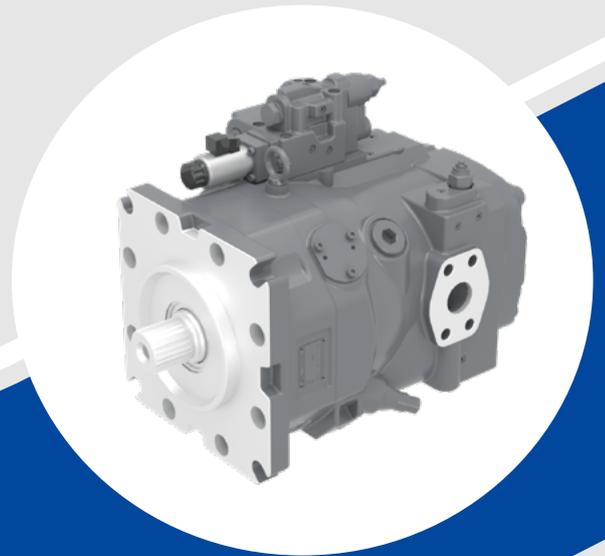
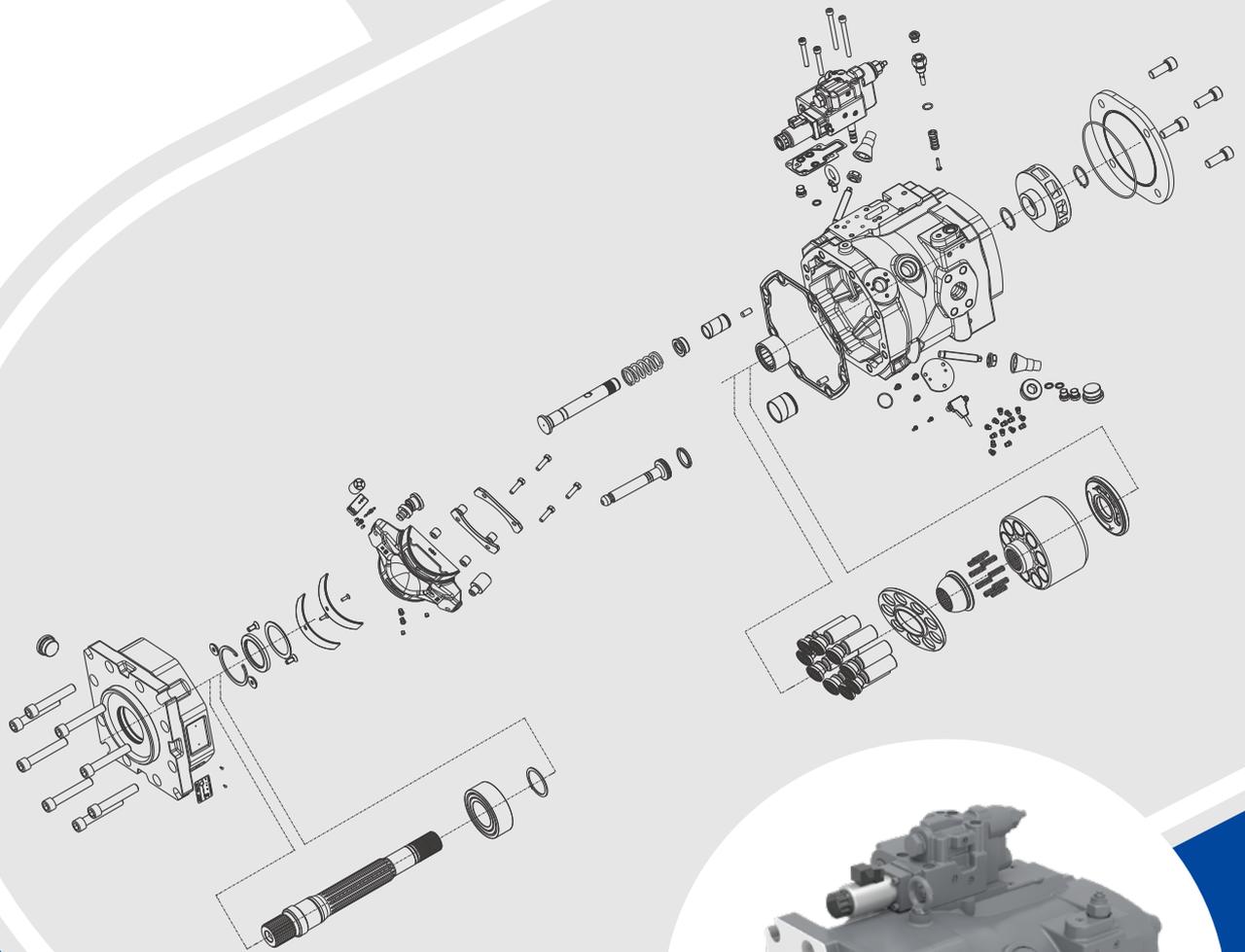


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Parts Manual

V32G Series

Swash-type Plate Axial Piston
Open-loop Pump

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1.General information	02
2.Functional Description	02

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V32G Series

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Note: “*” indicates under production.

1 General Information

This manual lists parts related information for the full range of V32G swash plate axial piston pumps. The main purpose of this manual is to better serve our customers by enabling them to quickly locate parts and find Hengli Genuine Parts.

If you require more detailed information on parts, please contact InLine Hydraulics

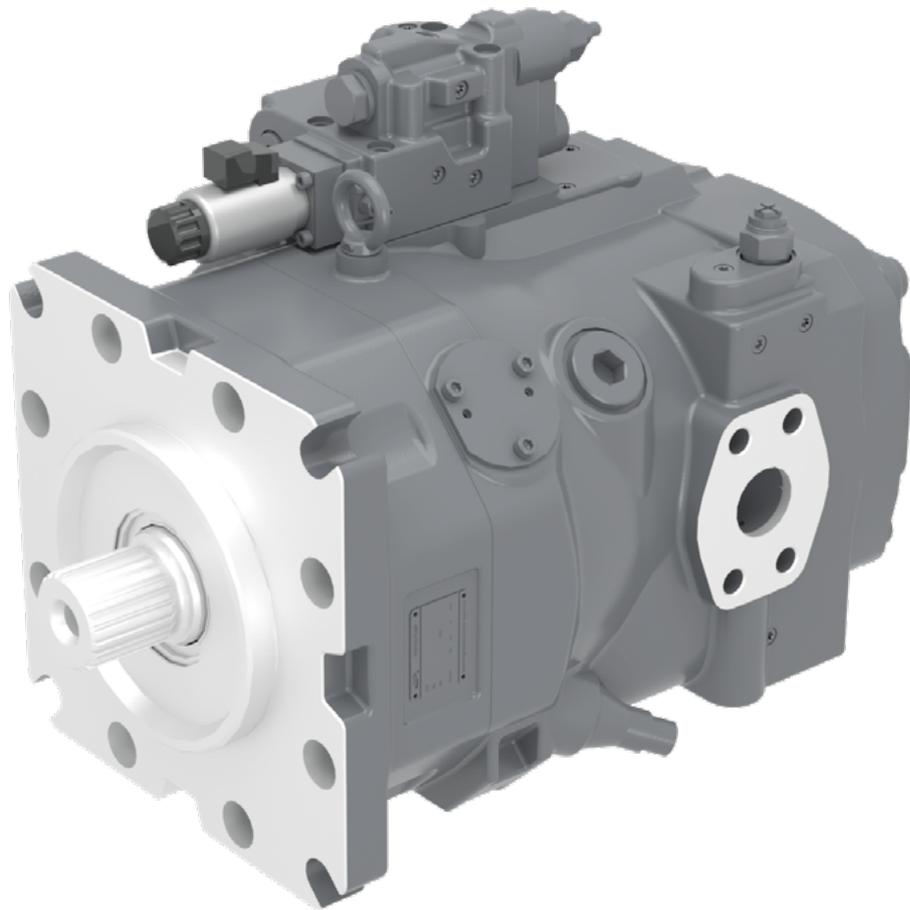
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or consult with the relevant sales engineer.

1 Functional Description

- Based on the information on the nameplate attached to the pump, the basic configuration of the pump can be determined, e.g.: V32GL200RD1FVO/LRDRE1-E2-Q015 Specific information can be found in the InLine catalogue.
- With the nameplate information, you can quickly find information such as spindle, housing, bearing and other component material numbers in this manual.



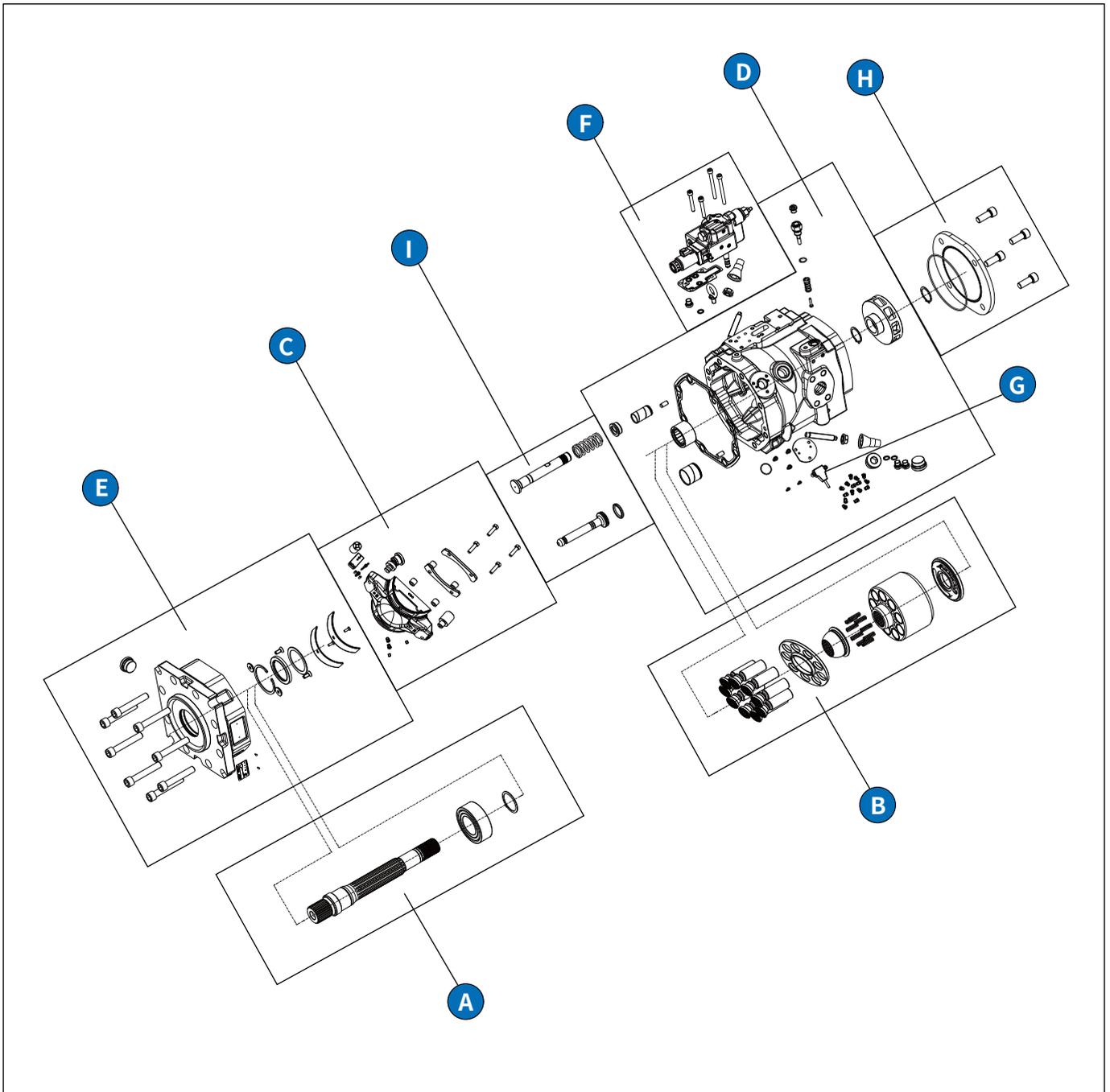
V32G-205

3 V32G Product Parts

3.5 V32G205

·Take LRDRE1 as an example

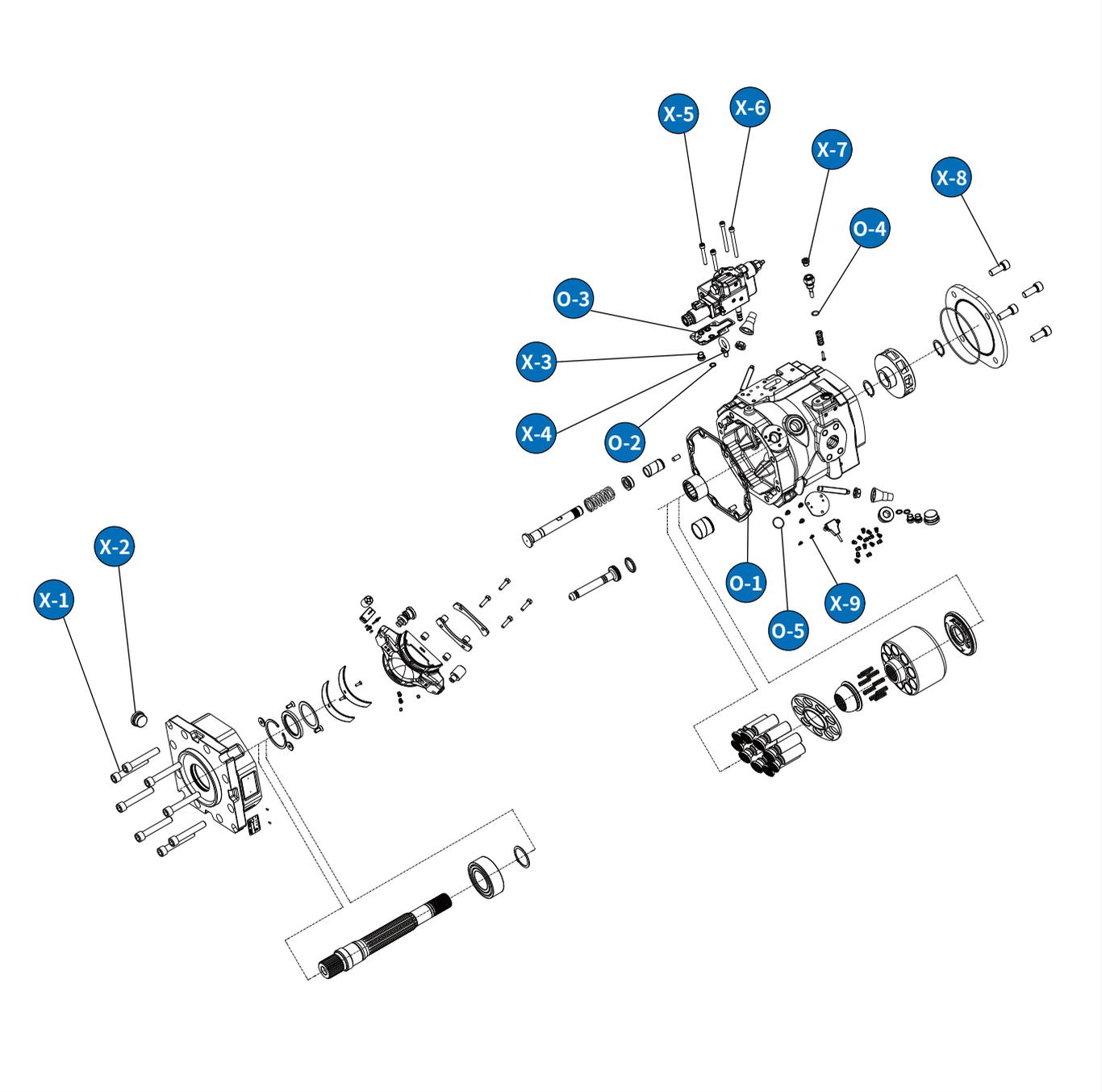
3.5.1 V32GL205 Integral Parts



3.5.1 V32GL205 Integral Parts

Integral Parts List						
Classification	Part Name	Description	Part Code		Order Code	QTY.per kit
A	Shaft	Input shaft type	D1		V32G200-0100000	1
			S6		V32G200-0100000-05	
			K3		V32G200-0100000-03	
B	Cylinder block kit	Direction of rotation	Right-handed, clockwise		V32G200-0200000	1
C	Swashplate parts	Swashplate part type	Right-handed, clockwise	Without swashplate angle indicator	V32G200-0310000-01	1
				With mechanical angle indicator	V32G200-0310000	
				With swashplate angle sensor 0.5-4.5V		
D	Housing parts	Housing part type	Right-handed, clockwise	Without swashplate angle indicator	V32G200-0400000	1
				With mechanical angle indicator	V32G200-0400000-04	
				With swashplate angle sensor 0.5-4.5V	V32G200-0400000-02	
E	Front cover parts	Front cover part type	Right-handed, clockwise		V32G200-0500000	1
F	Control parts	Control type	L1S0		V32G205-0610000-03	1
			DRS0		V32G200-06100000-05	
			LRDS		V32G205-0610000-01	
			LRDG		V32G205-0610000-02	
			LRDRE1		V32G200-0610000	
			LRDGE1		V32G205-0610000-04	
G	Swashplate angle indicator parts	Angle indicator type	None		/	/
			With mechanical angle indicator		/	/
			With swashplate angle sensor 0.5-4.5V		Vert-X32EKb202121×499	1
H	Adapter board parts	Flange construction type (follower side)	Adapter plate parts table for more details		Adapter plate parts table for more details	1
I	Other parts	Other parts	See table other parts for details		See table other parts for details	1

3.5.2 V32GL205 Assembly Parts

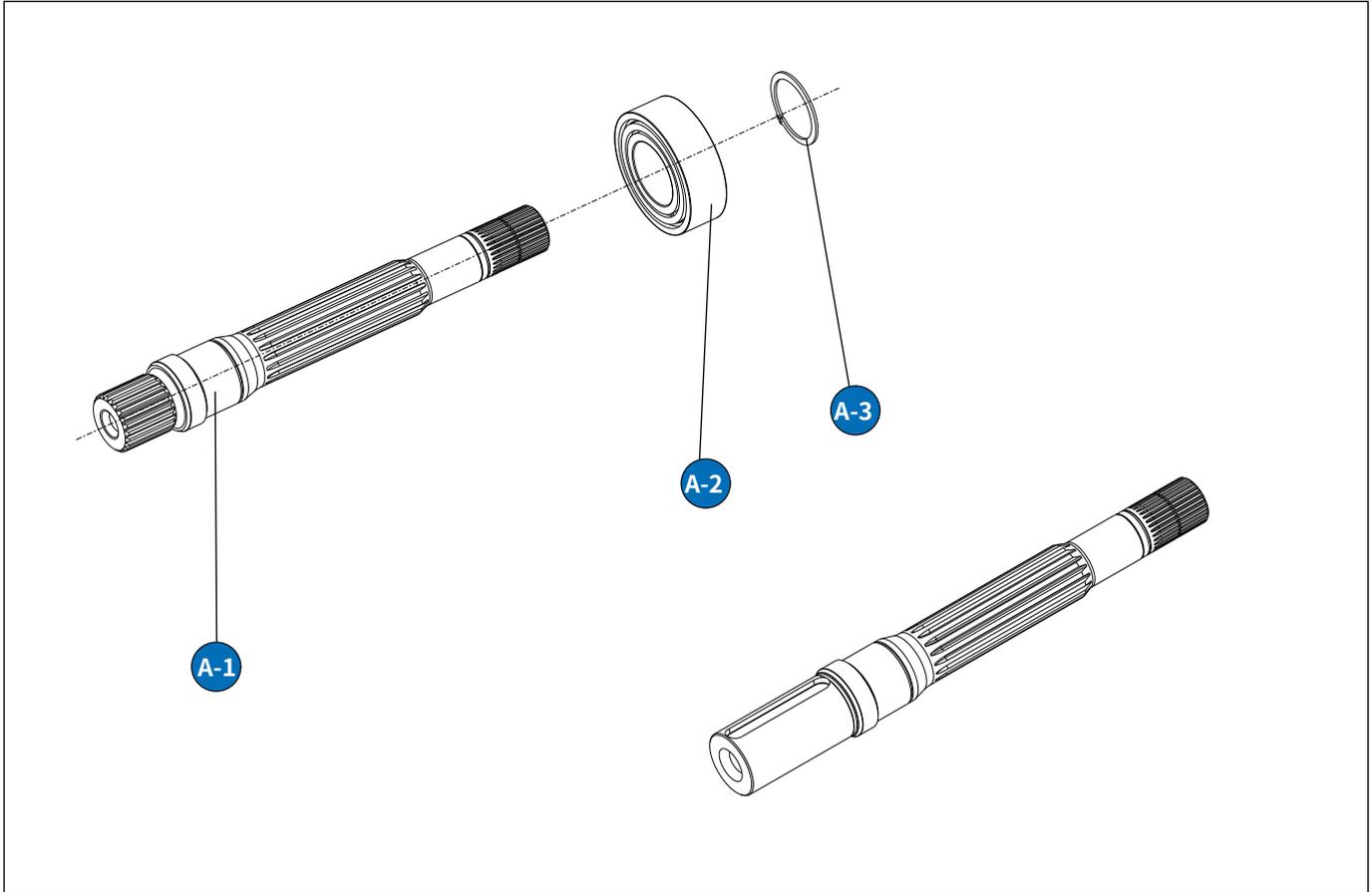


3.5.2 V32GL205 Assembly Parts

Seals List					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
O-1	Sealing gasket	V32G200-0410SHM	V32G200-0410SHM	210000779691	1
O-2	E-Shaped combination ring	G1/4A	ISO 1179-2	210000293574	3
O-3	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
O-4	O-ring	φ15.3*2.2	YY-19-05-010-016-A	110000001204	1
O-5	O-ring	φ26.7*1.78	2-023	210000531209	1

Screws List					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
X-1	Hexagon socket cheese head screws	M16*95	JIS B 1176	210000294060	8
X-2	Hexagon socket head cap screws	M33*2	ISO 9974-4	210000294486	3
X-3	Plug	M14*1.5	HLPV140I-020002	210000294369	3
X-4	Screw ring	M10	JIS B 1168	210000292414	1
X-5	Hexagon socket head screws	M8*55	JIS B 1176	210000292381	2
X-6	Hexagon socket head screws	M8*85	JIS B 1176	210000293309	2
X-7	Phillips outer plug (with gaskets)	M14*1.5	DIN 3852-1	110000047135	1
X-8	Hexagon socket head screws	M16*40	GB/T 70.1	210000205947	4
X-9	Hexagon socket head screws	M4*12	GB/T 70.1	210000206455	2

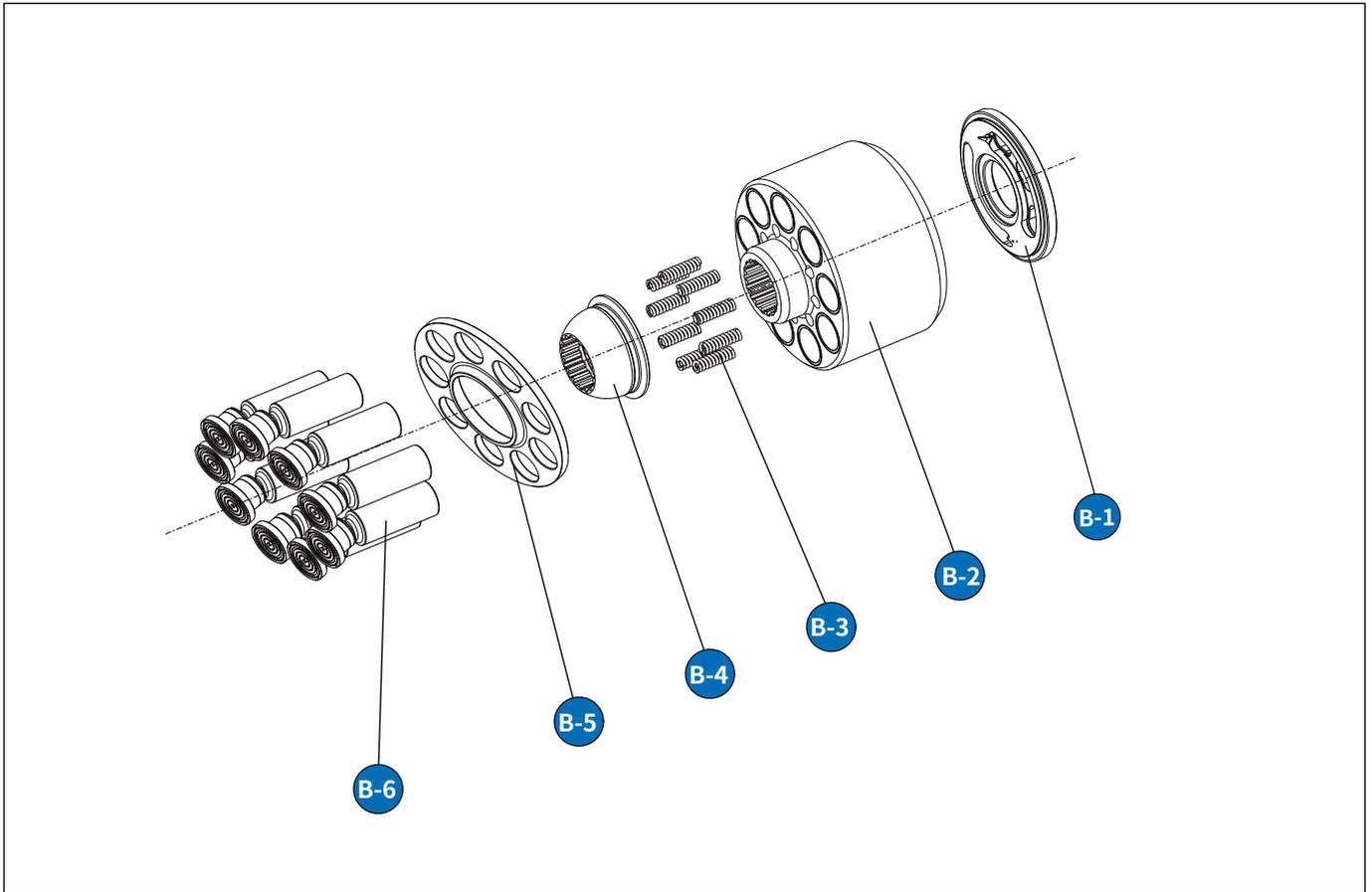
3.5.3 V32GL205 Shaft Parts (A)



Shaft Parts List

Serial No.	Part Name	Shaft Part Type	Specification	Drawing No.	Order No.	QTY.per kit
A-1	Shaft	D1	V32G200-0110DSF-D50	V32G200-0110DSF-D50	210000779700	1
		S6	V32G200-0110DSF-A13	V32G200-0110DSF-A13	210000923443	
		K3	V32G200-0110DSF-K55	V32G200-0110DSF-K55	210000884576	
A-2	Bearings	D1/S6/K3	55*106*35	CU5190	210000353217	1
A-3	Circlip for C-shaft		CE-EX 55	JIS B 2804	210000294438	1

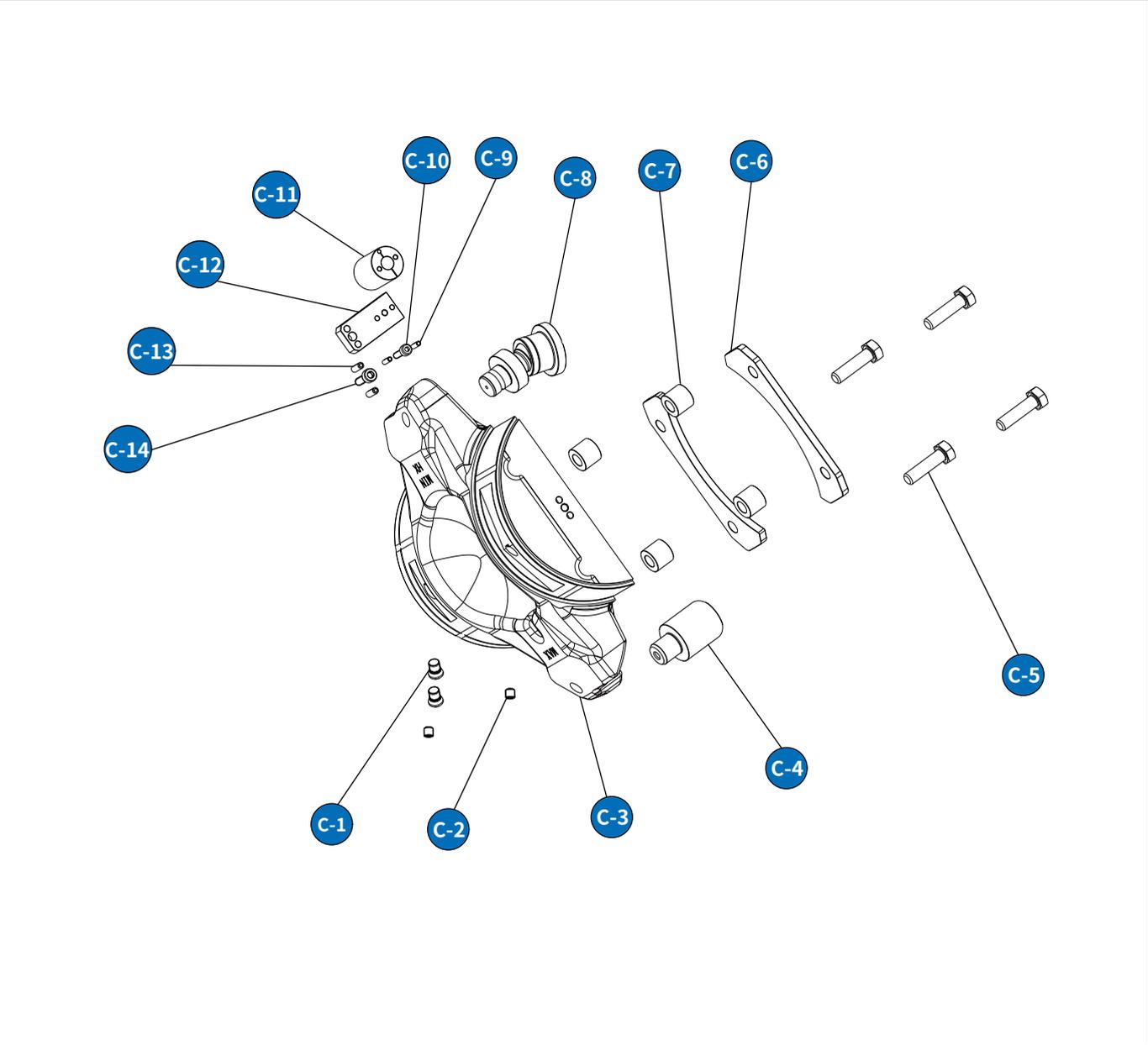
3.5.4 V32GL205 Cylinder Block Kit Parts (B)



Cylinder Block Kit Parts List

Serial No.	Part Name	Cylinder Block Kit Part Type	Specification	Drawing No.	Order No.	QTY.per kit
B-1	Valve plate	Clockwise	V32G200-0212CTP	V32G200-0212CTP	210000779663	1
B-2	Cylinder block		V32G200-0211000	V32G200-0211000	210000779468	1
B-3	Spring		7.85/2.3*40.62/11.5	HP3V212D-070001	210000292445	9
B-4	Slipper retainer guide		HP3V212D-072001	HP3V212D-072001	210000303083	1
B-5	Slipper retainer		V32G200-0230RTP	V32G200-0230RTP	210000779662	1
B-6	Piston assembly		V32G200-0220000	V32G200-0220000	210000779453	9

3.5.3 V32GL205 Swashplate Parts (C)



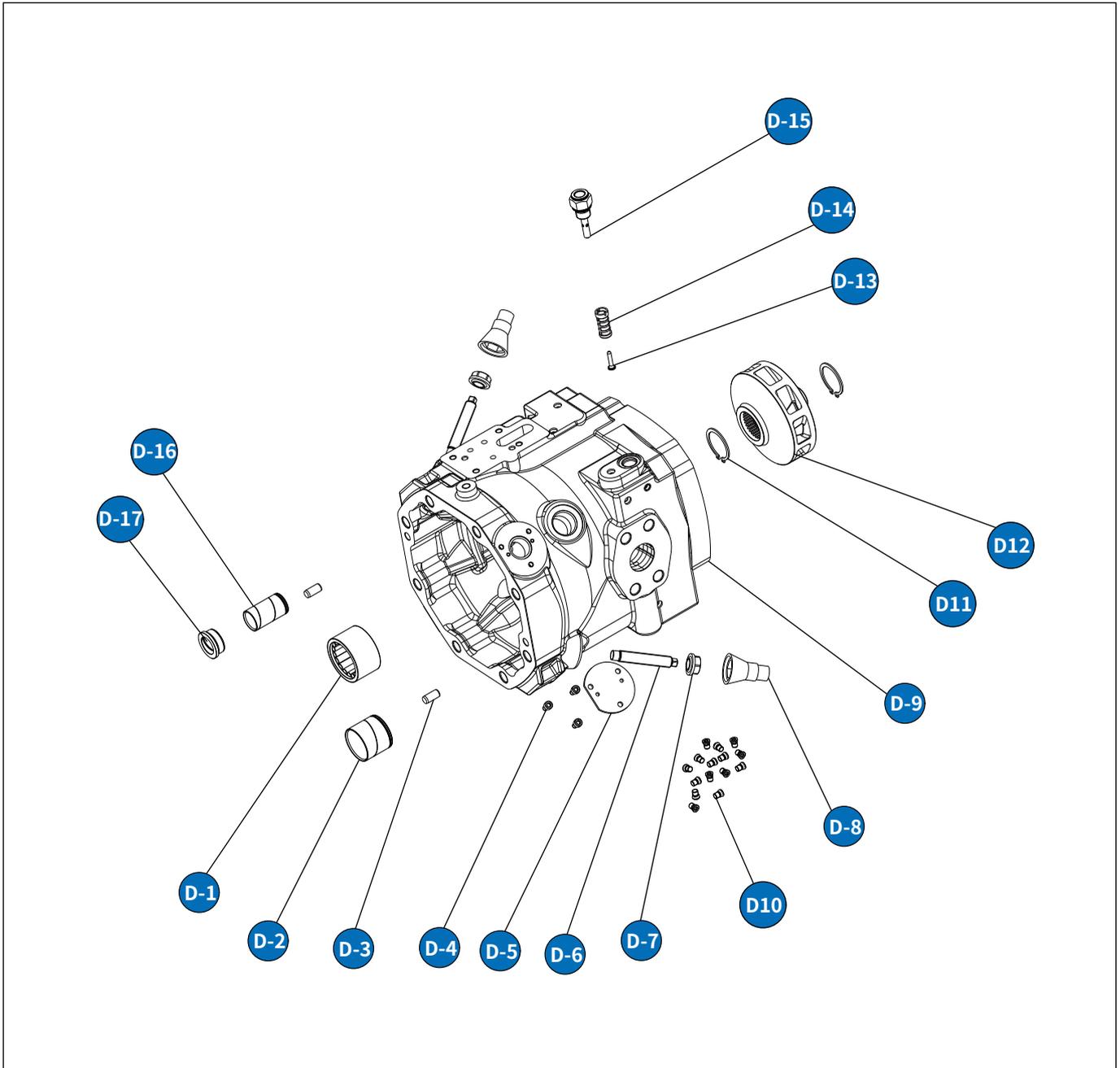
3.5.3 V32GL205 Swashplate Parts (C)

Swashplate Part List						
Serial No.	Part Name	Swashplate Part Type	Specification	Drawing No.	Order No.	QTY.per kit
C-1	Plugs		M7*0.75	V30G205-000008	210000292750	2
C-2	Throttle plug		M6*1	HLPV75-050001	210000293676	2
C-3	Swashplate	Right-handed	V32G200-0310SWP	V32G200-0310SWP	210000779666	1
C-4	Piston seat		V32G200-0310PTS	V32G200-0310PTS	210000779702	1
C-5	Hexagon head bolts		M8*30	GB/T 5783	210000352340	4
C-6	Pressure plate		V32G200-0310PSP	V32G200-0310PSP	210000779709	2
C-7	Cushion block		V32G200-0310HBK	V32G200-0310HBK	210000779711	4
C-8	Support rod parts		V32G200-0321000	V32G200-0321000	210000779661	1
C-9*	Elastic cylindrical pins	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	3*10	GB/T 879.2	210000293361	2
C-10*	Hexagon socket head screws	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	M4*15	GB/T70.1	210000312876	1
C-11*	Mounting blocks	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	V32G200-0310002	V32G200-0310002	210000779712	1
C-12*	Locator plate	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	V32G200-0310001	V32G200-0310001	210000779708	1
C-13*	Elastic cylindrical pins	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	4*12	GB/T 879.1	210000295850	2
C-14*	Hexagon socket head screws	With mechanical angle indicator / With swashplate angle sensor 0-4.5V	M5*16	GB/T 70.1	210000206155	1



“*” Indicates part type with mechanical angle indicator / with swashplate angle sensor 0-4.5V as an option.

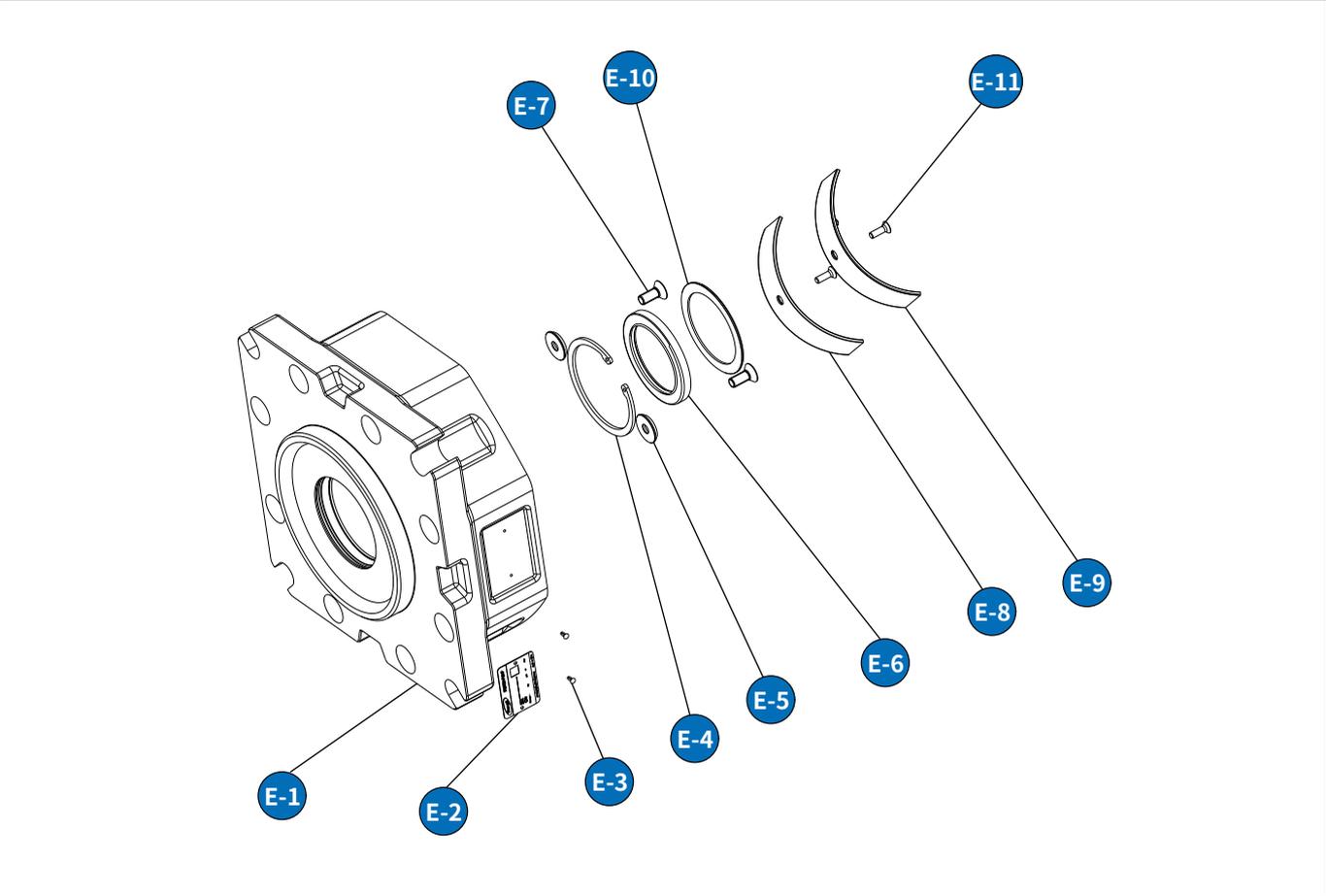
3.5.4 V32GL205 Housing Parts (D)



3.5.4 V32GL205 Housing Parts (D)

Housing Part List						
Serial No.	Part Name	Housing Part Type	Specification	Drawing No.	Order No.	QTY.per kit
D-1	Bushings		V32G200-0410BSH-02	V32G200-0410BSH-02	210000779689	1
D-2	Cylindrical roller bearings		φ40*φ61.5*36	RNU40*61.5*36V	210000780501	1
D-3	Locator pins		φ10*22	V90N130-010002	210000299778	1
D-4	Hexagon socket head screws		M6*10	GB/T 70.1	210000206172	3
D-5	Cover plate	Without swashplate angle indicator	V32G200-0400CVR	V32G200-0400CVR	210000862526	1
		With mechanical angle indicator	V32G145-0400CVR	V32G145-0400CVR	210000893998	
		With swashplate angle sensor 0-4.8V	V32G200-0400001	V32G200-0400001	210000779718	
D-6	Limit screws		V32G200-0410LTS	V32G200-0410LTS	210000779715	2
D-7	Seal lock nuts		M14*1.5	05320144230	210000292413	2
D-8	Anti-tamper cap		M14	M14	210000372359	2
D-9	Housing		V32G200-0410HSN	V32G200-0410HSN	210000779697	1
D-10	Plug		M7*0.75	V30G205-000008	210000292750	15
D-11	Circlip for C-shaft		CE-EX 40	JIS B 2804	210000294275	2
D-12	Impeller		V32G200-0800001	V32G200-0800001	210000779721	1
D-13	Unidirectional stem		V30G205-000006	V30G205-000006	210000301718	1
D-14	Strainer		V30G205-000005	V30G205-000005	210000354392	1
D-15	Check valve seats		V30G205-000007	V30G205-000007	210000297804	1
D-16	Bushing		V32G200-0410BSH-03	V32G200-0410BSH-03	210000828279	1
D-17	Spring seat		V32G200-0320SPS	V32G200-0320SPS	210000779716	1

3.5.5 V32GL205 Front Cover Parts (E)

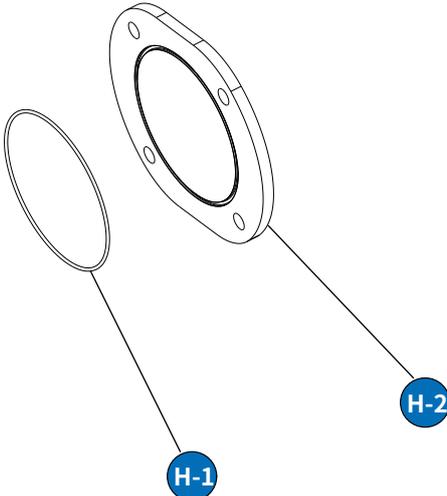


3.5.5 V32GL205 Front Cover Parts (E)

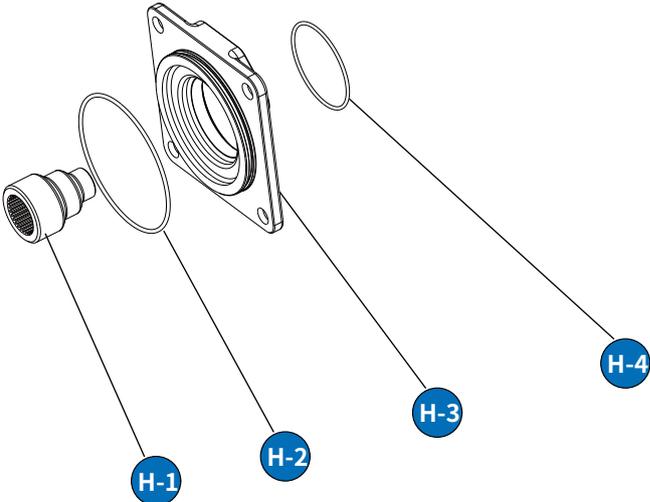
Front Cover Part List						
Serial No.	Part Name	Front Cover Part Type	Specification	Drawing No.	Order No.	QTY.per kit
E-1	Front cover	Right-handed	V32G200-0510FFG	V32G200-0510FFG	210000779699	1
E-2	Label		50*35*0.6	PUMP-BP-HL	210000532981	1
E-3	Willow nail		φ2.5*6	DIN 1476	210000842220	2
E-4	Elastic retaining ring for hole		φ80	DIN 472	210000293347	1
E-5	Bearing press		V30G280-010004	V30G280-010004	210000302102	2
E-6	Skeleton oil seal		TCVφ60*φ80*7	YY-22-11-010-042-A	110000070080	1
E-7	Hexagon socket countersunk head screws		M5*16	DIN 7991	210000864245	2
E-8	Shaft bushing		V32G200-0510CSL-01	V32G200-0510CSL-01	210000779720	1
E-9	Shaft bushing		V32G200-0510CSL-02	V32G200-0510CSL-02	210000779713	1
E-10	Hexagon socket countersunk head screws		M5*16	DIN 7991	210000864245	2
E-11	Gasket		φ80*φ63*1.5	V30G205-010004	210000301976	1

3.5.6 V32GL205 Adapter Board Parts (H)

· Without through-shaft drive



· With through-shaft drive



3.5.6 V32GL205 Adapter Board Parts (H)

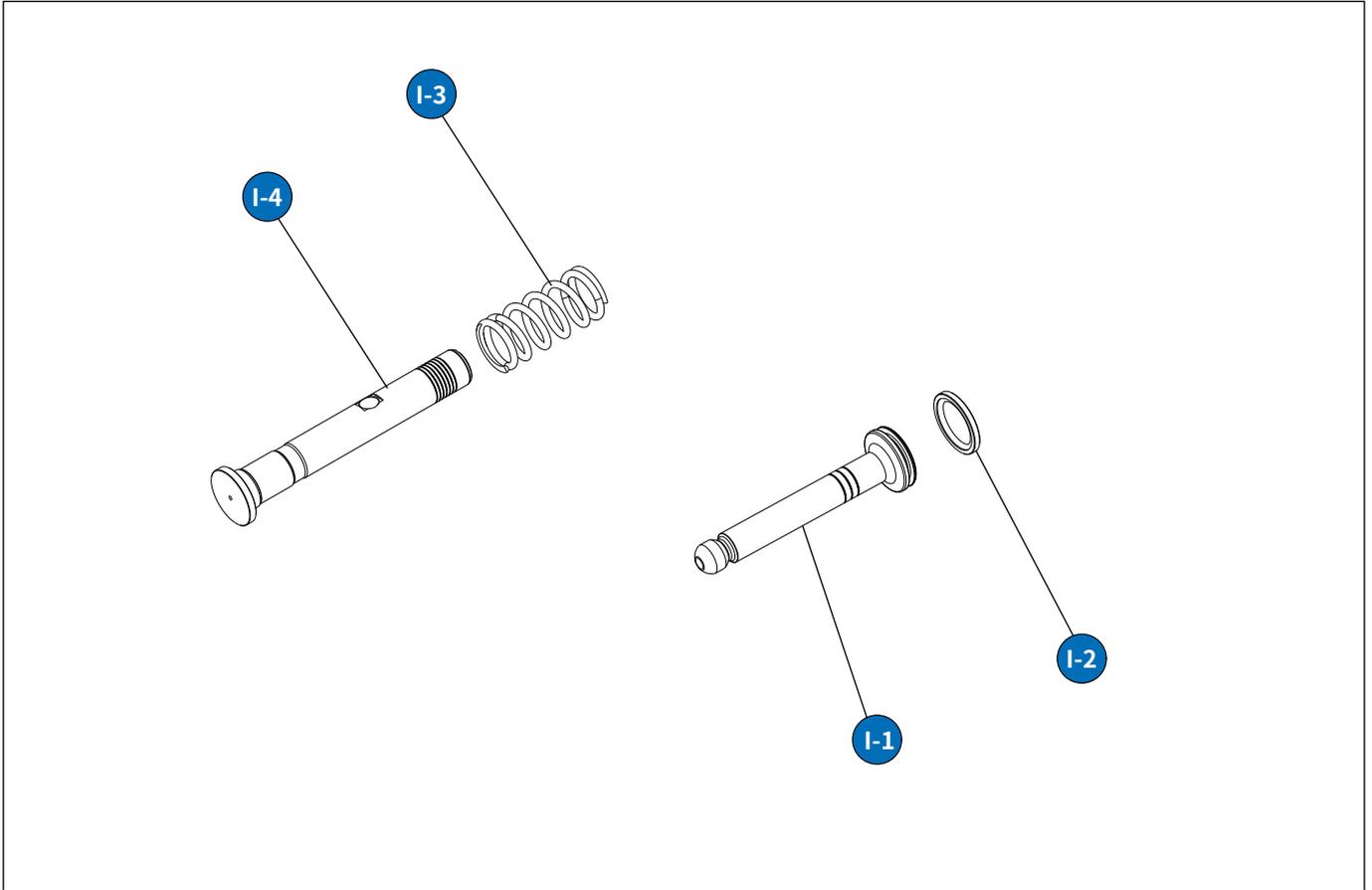
·Without through-shaft drive

Adapter Board Part List						
Serial No.	Part Name	Adapter Board Part Type	Specification	Drawing No.	Order No.	QTY.per kit
H-1	O-ring		$\phi 159.4 \times 3.1$	OR3101594-F5	110000071841	1
H-2	Cover plate		V30G205-000003	V30G205-000003	210000292718	1

·With through-shaft drive

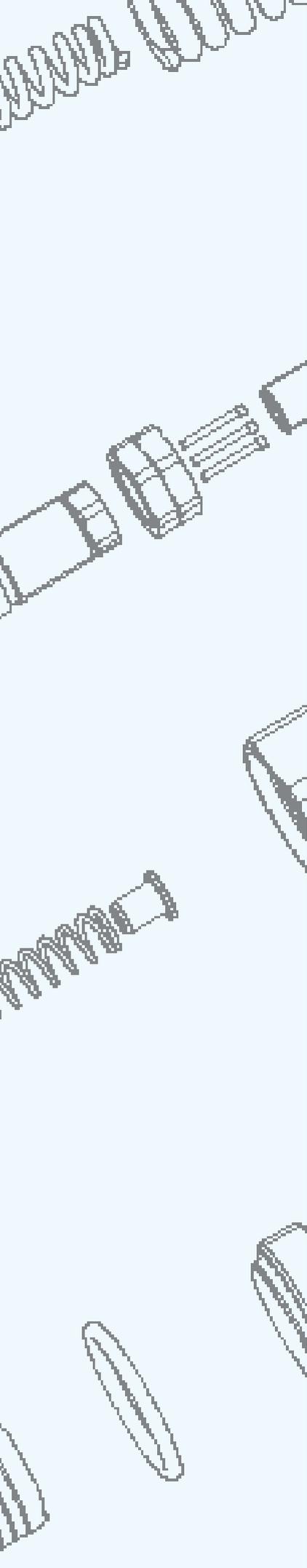
Adapter Plate Part List						
Serial No.	Part Name	Adapter Board Part Type	Specification	Drawing No.	Order No.	QTY.per kit
H-1	Coupling sleeve	A1	V30G205-00000C	V30G205-00000C	210000802193	1
		B1	V30G205-000009	V30G205-000009	210000302236	
		B2	V30G205-000010	V30G205-000010	210000398168	
		C1	V30G205-1-000010	V30G205-1-000010	210000387350	
		C2	V30G205-1-00000A	V30G205-1-00000A	210000515261	
		D1	V30G205-1-000012-13T-D1	V30G205-1-000012-13T-D1	210000611615	
		D3	V30G205-1-000008	V30G205-1-000008	210000358202	
		E2	V30G205-1-000001	V30G205-1-000001	210000301918	
H-2	O-ring	A1/B1/B2/C1/C2/D1/D3/E2	$\phi 136 \times 3.55$	C1360G	210000294246	1
H-3	Adapter board	A1	V30G205-00000B	V30G205-00000B	210000383089	1
		B1/B2	V30G205-00000A	V30G205-00000A	210000303209	
		C1	V30G205A-000004-C1	V30G205A-000004-C1	210000589561	
		C2	V30G205-1-000009	V30G205-1-000009	210000386960	
		D1/D3	V30G205-1-000002	V30G205-1-000002	210000299712	
		E2	V30G205-1-000007	V30G205-1-000007	210000354534	
H-4	O-ring	A1	$\phi 84.4 \times 3.1$	G-85	110000022868	1
		B1/B2	$\phi 104.4 \times 3.1$	ORG105-F5	110000057622	
		C1/C2/D1/D3	$\phi 129.4 \times 3.1$	ORG130-F5	110000110231	
		E2	$\phi 164.69 \times 3.53$	OR2-260-F5	110000053499	

3.5.7 V32GL205 Other Parts (I)



Other Part List

Serial No.	Part Name	Other Part List	Specification	Drawing No.	Order No.	QTY.per kit
I-1	Piston		V32G200-0320CPS	V32G200-0320CPS	210000779710	1
I-2	Bore seals		φ41.54*30.54*4.2	SPS000415-P2F1	110000112584	1
I-3	Spring		31.2/4.3*88/7.75	V32G200-0320001	210000779463	1
I-4	Piston		V32G200-0320RPS	V32G200-0320RPS	210000787315	1



Control Valve

3.8 Control Valves (F)

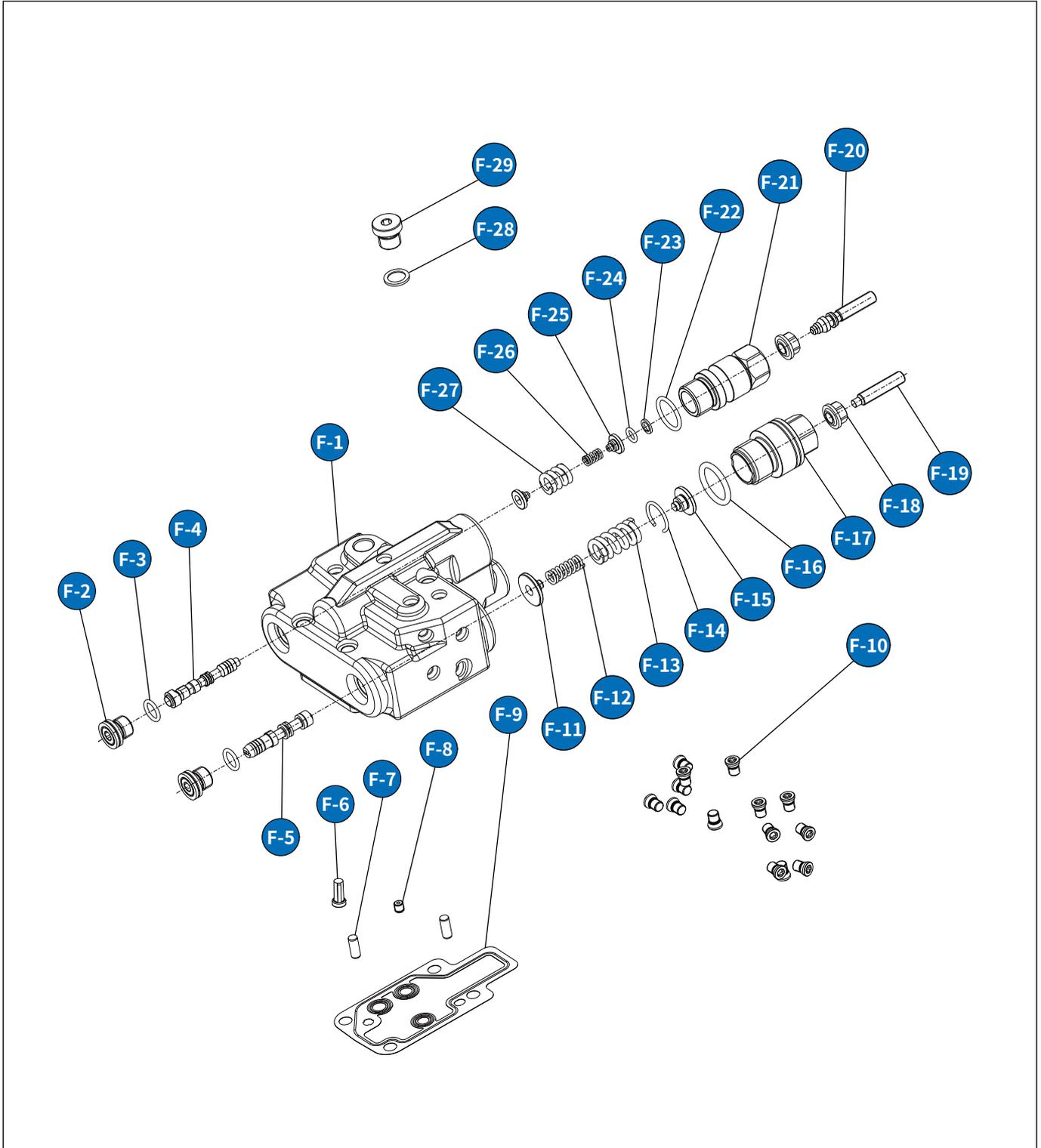
L1S0 Control (Electro-proportional Power + Load Sensitive)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G205-0611VST-02	V32G205-0611VST-02	210000826141	1
F2	Proportional solenoid	GP4045A55/114	GP4045A55/114	210000377636	1
F3	Solenoid mounting fittings	V30G205B-010003	V30G205B-010003	210000298213	1
F4	Spring seat	V30G205B-010005	V30G205B-010005	210000403437	1
F5	O-ring	φ19.8*2.4	ORP20-F5	110000065132	2
F6	Spring	10.3/1.2*36.5/8	V30G205-070023	210000293810	1
F7	Spool	V30G205B-010002	V30G205B-010002	210000411553	1
F8	Thimble	V30G205-070028	V30G205-070028	210000303452	1
F9	Hexagonal plug	M14*1.5	ISO 6149-4	210000293377	1
F10	O-ring	φ11.3*2.2	OR2201130	110000051055	1
F11	Spool	V30G205A-030002-A	V30G205A-030002-A	210000418746	1
F12	Pin	φ6*15	V90N130-0C0002	210000299784	2
F13	Strainer	V30G205A-030010	V30G205A-030010	210000418952	1
F14	Throttle plug	M6(2)	4MN-06K2.0	210000294116	1
F15	Roller assembly	V30G205B-011000	V30G205B-011000	210000444707	1
F16	Feedback lever	V30G205B-010004	V30G205B-010004	210000443208	1
F17	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F18	O-ring	φ9.8*2.4	P-10A	210000294687	1
F19	Locator pin	V30G205-070026	V30G205-070026	210000393995	1
F20	Needle roller cage assembly	φ6*φ9*10	K6*9*10TN	210000352295	1
F21	Lever	V32G300-0600002	V32G300-0600002	210000790111	1
F22	Screw plug	M7*0.75	V30G205-000008	210000292750	10
F23	Spring seat	V30G205A-030005	V30G205A-030005	210000418768	2
F24	Spring	5.8/1.1*24/10.75	V30G205A-030006	210000559361	1
F25	Spring	11.3/3*25.3/4	V30G205A-030007	210000418468	1
F26	O-ring	φ6.8*1.9	ORP7-F5	110000066873	1
F27	Open retaining ring	φ10*φ7*1.25	JIS B 2401-4-T1-P7	210000418244	1
F28	Screw bushings	V30G205A-030008	V30G205A-030008	210000418770	1
F29	Seal lock nut	M8*1	05310083230	210000295823	2

3.8 Control Valves (F)

L1S0 Control (Electro-proportional Power + Load Sensitive)					
Serial No.	Name	Specification	Drawing No.	Order No.	QTY.per kit
F30	Adjusting screw	M8*1	V30G205A-030009	210000418771	1
F31	Adjusting screw	JIS B 1176	V30G205-070016	210000299153	1
F32	Sleeve	V30G205-070017	V30G205-070017	210000301964	1
F33	O-ring	φ23.7*3.5	ORP24-F5	110000108198	1
F34	Spring seat	V30G205-070018	V30G205-070018	210000299052	1
F35	Spring	10.4/1.5*31.9/7	V30G205-070035	210000403001	1
F36	Spring	17.6/1.4*43.5/3.5	V30G205-070036	210000403000	1
F37	Spring seat	V30G205-070021	V30G205-070021	210000301793	1
F38	Locator screws	JIS B 1176	V30G205-070027	210000302245	1
F39	Phillips outer plug(with gasket)	M14*1.5	M14*1.5	110000047135	1

3.8 Control Valves (F)

·DRS0 Control (Pressure Cut-off + Load Sensitive)

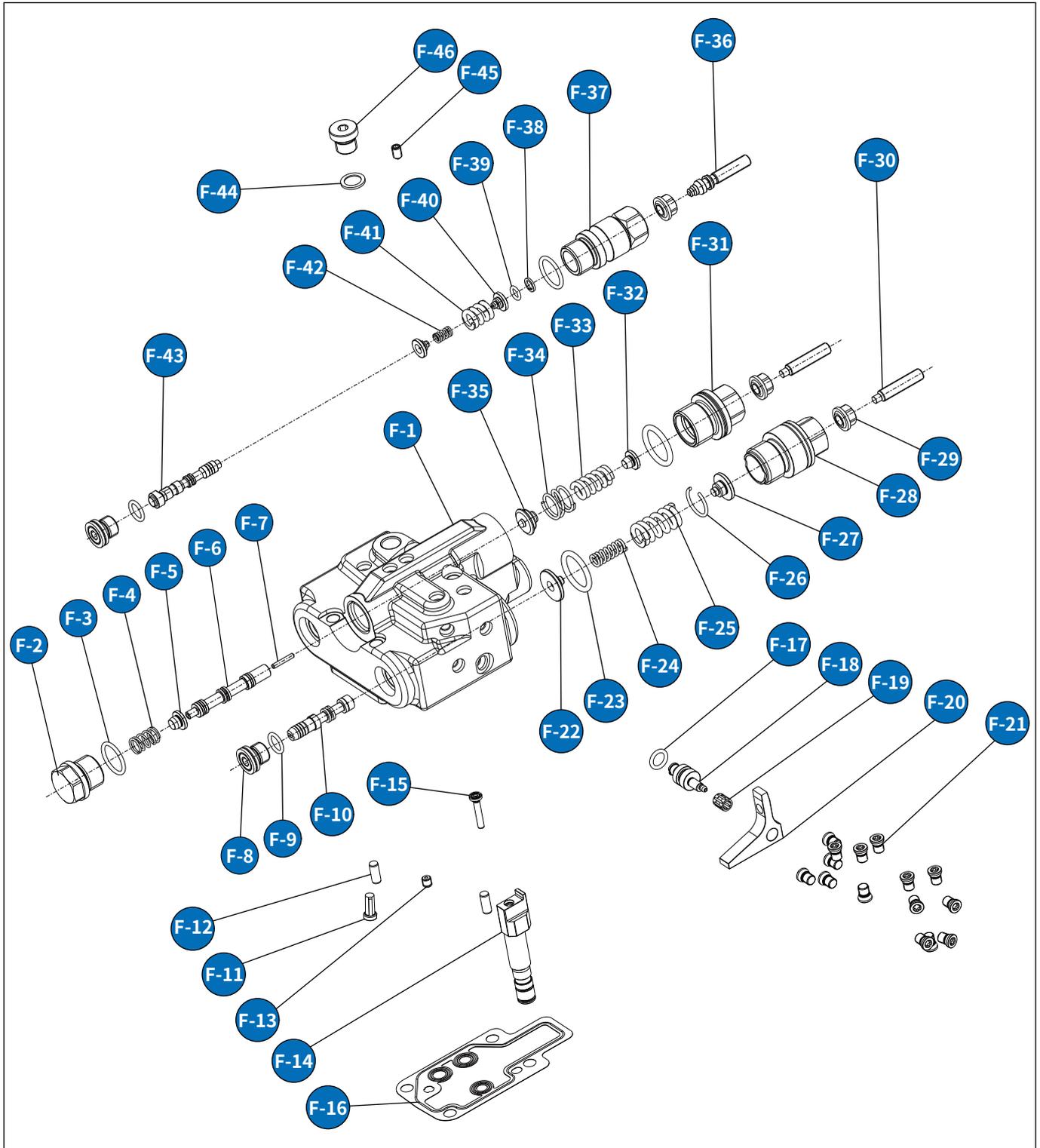


3.8 Control Valves (F)

DRS0 Control (Pressure Cut-off + Load Sensitive)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G200-0611VST-04	V32G200-0611VST-04	210000940122	1
F2	Hexagonal plug	M14*1.5	ISO 6149-4	210000293377	2
F3	O-ring	φ11.3*2.2	OR2201130	110000051055	2
F4	Spool	V30G205A-030002-A	V30G205A-030002-A	210000418746	1
F5	Spool	V30G205-070015	V30G205-070015	210000301638	1
F6	Strainer	V30G205A-030010	V30G205A-030010	210000418952	1
F7	Pin	φ6*15	V90N130-0C0002	210000299784	2
F8	Throttle plug	M6(2)	4MN-06K2.0	210000294116	1
F9	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F10	Screw plug	M7*0.75	V30G205-000008	210000292750	14
F11	Spring seat	V30G205-070014	V30G205-070014	210000299203	1
F12	Spring	7.8/1.6*35.7/10	V30G205-070013	210000295829	1
F13	Spring	13.65/3.2*41.8/6.5	V30G205-070012	210000292425	1
F14	Wire retaining ring for hole	φ20	GB 895.1	210000294066	1
F15	Spring seat	V30G205-070011	V30G205-070011	210000299612	1
F16	O-ring	φ23.7*3.5	ORP24-F5	110000108198	1
F17	Adjusting sleeve	V30G205-070010	V30G205-070010	210000302033	1
F18	Seal lock nut	M8*1	05310083230	210000295823	2
F19	Adjusting screw	JIS B 1176	V30G205-070016	210000299153	1
F20	Adjusting screw	M8*1	V30G205A-030009	210000418771	1
F21	Sleeve	V30G205A-030008	V30G205A-030008	210000418770	1
F22	O-ring	φ19.8*2.4	ORP20-F5	110000065132	1
F23	Open retaining ring	φ10*φ7*1.25	JIS B 2401-4-T1-P7	210000418244	1
F24	O-ring	φ6.8*1.9	ORP7-F5	110000066873	1
F25	Spring seat	V30G205A-030005	V30G205A-030005	210000418768	2
F26	Spring	5.8/1.1*24/10.75	V30G205A-030006	210000559361	1
F27	Spring	11.3/3*25.3/4	V30G205A-030007	210000418468	1
F28	E-shaped combining ring	G1/4A	ISO 1179-2	210000293574	1
F29	Plug	M14*1.5	HLPV140I-020002	210000294369	1

3.8 Control Valves (F)

·LRDS Control (Mechanical Power + Pressure Cut-off + Load Sensitive)



3.8 Control Valves (F)

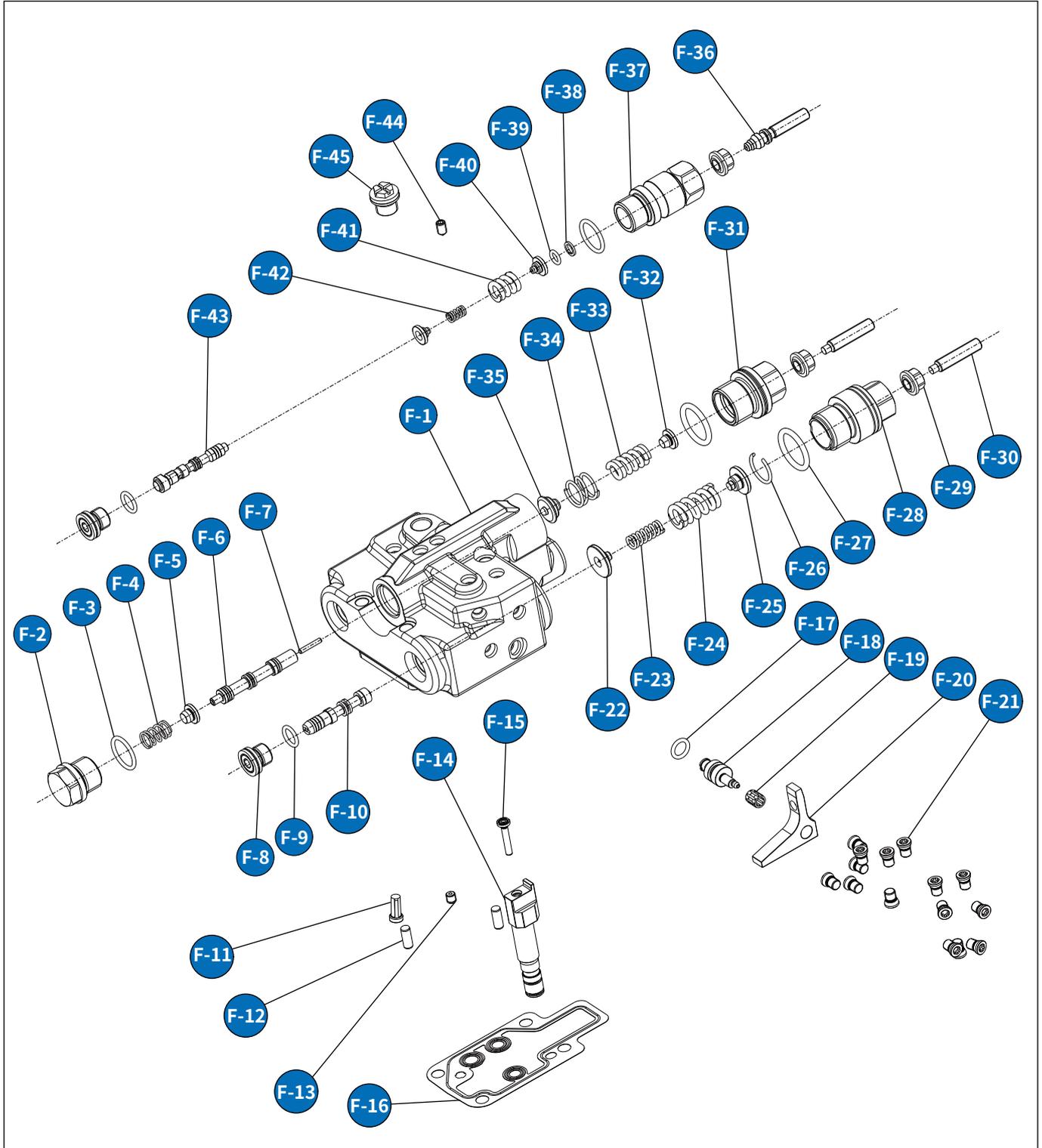
LRDS Control (Mechanical Power + Pressure Cut-off + Load Sensitive)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G205-0611VST-01	V32G205-0611VST-01	210000826140	1
F2	Plug	M22*1.5	V30G205-070029	210000293863	1
F3	O-ring	φ19.8*2.4	ORP20-F5	110000065132	2
F4	Spring	10.3/1.2*36.5/8	V30G205-070023	210000293810	1
F5	Spring seat	V30G205-070033	V30G205-070033	210000301799	1
F6	Spool	V30G205-070022	V30G205-070022	210000382548	1
F7	Thimble	V30G205-070028	V30G205-070028	210000303452	1
F8	Hexagonal plug	M14*1.5	ISO 6149-4	210000293377	2
F9	O-ring	φ11.3*2.2	OR2201130	110000051055	2
F10	Spool	V30G205-070015	V30G205-070015	210000301638	1
F11	Strainer	V30G205A-030010	V30G205A-030010	210000418952	1
F12	Pin	φ6*15	V90N130-0C0002	210000299784	1
F13	Throttle plug	M6(2)	4MN-06K2.0	210000294116	1
F14	Feedback lever	V30G205A-030004	V30G205A-030004	210000535457	1
F15	Piston assembly	V30G205-071000	V30G205-071000	210000300307	1
F16	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F17	O-ring	φ9.8*2.4	P-10A	210000294687	1
F18	Locator pin	V30G205-070026	V30G205-070026	210000393995	1
F19	Needle roller cage parts	φ6*φ9*10	K6*9*10TN	210000352295	1
F20	Lever	V32G300-0600002	V32G300-0600002	210000790111	1
F21	Plug	M7*0.75	V30G205-000008	210000292750	15
F22	Spring seat	V30G205-070014	V30G205-070014	210000299203	1
F23	O-ring	φ23.7*3.5	ORP24-F5	110000108198	2
F24	Spring	7.8/1.6*35.7/10	V30G205-070013	210000295829	1
F25	Spring	13.65/3.2*41.8/6.5	V30G205-070012	210000292425	1
F26	Wire retaining ring for hole	φ20	GB 895.1	210000294066	1
F27	Spring seat	V30G205-070011	V30G205-070011	210000299612	1
F28	Adjusting sleeve	V30G205-070010	V30G205-070010	210000302033	1
F29	Seal lock nut	M8*1	05310083230	210000295823	3
F30	Adjusting screw	JIS B 1176	V30G205-070016	210000299153	2

3.8 Control Valves (F)

LRDSCControl (Mechanical Power + Pressure Cut-off + Load Sensitive)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F31	Sleeve	V30G205-070017	V30G205-070017	210000301964	1
F32	Spring seat	V30G205-070018	V30G205-070018	210000299052	1
F33	Spring	11.2/2.8*33.5/6	V30G205-070019	210000294225	1
F34	Spring	17.2/1.8*28.5/3	V30G205-070020	210000293656	1
F35	Spring seat	V30G205-070021	V30G205-070021	210000301793	1
F36	Adjusting screw	M8*1	V30G205A-030009	210000418771	1
F37	Sleeve	V30G205A-030008	V30G205A-030008	210000418770	1
F38	Open retaining ring	$\phi 10 * \phi 7 * 1.25$	JIS B 2401-4-T1-P7	210000418244	1
F39	O-ring	$\phi 6.8 * 1.9$	ORP7-F5	110000066873	1
F40	Spring seat	V30G205A-030005	V30G205A-030005	210000418768	2
F41	Spring	11.3/3*25.3/4	V30G205A-030007	210000418468	1
F42	Spring	5.8/1.1*24/10.75	V30G205A-030006	210000559361	1
F43	Spool	V30G205A-030002-A	V30G205A-030002-A	210000418746	1
F44	E-shaped combinating ring	G1/4A	ISO 1179-2	210000293574	1
F45	Locator screws	JIS B 1176	V30G205-070027	210000302245	1
F46	Plug	M14*1.5	HLPV140I-020002	210000294369	1

3.8 Control Valves (F)

·LRDG Control (Mechanical Power + Pressure Cut-off + Remote Pressure Cut-off)



3.8 Control Valves (F)

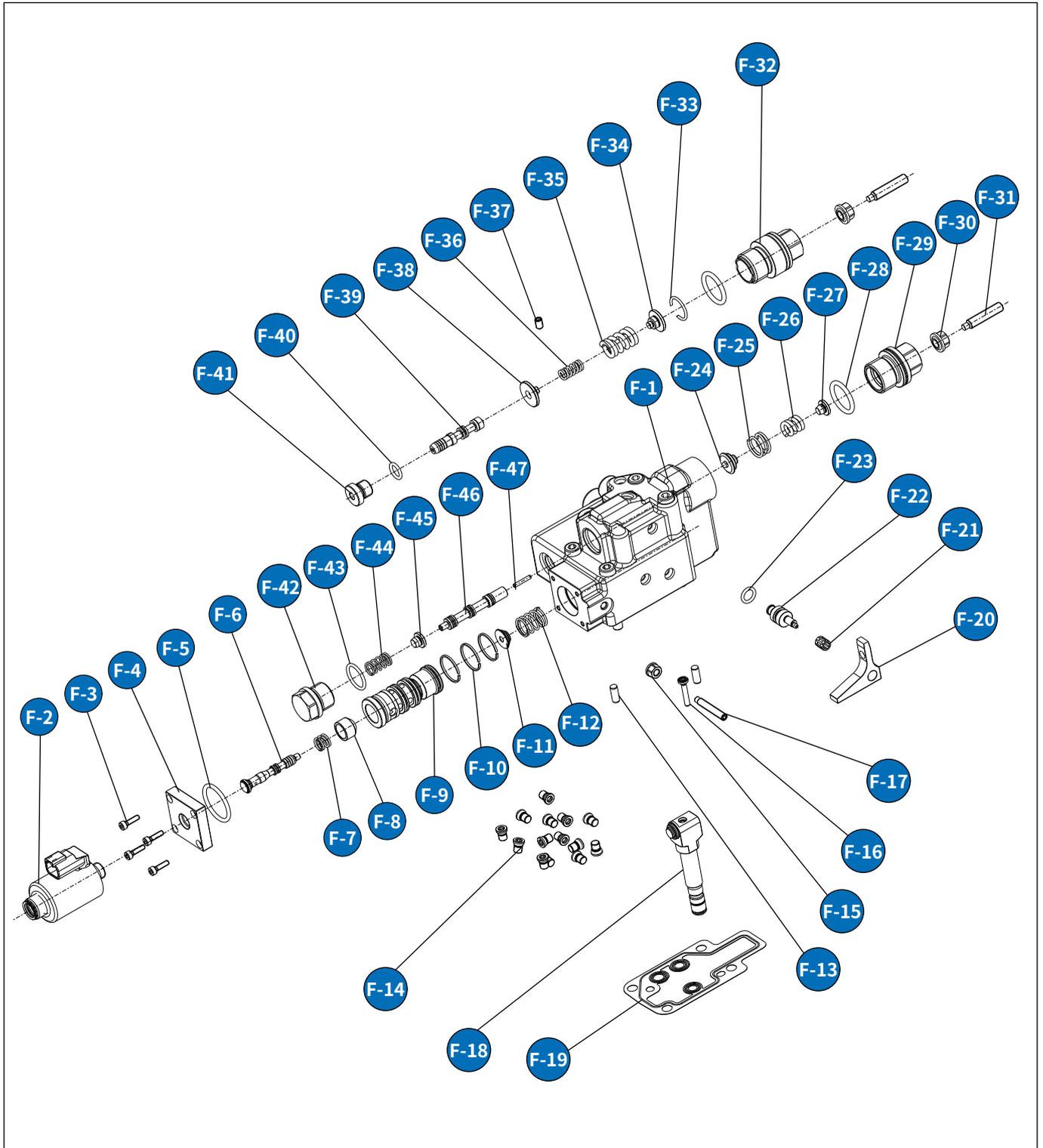
LRDG Control (Mechanical Power + Pressure Cut-off + Remote Pressure Cut-off)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G205-0611VST-01	V32G205-0611VST-01	210000826140	1
F2	Plug	M22*1.5	V30G205-070029	210000293863	1
F3	O-ring	φ19.8*2.4	ORP20-F5	110000065132	2
F4	Spring	10.3/1.2*36.5/8	V30G205-070023	210000293810	1
F5	Spring seat	V30G205-070033	V30G205-070033	210000301799	1
F6	Spool	V30G205-070022	V30G205-070022	210000382548	1
F7	Thimble	V30G205-070028	V30G205-070028	210000303452	1
F8	Hexagonal plug	M14*1.5	ISO 6149-4	210000293377	2
F9	O-ring	φ11.3*2.2	OR2201130	110000051055	2
F10	Spool	V30G205-070015	V30G205-070015	210000301638	1
F11	Strainer	V30G205A-030010	V30G205A-030010	210000418952	1
F12	Pin	φ6*15	V90N130-0C0002	210000299784	1
F13	Throttle plug	M6(2)	4MN-06K2.0	210000294116	1
F14	Feedback lever	V30G205A-030004	V30G205A-030004	210000535457	1
F15	Piston assembly	V30G205-071000	V30G205-071000	210000300307	1
F16	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F17	O-ring	φ9.8*2.4	P-10A	210000294687	1
F18	Locator pin	V30G205-070026	V30G205-070026	210000393995	1
F19	Needle roller cage parts	φ6*φ9*10	K6*9*10TN	210000352295	1
F20	Lever	V32G300-0600002	V32G300-0600002	210000790111	1
F21	Plug	M7*0.75	V30G205-000008	210000292750	15
F22	Spring seat	V30G205-070014	V30G205-070014	210000299203	1
F23	O-ring	φ23.7*3.5	ORP24-F5	110000108198	2
F24	Spring	7.8/1.6*35.7/10	V30G205-070013	210000295829	1
F25	Spring	13.65/3.2*41.8/6.5	V30G205-070012	210000292425	1
F26	Wire retaining ring for hole	φ20	GB 895.1	210000294066	1
F27	Spring seat	V30G205-070011	V30G205-070011	210000299612	1
F28	Adjusting sleeve	V30G205-070010	V30G205-070010	210000302033	1
F29	Seal lock nut	M8*1	05310083230	210000295823	3
F30	Adjusting screws	JIS B 1176	V30G205-070016	210000299153	2

3.8 Control Valves (F)

LRDG Control (Mechanical Power + Pressure Cut-off + Remote Pressure)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F31	Sleeve	V30G205-070017	V30G205-070017	210000301964	1
F32	Spring seat	V30G205-070018	V30G205-070018	210000299052	1
F33	Spring	11.2/2.8*33.5/6	V30G205-070019	210000294225	1
F34	Spring	17.2/1.8*28.5/3	V30G205-070020	210000293656	1
F35	Spring seat	V30G205-070021	V30G205-070021	210000301793	1
F36	Adjusting screw	M8*1	V30G205A-030009	210000418771	1
F37	Sleeve	V30G205A-030008	V30G205A-030008	210000418770	1
F38	Open retaining ring	φ10*φ7*1.25	JIS B 2401-4-T1-P7	210000418244	1
F39	O-ring	φ6.8*1.9	ORP7-F5	110000066873	1
F40	Spring seat	V30G205A-030005	V30G205A-030005	210000418768	2
F41	Spring	11.3/3*25.3/4	V30G205A-030007	210000418468	1
F42	Spring	5.8/1.1*24/10.75	V30G205A-030006	210000559361	1
F43	Spool	V30G205D-030002-A	V30G205D-030002-A	210000442057	1
F44	Locator screws	JIS B 1176	V30G205-070027	210000302245	1
F45	Phillips outer plug (with gasket)	M14*1.5	M14*1.5	110000047135	1

3.8 Control Valves (F)

·LRDRE1 Control (Mechanical Power + Electric Proportional Displacement + Pressure Cut-off)



3.8 Control Valves (F)

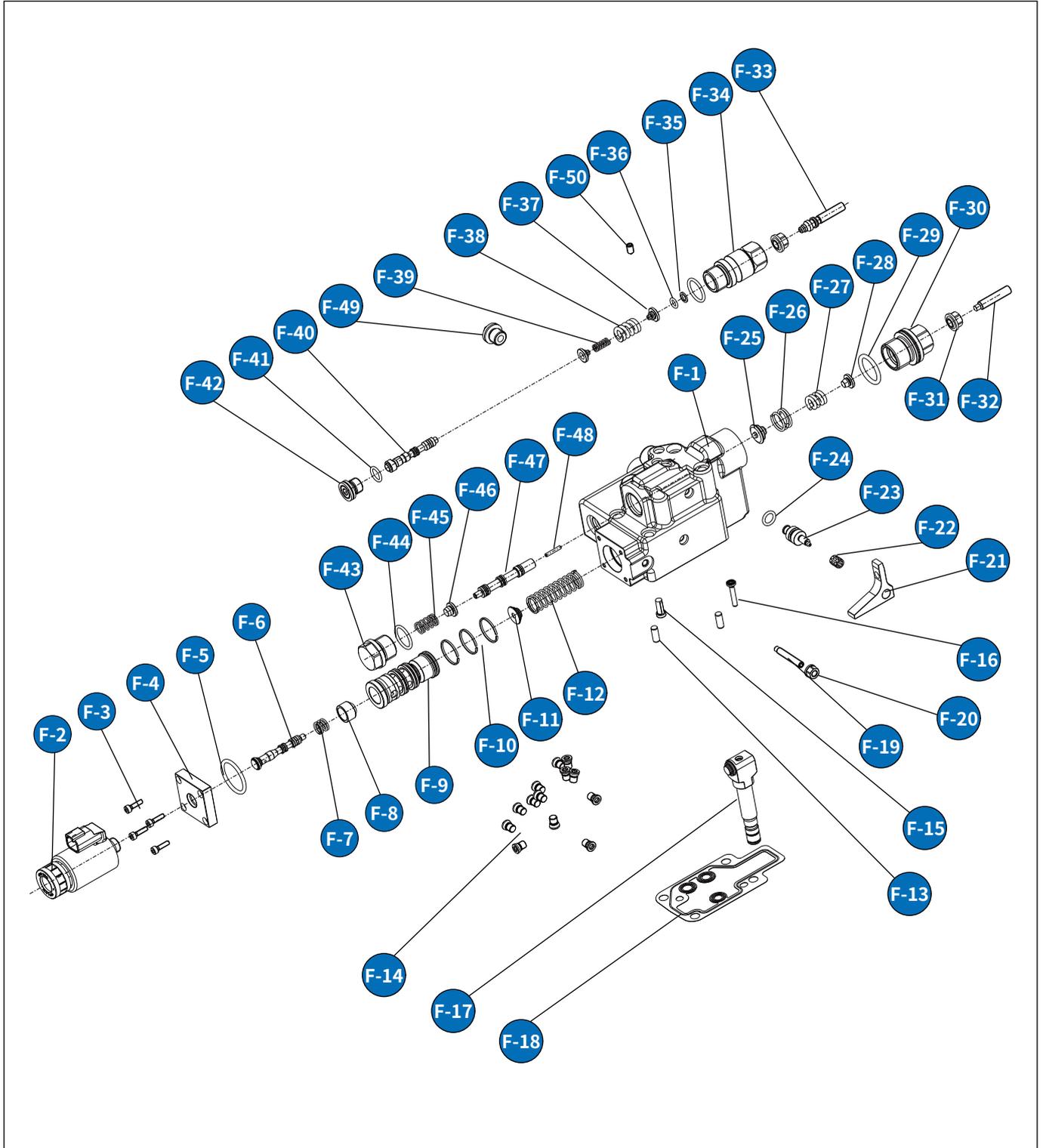
LRDRE1 Control (Mechanical Power + Electric Proportional Displacement + Pressure Cut-off)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G300-0611VST	V32G300-0611VST	210000782319	1
F2	Proportional solenoid	GP4045A55/114	GP4045A55/114	210000377636	1
F3	Hexagon socket cheese head screws	M4*14	GB/T 70.1	210000206454	4
F4	Solenoid mounting block	V30G065-070007	V30G065-070007	210000533949	1
F5	O-ring	φ29.4*3.1	G-30	110000022871	1
F6	Spool	V30G065-070003	V30G065-070003	210000533504	1
F7	Spring	10.6/1.4*9.3/2	V30G205-070004	210000293583	1
F8	Adjusting sleeve	V30G205-070005	V30G205-070005	210000303676	1
F9	Valve sleeve	V30G065-070002	V30G065-070002	210000533505	1
F10	Metal sealing ring	HLPV75-040007	HLPV75-040007	210000921081	3
F11	Spring seat	V30G205-070008	V30G205-070008	210000301990	1
F12	Spring	15.38/1.47*56.5/10	V32G200-0600001	210000782445	1
F13	Pin	φ6*15	V90N130-0C0002	210000299784	2
F14	Screw plug	M7*0.75	V30G205-000008	210000292750	14
F15	Seal lock nut	M6*1	05310060230	210000292411	1
F16	Piston assembly	V30G205-071000	V30G205-071000	210000300307	1
F17	Adjusting screw	JIS B 1176	V30G205-070009	210000299109	1
F18	Feedback lever	V30G205-070025	V30G205-070025	210000535459	1
F19	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F20	Lever	V32G300-0600002	V32G300-0600002	210000790111	1
F21	Needle roller cage assembly	φ6*φ9*10	K6*9*10TN	210000352295	1
F22	Locator pin	V30G205-070026	V30G205-070026	210000393995	1
F23	O-ring	φ9.8*2.4	P-10A	210000294687	1
F24	Spring seat	V30G205-070021	V30G205-070021	210000301793	1
F25	Spring	17.2/1.8*28.5/3	V30G205-070020	210000293656	1
F26	Spring	11.2/2.8*33.5/6	V30G205-070019	210000294225	1
F27	Spring seat	V30G205-070018	V30G205-070018	210000299052	1
F28	O-ring	φ23.7*3.5	ORP24-F5	110000108198	2
F29	Sleeve	V30G205-070017	V30G205-070017	210000301964	1
F30	Seal lock nut	M8*1	05310083230	210000295823	2

3.8 Control Valves (F)

LRDRE1 Control (Mechanical Power + Electric Proportional Displacement + Pressure Cut-off)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F31	Adjusting screw	JIS B 1176	V30G205-070016	210000299153	2
F32	Adjusting sleeve	V30G205-070010	V30G205-070010	210000302033	1
F33	Wire retaining ring for hole	φ20	GB 895.1	210000294066	1
F34	Spring seat	V30G205-070011	V30G205-070011	210000299612	1
F35	Spring	13.65/3.2*41.8/6.5	V30G205-070012	210000292425	1
F36	Spring	7.8/1.6*35.7/10	V30G205-070013	210000295829	1
F37	Locator screws	JIS B 1176	V30G205-070027	210000302245	1
F38	Spring seat	V30G205-070014	V30G205-070014	210000299203	1
F39	Spool	V30G205-070015	V30G205-070015	210000301638	1
F40	O-ring	φ10.8*2.4	P-11	110000051054	1
F41	Hexagonal plug	G1/4	JIS B2351	210000293555	1
F42	Plug	M22*1.5	V30G205-070029	210000293863	1
F43	O-ring	φ19.8*2.4	ORP20-F5	110000065132	1
F44	Spring	10.3/1.2*36.5/8	V30G205-070023	210000293810	1
F45	Spring seat	V30G205-070033	V30G205-070033	210000301799	1
F46	Spool	V30G205-070022	V30G205-070022	210000382548	1
F47	Thimble	V30G205-070028	V30G205-070028	210000303452	1

3.8 Control Valves (F)

·LRDGE1 Control (Mechanical Power + Electric Proportional Displacement + Remote Pressure)



3.8 Control Valves (F)

LRDGE1 Control (Mechanical + Electric Proportional Displacement + Remote Pressure)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F1	Valve body	V32G205-0611VST-03	V32G205-0611VST-03	210000838912	1
F2	Proportional solenoid	GP4045A55/114	GP4045A55/114	210000377636	1
F3	Hexagon socket head screws	M4*14	GB/T 70.1	210000206454	4
F4	Solenoid mounting block	V30G065-070007	V30G065-070007	210000533949	1
F5	O-ring	φ29.4*3.1	G-30	110000022871	1
F6	Spool	V30G065-070003	V30G065-070003	210000533504	1
F7	Spring	10.6/1.4*9.3/2	V30G205-070004	210000293583	1
F8	Adjusting sleeve	V30G205-070005	V30G205-070005	210000303676	1
F9	Valve sleeve	V30G065-070002	V30G065-070002	210000533505	1
F10	Metal sealing ring	HLPV75-040007	HLPV75-040007	210000921081	3
F11	Spring seat	V30G205-070008	V30G205-070008	210000301990	1
F12	Spring	15.38/1.47*56.5/10	V32G200-0600001	210000782445	1
F13	Pin	φ6*15	V90N130-0C0002	210000299784	2
F14	Plug	M7*0.75	V30G205-000008	210000292750	14
F15	Strainer	V30G205A-030010	V30G205A-030010	210000418952	1
F16	Piston assembly	V30G205-071000	V30G205-071000	210000300307	1
F17	Feedback lever	V30G205-070025	V30G205-070025	210000535459	1
F18	Sealing gasket	V30G205-070032	V30G205-070032	210000464529	1
F19	Adjusting screw	JIS B 1176	V30G205-070009	210000299109	1
F20	Seal lock nut	M6*1	05310060230	210000292411	1
F21	Lever	V32G300-0600002	V32G300-0600002	210000790111	1
F22	Needle roller cage assembly	φ6*φ9*10	K6*9*10TN	210000352295	1
F23	Locator pin	V30G205-070026	V30G205-070026	210000393995	1
F24	O-ring	φ9.8*2.4	P-10A	210000294687	1
F25	Spring seat	V30G205-070021	V30G205-070021	210000301793	1
F26	Spring	17.2/1.8*28.5/3	V30G205-070020	210000293656	1
F27	Spring	11.2/2.8*33.5/6	V30G205-070019	210000294225	1
F28	Spring seat	V30G205-070018	V30G205-070018	210000299052	1
F29	O-ring	φ23.7*3.5	ORP24-F5	110000108198	1
F30	Sleeve	V30G205-070017	V30G205-070017	210000301964	1

3.8 Control Valves (F)

LRDGE1 Control (Mechanical Power + Electric Proportional Displacement + Remote Pressure)					
Serial No.	Part Name	Specification	Drawing No.	Order No.	QTY.per kit
F31	Seal lock nut	M8*1	05310083230	210000295823	2
F32	Adjusting screw	JIS B 1176	V30G205-070016	210000299153	1
F33	Adjusting screw	M8*1	V30G205A-030009	210000418771	1
F34	Sleeve	V30G205A-030008	V30G205A-030008	210000418770	1
F35	Open retaining ring	φ10*φ7*1.25	JIS B 2401-4-T1-P7	210000418244	1
F36	O-ring	φ6.8*1.9	ORP7-F5	110000066873	1
F37	Spring seat	V30G205A-030005	V30G205A-030005	210000418768	2
F38	Spring	11.3/3*25.3/4	V30G205A-030007	210000418468	1
F39	Spring	5.8/1.1*24/10.75	V30G205A-030006	210000559361	1
F40	Spool	V30G205D-030002-A	V30G205D-030002-A	210000442057	1
F41	O-ring	φ11.3*2.2	OR2201130	110000051055	1
F42	Hexagonal plug	M14*1.5	ISO 6149-4	210000293377	1
F43	Screw plug	M22*1.5	V30G205-070029	210000293863	1
F44	O-ring	φ19.8*2.4	ORP20-F5	110000065132	1
F45	Spring	10.3/1.2*36.5/8	V30G205-070023	210000293810	1
F46	Spring seat	V30G205-070033	V30G205-070033	210000301799	1
F47	Spool	V30G205-070022	V30G205-070022	210000382548	1
F48	Thimble	V30G205-070028	V30G205-070028	210000303452	1
F49	Phillips outer plug(with gasket)	M14*1.5	M14*1.5	110000047135	1
F50	Locator screws	JIS B 1176	V30G205-070027	210000302245	1

InLine Hydraulik GmbH is a subsidiary of HengLi Hydraulics, which has nearly 70 years of experience in designing and manufacturing axial piston pumps, and its products are renowned for their rugged construction, heavy duty, high reliability, and many control options.

Hengli Hydraulics is the world's leading R&D and manufacturing enterprise of hydraulic components, founded in 1990, headquartered in Changzhou, China, with manufacturing bases and R&D centres in Germany, the United States, Japan, and China, respectively, and is committed to creating more energy-saving and efficient hydraulic transmission and control technology solutions.

For more detailed information, please visit our website at:

www.inlinehydraulik.com

www.henglihydraulics.com



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