlist			
3	CB 061 BD	Gear pump 061L - BI - 4H - 3/4"-Lp28	1
4	TC 052 MFD	Oil tank kit CM-066L/052L - MP - RF	1
5	EV 190 AC	Kit valve DHMP - 190 bar pneumatic	1
6	FB 150 A	Air control kit for valve	1
7A	147 90 129	Hose 3/4" - HP-12-1000-00-90	1
7B	147 90 142	Hose 3/4" - HP-12-2000-00-90	1
7C	GM 080 AB	Hose L.P. 1 3/4" L=2000mm	1
Alternatives			
4-1	TC 052 MF3D	Oil tank kit CM-066L/052L - MP - RF (with tank support)	1
6-1	FB 150 AB	Air control kit for valve incl. knock off	1
Options			
I.	015 07 516	Cylinder cradle	1
II.	L048	Hyfix	1
III.		Hyva PTO + air control	1

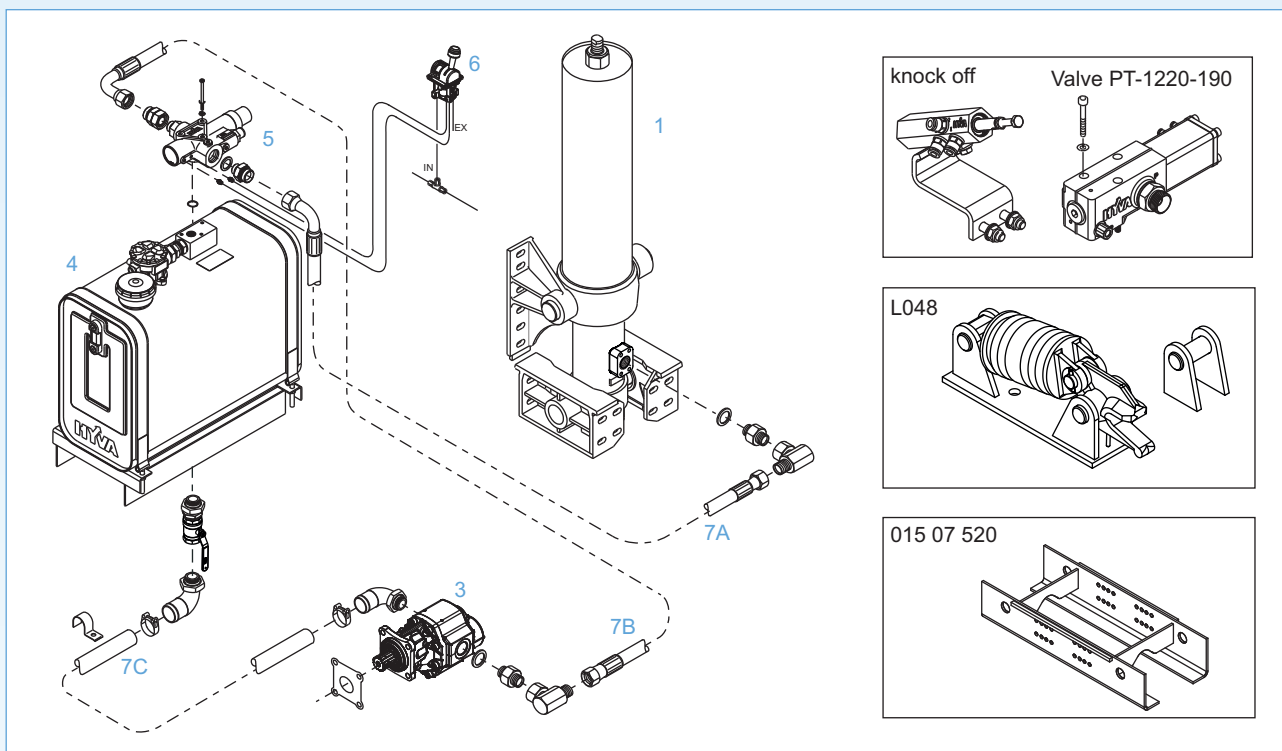
Important pump information

The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com

Hyva Hydraulic kits

Truck unit

8 x 4 - RET - FC 149



Pos.	Code no.	Description	Qty.
Cylinder Possibilities			
1	AL45404 AC	FC 149-4-05180-070A-K0343	1
Kit partlist			
3	CB 082 BD	Gear pump 082L - BI - 4H - 1"-LP28	1
4	TC 079 MF4D	Oil tank kit CM-100L/079L - MP - RF	1
5	ER 190 AC	Kit valve PT - 1140 - 190 bar tankmounted 1" Straight	1
6	FB 150 A	Air control kit for valve	1
7A	147 94 421	Hose 1" - HP-16-1000-00-90	1
7B	147 94 445	Hose 1" - HP-16-2000-00-90	1
7C	GM 080 AB	Hose L.P. 1½" L=2000mm	1
Alternatives			
5-1	ED 190 AC	Kit valve PT - 1220 - 190 bar tankmounted 1" Straight	1
6-1	FB 150 AB	Air control kit for valve incl. knock off	1
Options			
I.	015 07 520	Cylinder cradle	1
II.	L048	Hyfix	1

Important pump information

The pump selection is calculated for PTO ratio of 120% and an engine speed of 1200-1400 rpm.
For further assistance contact your Hyva dealer or visit www.hyva.com