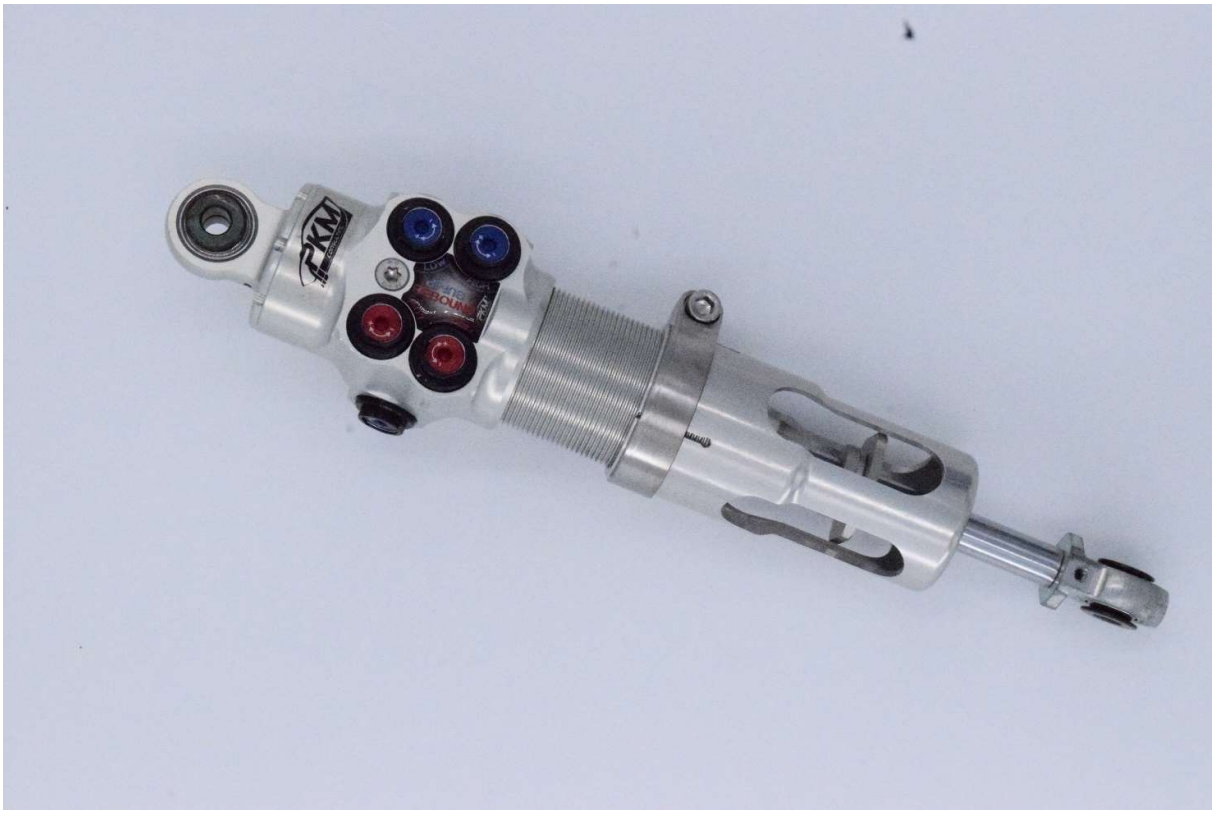
P30 – ORECA 07

Part List



[PL]-PKM-P30-ORECA-07
25/01/2023

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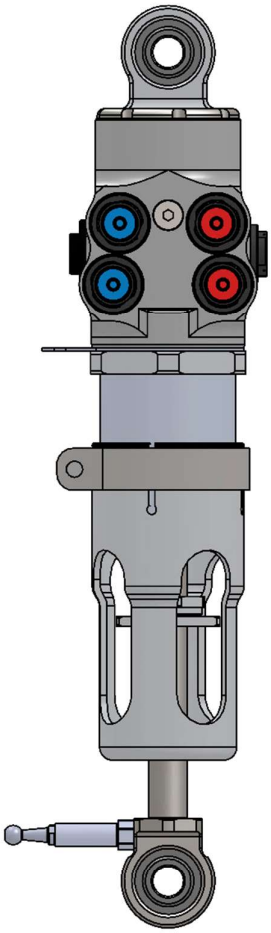
Flash the QR code below or follow the link to find out all information available for this product.

https://www.pkm-consulting.com/oreca-07-lmp2/

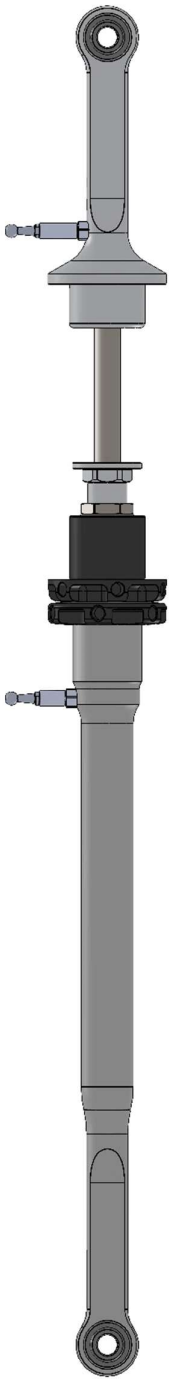
Chapt I : Front

1. Recap

<

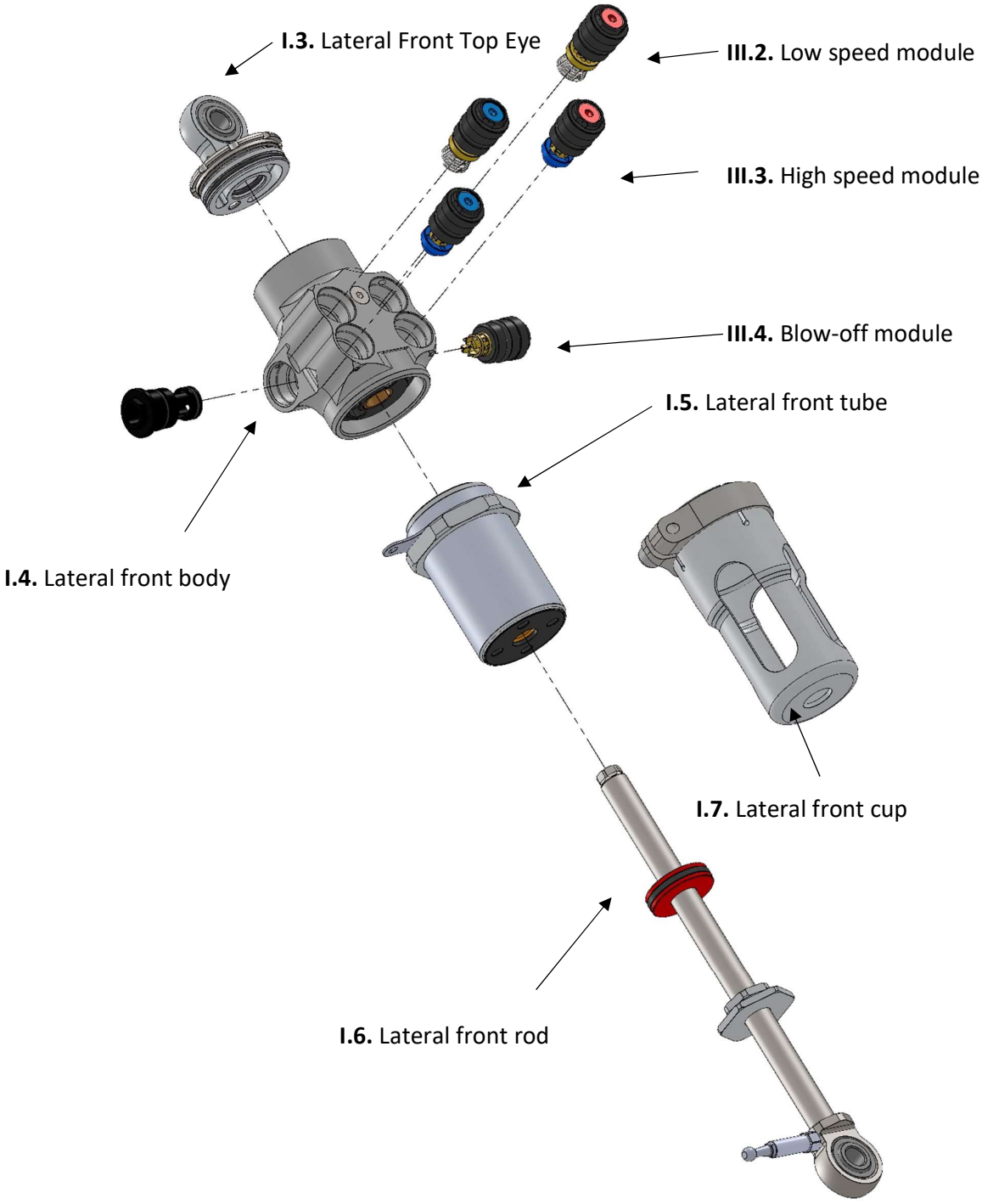


Lateral Front

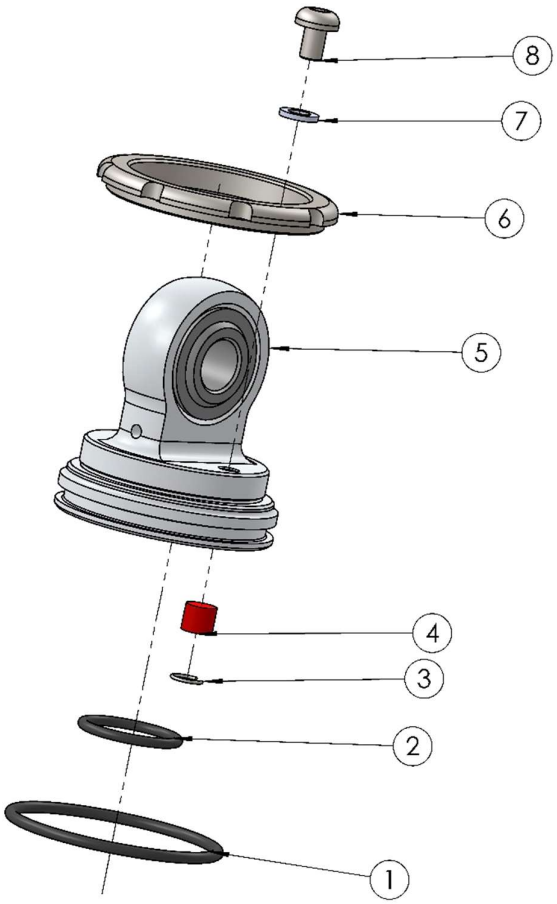


3rd front element

2. Lateral Front Recap

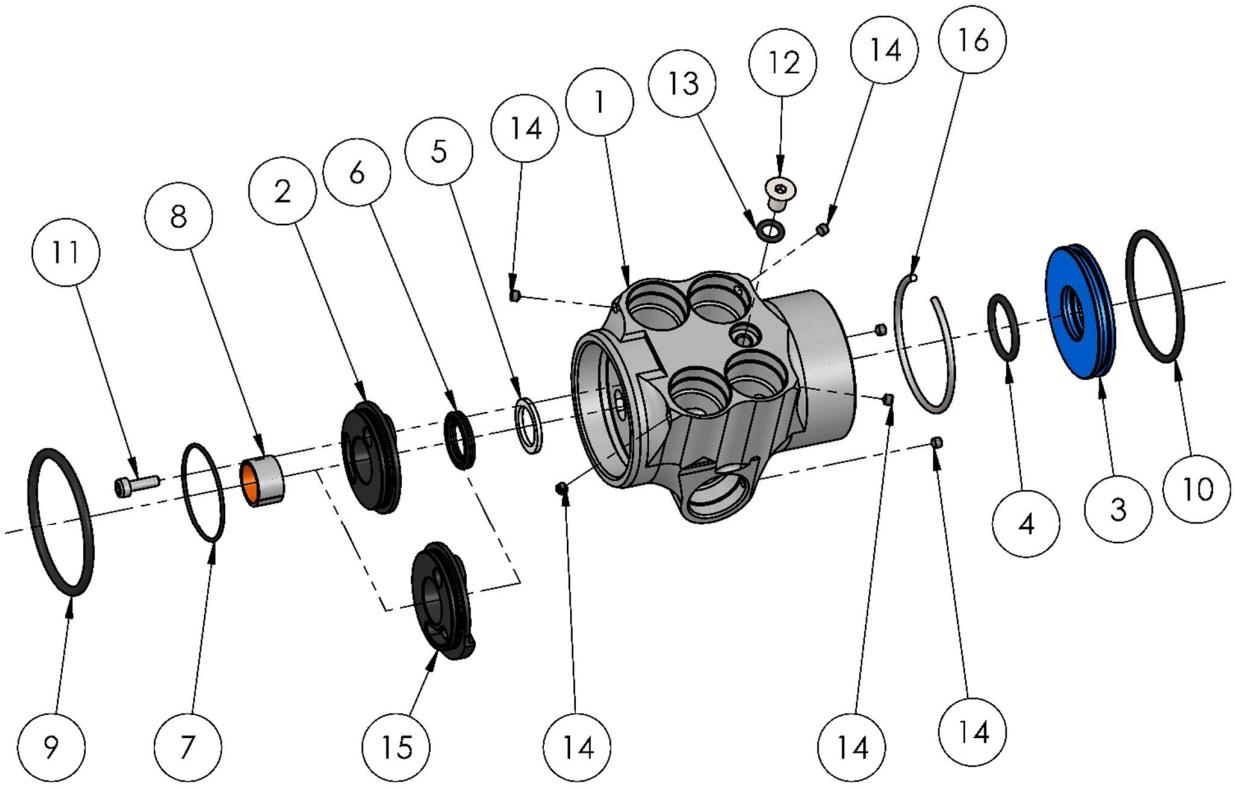


3. Lateral Front Top Eye



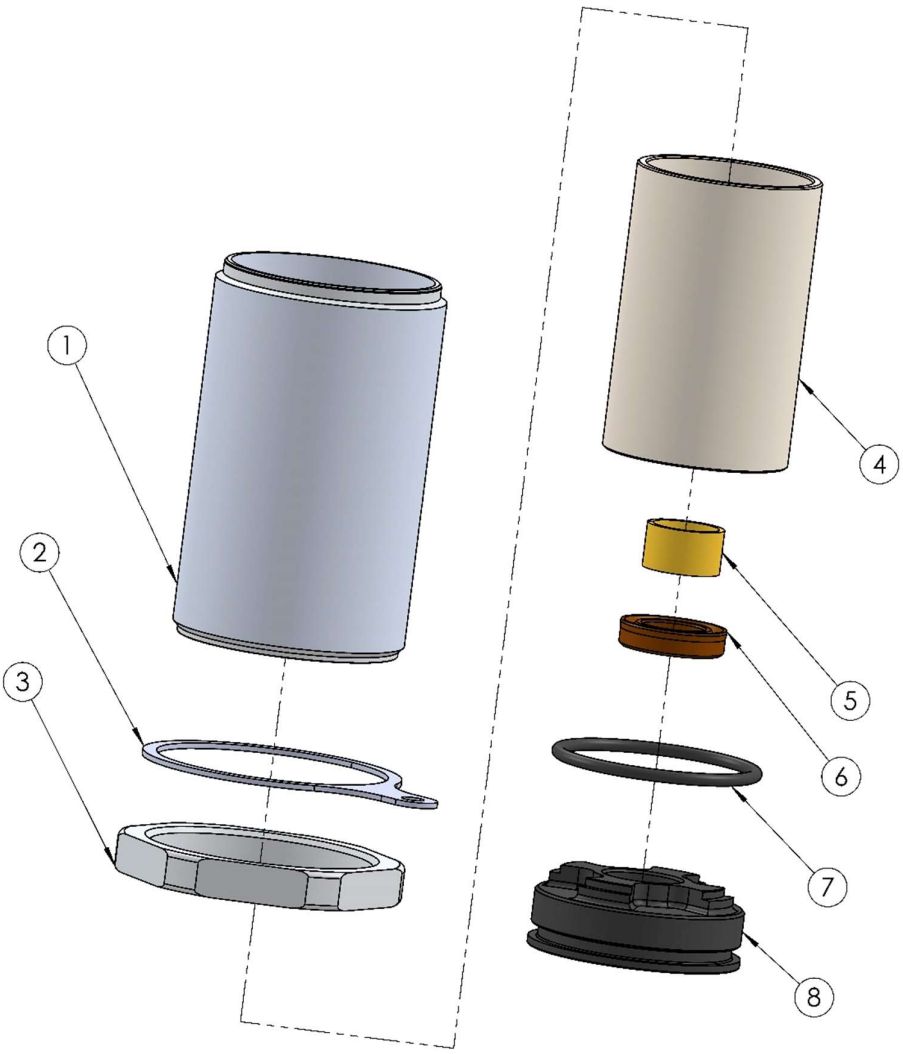
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	J03600200F	O-ring	
2	1	J01560178F	O-ring	
3	1	PK-JNC-025-A	Circlip	
4	1	JS0024	Infflation Membrane	
5	1	ASS-CHP-120-A	Top eye assembly	
6	1	PK-BRI-003-D	Lock Nut	Loctite 243 Torque 25N.m OT-SER-044-A OT-CLE-013-A
7	1	JS0023	Usit ring	
8	1	TCBL040N060E088	Screw	

4. Lateral front body



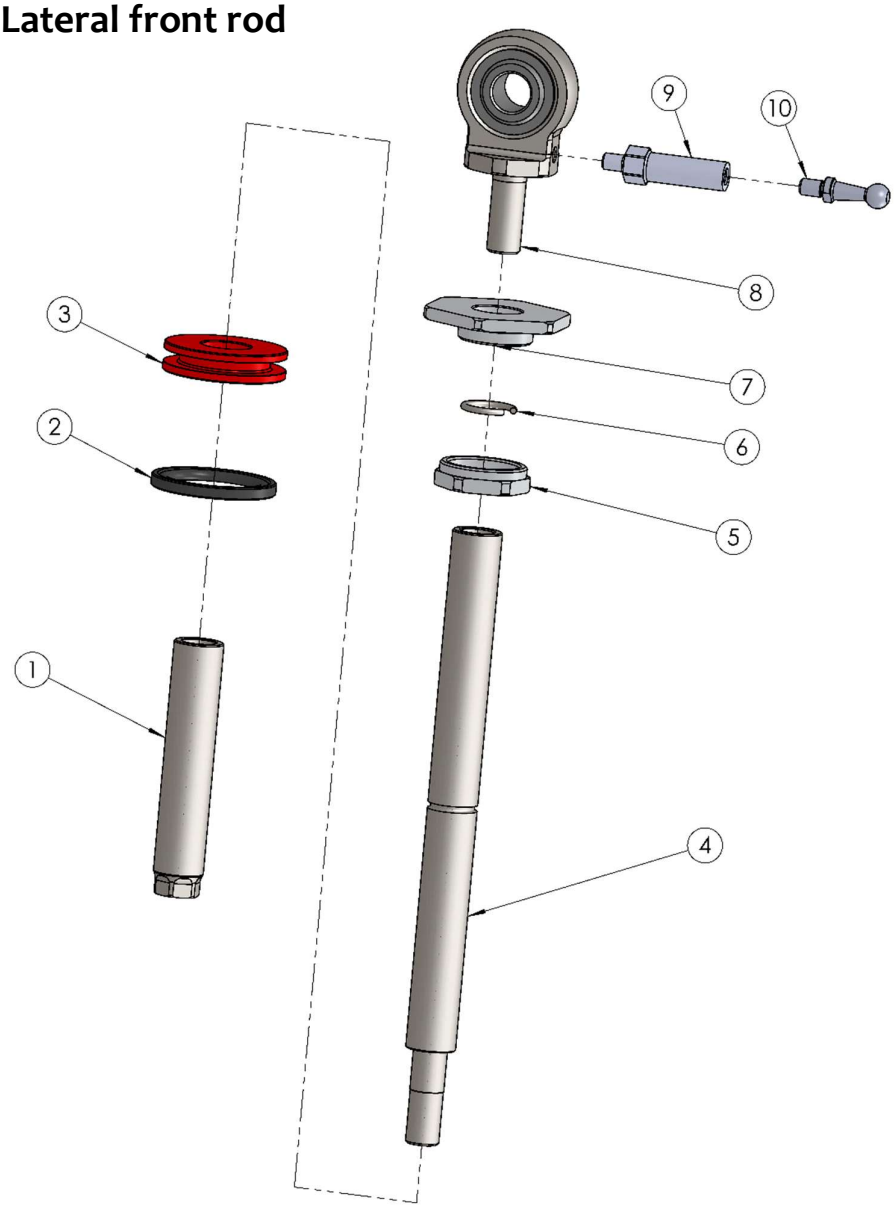
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-CRP-027-M	Damper Body	
2	1	PK-CET-011-G	Centering Wedge	Left Damper
3	1	PK-PIS-040-F	Separating Piston	
4	1	J01600200F	O-ring	
5	1	JS0031	Back-up ring	
6	1	JS0032	X-ring	
7	1	J02800100F	O-ring	
8	1	PK-BAG-025-A	Ring	
9	1	J03934262F	O-ring	
10	1	J03600200F	O-ring	
11	1	CHC030N010E129	Screw	Loctite 243 Torque 2N.m
12	1	TFX050N008C	Screw	Torque Hand
13	1	J00510160F	O-ring	
14	6	HC030N003E109B	Screw	Loctite 243 Torque Hand
15	1	PK-CET-012-G	Cebtering Wedge	Right Damper
16	1	PK-JNC-006-A	Circlip	

5. Lateral front tube



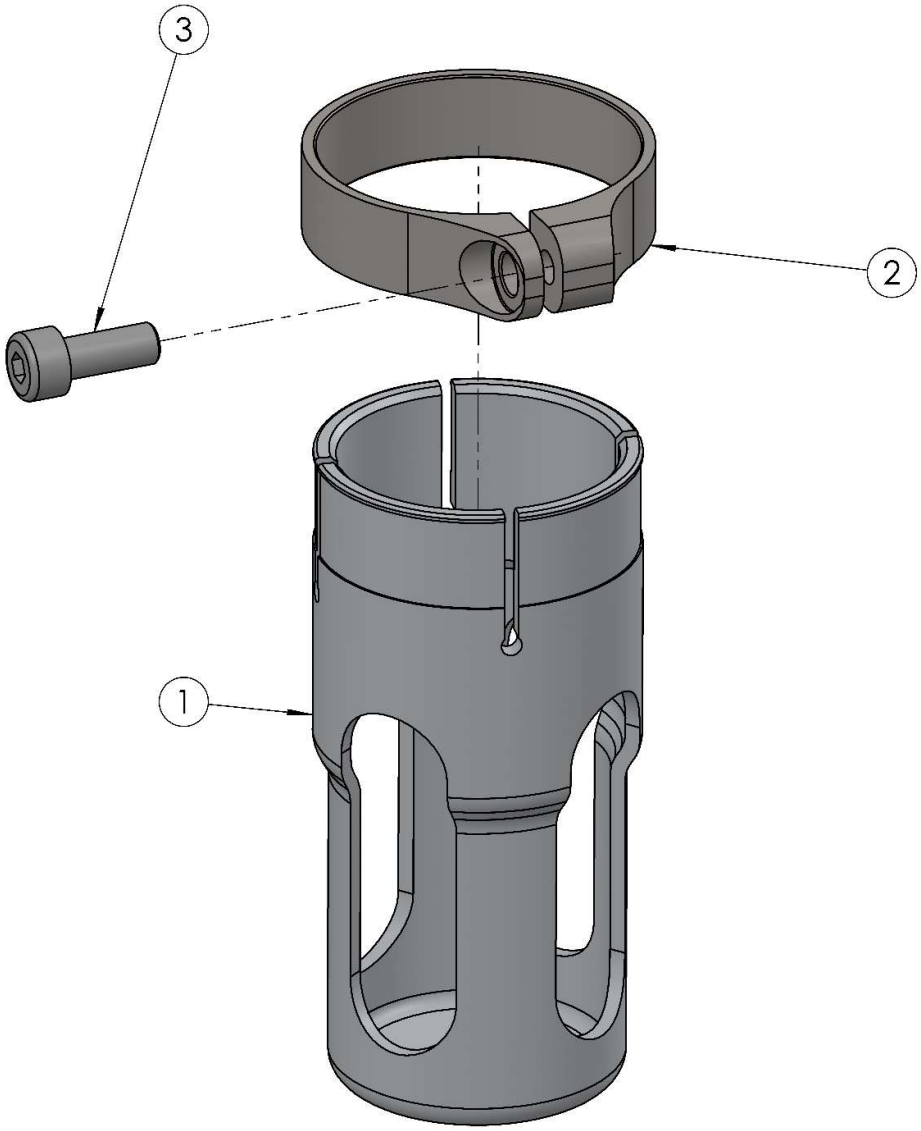
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-TUE-019-E-40	Outer Tube	Loctite 243 Torque 50N.m OT-SER-048-A
2	1	LMP2C-EL-0157	Sensor Support	Oreca Part
3	1	PK-ECR-029-A	Lock Nut	
4	1	PK-TUI-005-B-40	Inner Tube	
5	1	PK-BAG-025-A	Ring	
6	1	JS0109	Rod Seal	
7	1	J03370220F	O-ring	
8	1	PK-BOU-125-A	Seal Cap	Torque 50 N.m OA-SER-089-A

6. Lateral front rod



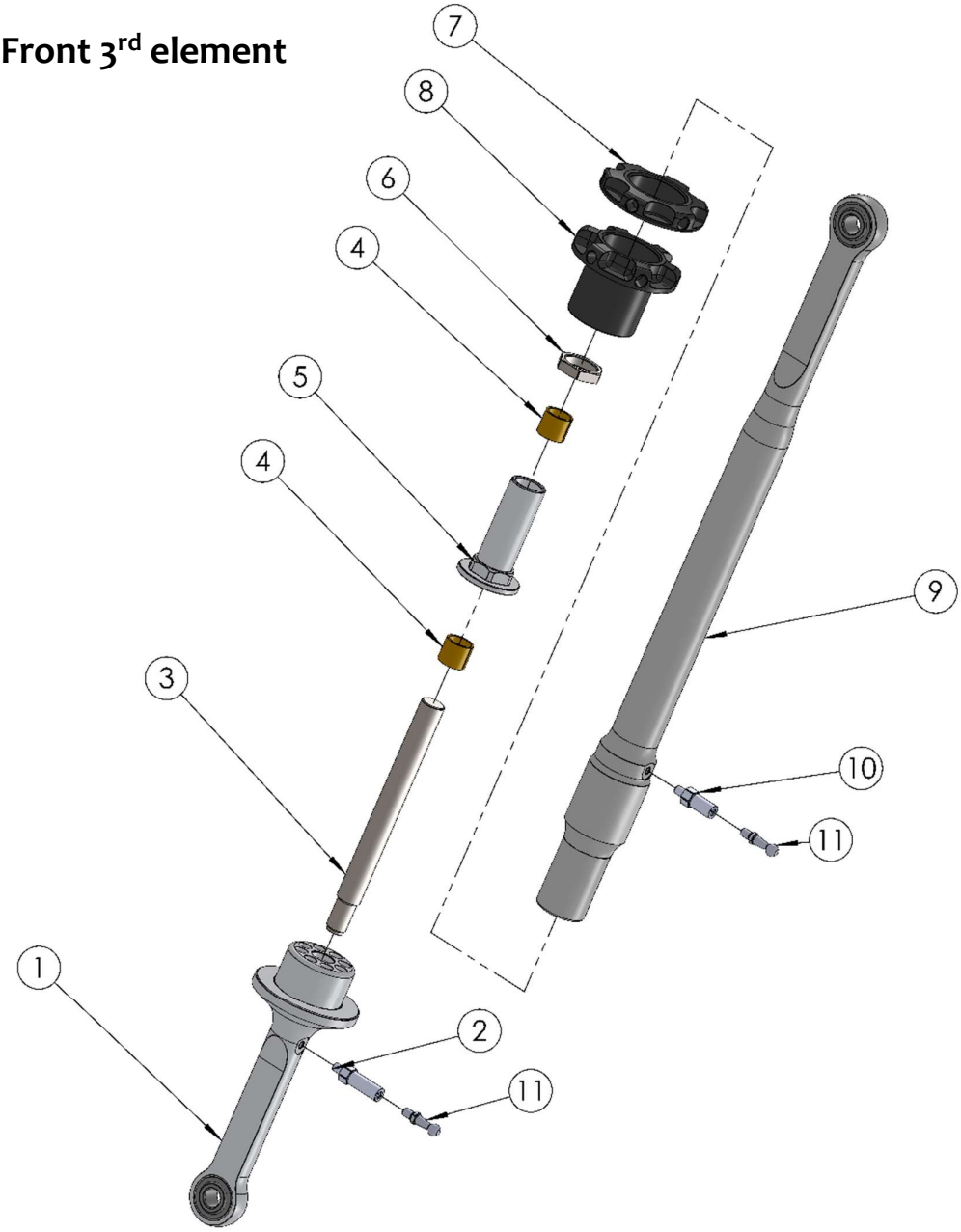
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-TIG-040-B-40	Inner Rod	Loctite 243 Torque 25 N.m
2	1	PK-BAN-022-A	Piston Band	O-ring and Piston band assembly
3	1	PK-PIS-043-F	Piston	
4	1	PK-TIG-045-C-40	Outer Rod	OT-MOR-012-A
5	1	PK-ECR-030-C	Nut	Loctite 243 Torque 8N.m
6	1	PK-JNC-008-A	Circlip	OT-MON-030-A OT-MON-031-A
7	1	PK-APR-011-C	Bump Platform	
8	1	ASS-CHP-089-A	Rod End Assembly	
9	1	PK-RAL-009-A	Sensor Extension	
10	1	PK-ROT-005-B	Sensor Ball Joint	

7. Lateral front cup



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-COU-042-B	Bump Platform	
2	1	PK-SER-001-B	Clamp	
3	1	CHC060N015C	Screw	

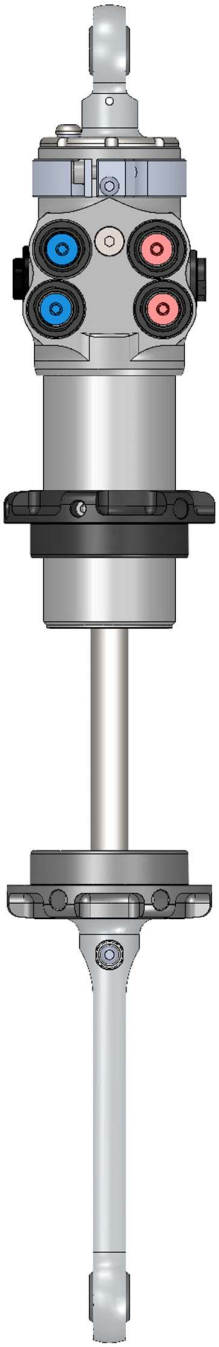
8. Front 3rd element



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	ASS-CHP-121-A	Rod end	OT-SER-083-A
2	1	PK-RAL-014-A	Sensor extension	
3	1	PK-TIG-052-A-128	Rod	Loctite 243 Torque 25N.m OT-MOR-012-A
4	2	PK-BAG-006-A	Ring	
5	1	PK-COU-055-A	Cup	
6	1	PK-ECR-038-A	Nut	
7	1	PK-COU-060-A	Spring Platform	
8	1	PK-COU-054-A	Spring Platform	
9	1	ASS-CHP-122-A	Top Eye Assembly	
10	1	PK-RAL-013-A	Sensor extension	
11	2	PK-ROT-005-B	Sensor ball joint	

Chapt II : Rear

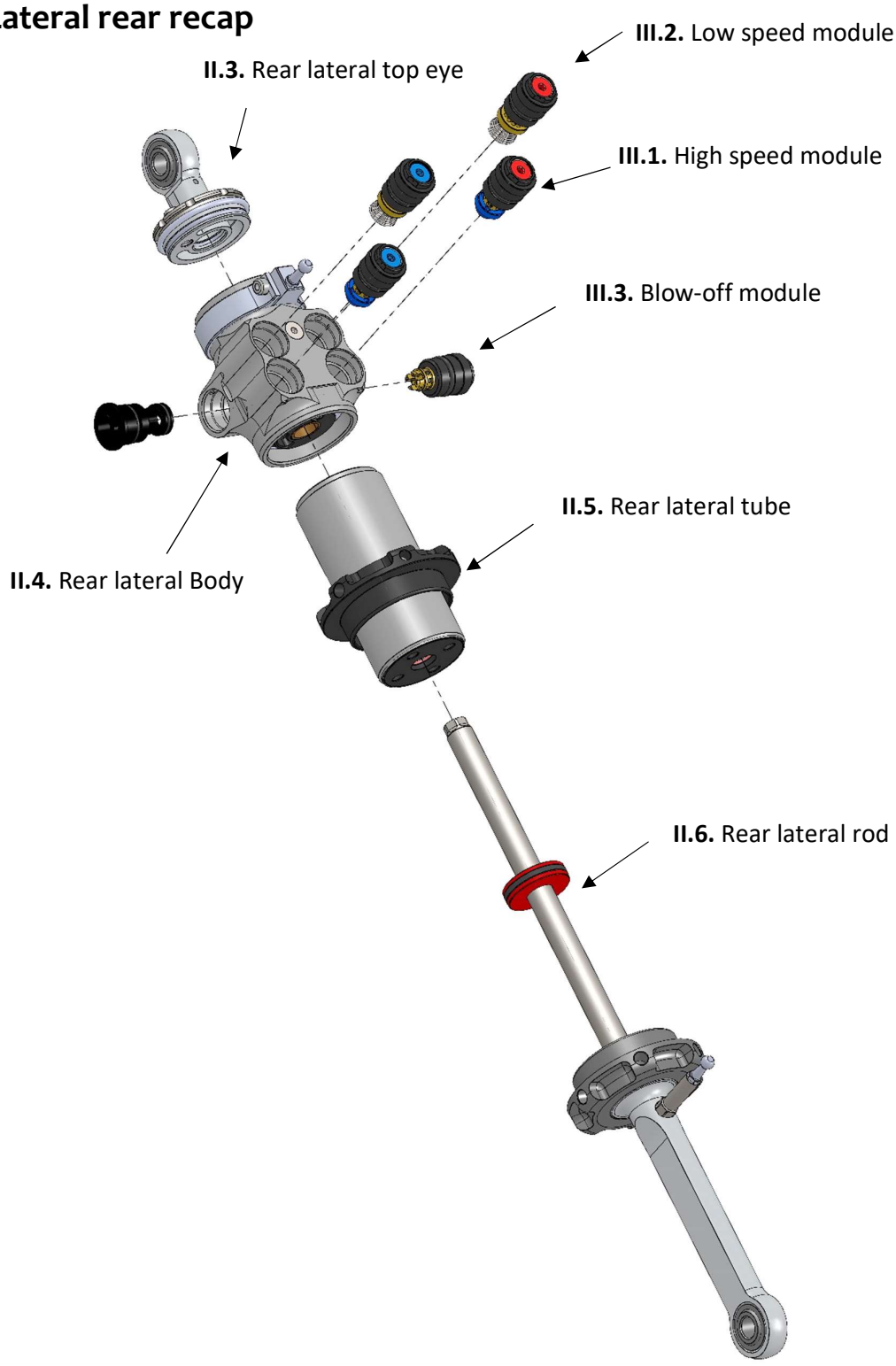
1. Rear recap



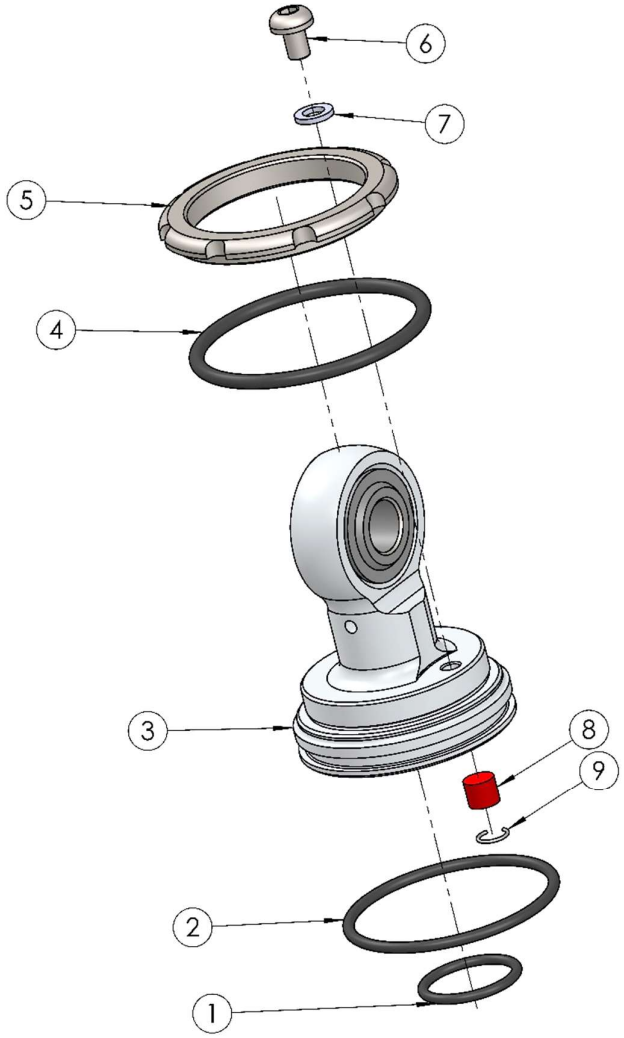
Lateral Rear

3rd Rear Element

2. Lateral rear recap

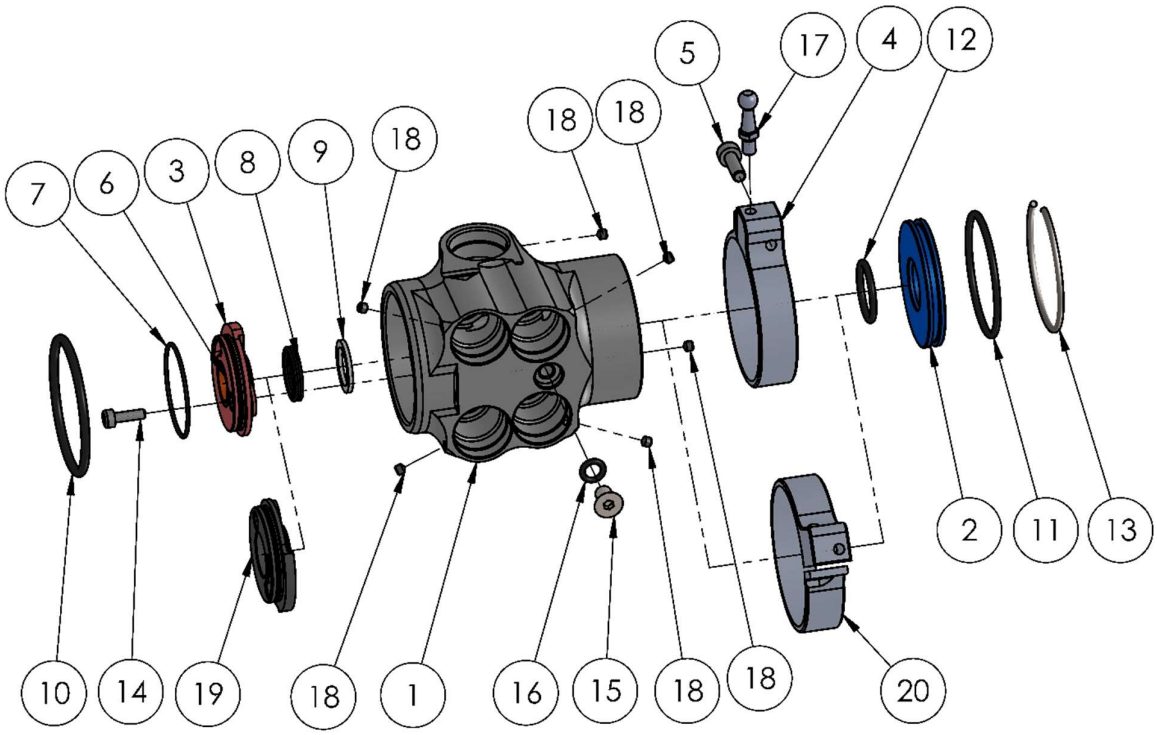


3. Rear lateral top eye



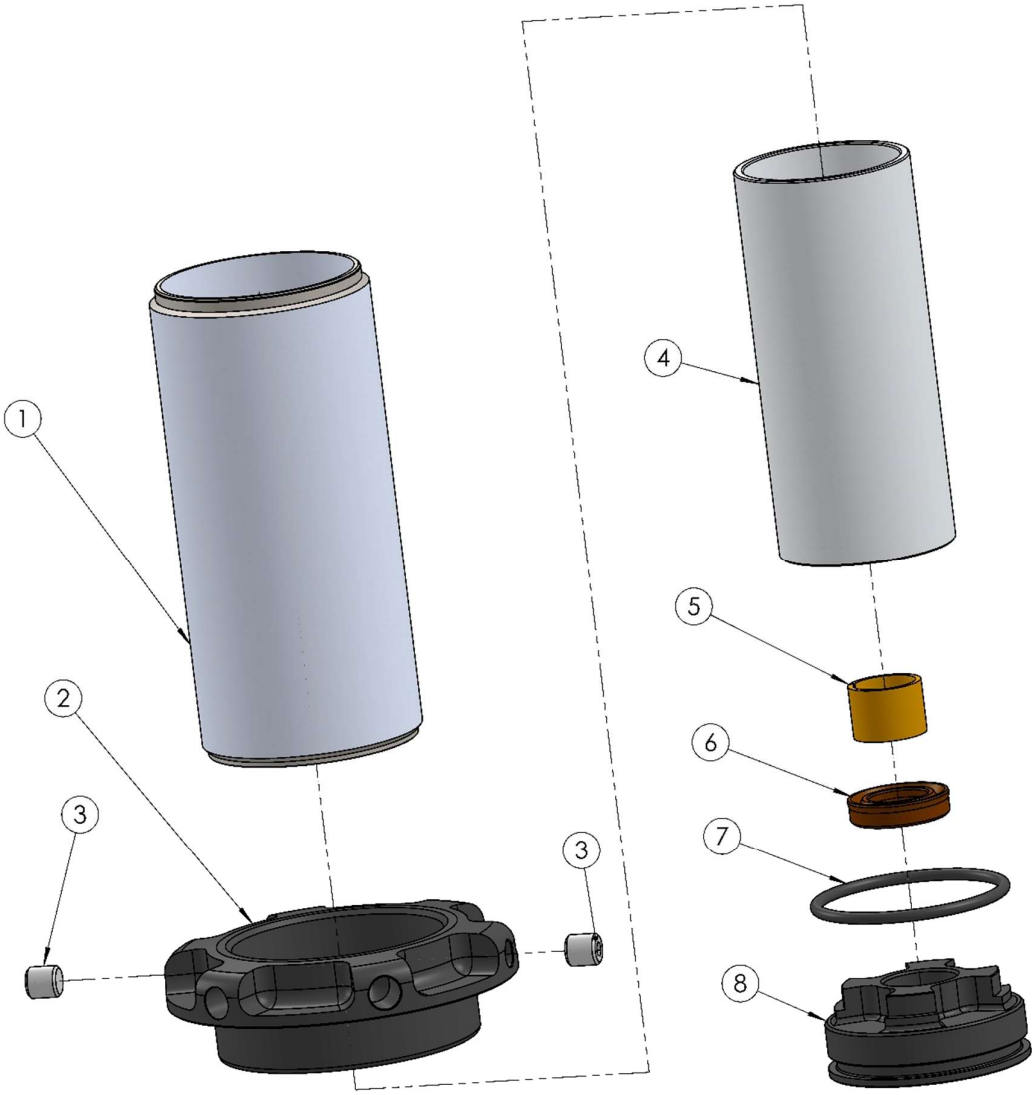
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	J01560178F	O-ring	
2	1	J03600200F	O-ring	
3	1	ASS-CHP-077-A	Top Eye Assembly	
4	1	J03934262F	O-ring	
5	1	PK-BRI-003-C	Lock Nut	Loctite 243 Torque 25N.m OT-SER-044-A OT-CLE-013-A
6	1	TCBLX040N060E088	Screw	
7	1	JS0023	Usit ring	
8	1	JS0024	Infflation Membrane	
9	1	PK-JNC-025-A	Circlip	

4. Rear lateral Body



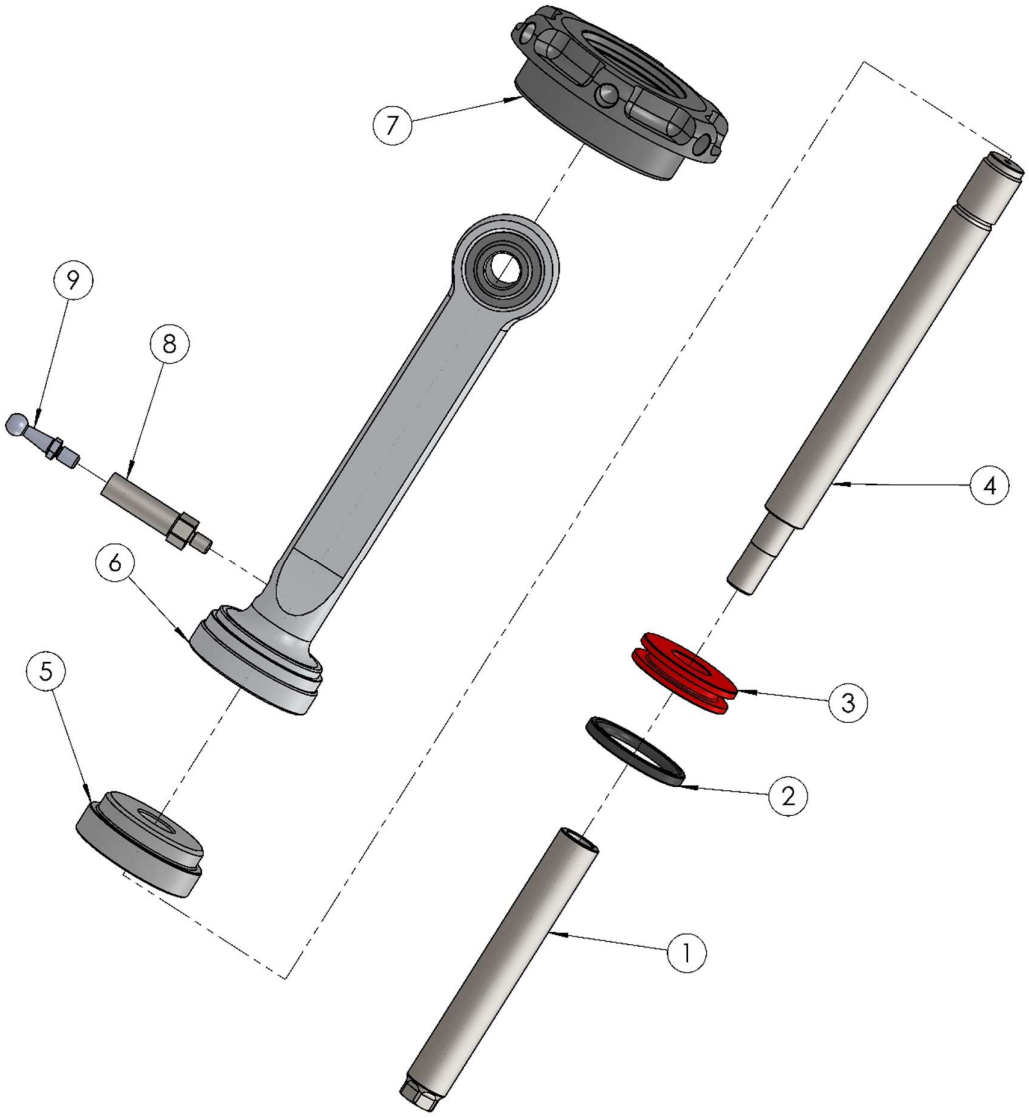
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-CRP-027-M	Damper body	
2	1	PK-PIS-040-F	Separating Piston	
3	1	PK-CET-011-G	Centering Wedge	Left Damper
4	1	PK-SUP-039-B	Sensor Bracket	Diameter Ø45
5	1	CHC0470N012C	Screw	Torque 4 N.m
6	1	PK-BAG-025-A	Ring	
7	1	J02800100F	O-ring	
8	1	JS0032	X-ring	
9	1	JS0031	Back-up Ring	
10	1	J03934262F	O-ring	
11	1	J03600200F	O-ring	
12	1	J01600200F	O-ring	
13	1	PK-JNC-006-A	Circlip	
14	1	CHC030N010E129	Screw	Loctite 243 Torque 2 N.m
15	1	TFX050N008C	Screw	Torque Hand
16	1	J00510160F	O-ring	
17	1	PK-ROT-005-B	Sensor ball joint	
18	6	HC030N003E109B	Screw	Loctite 243 Torque Hand
19	1	PK-CET-012-G	Centering Wedge	Right Damper
20	1	PK-SUP-022-C	Sensor Bracket	Diameter Ø44

5. Rear lateral tube



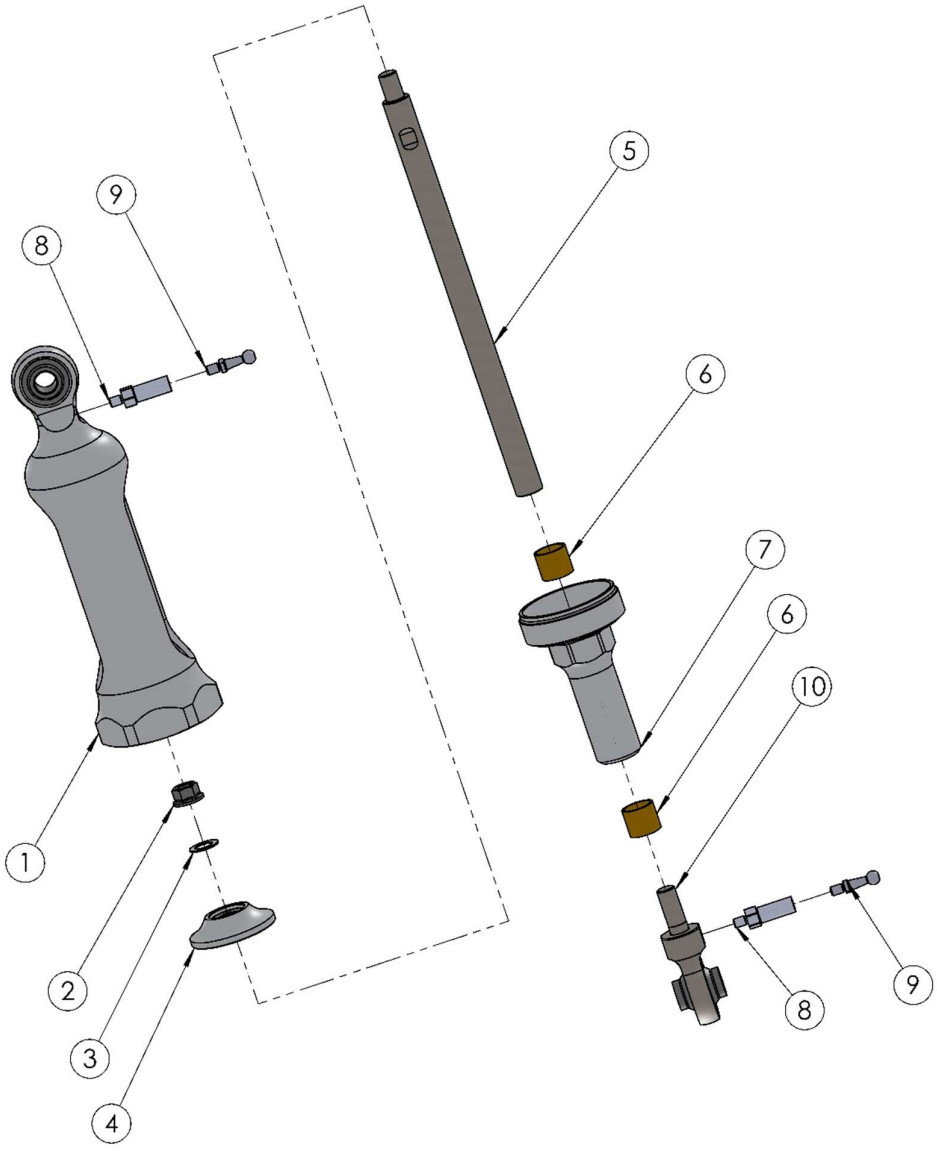
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-Tue-027-A-63	Outer Tube	Loctite 243 Torque 50 N.m OT-SER--048-A
2	1	PK-COU-039-A	Bump Platform	
3	1	PK-TUI-005-C-63	Inner Tube	
4	1	PK-BAG-022-A	Ring	
5	1	JS0109	Rod Seal	
6	1	J03370220F	O-ring	
7	1	PK-BOU-126-A	Seal Cap	Torque 50 N.m OA-SER-133-A

6. Rear lateral rod



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-TIG-040-B-63	Inner Rod	Loctite 243 Torque 25 N.m
2	1	PK-BAN-022-A	Piston Band	O-ring and Piston on band assembly
3	1	PK-PIS-043-F	Piston	
4	1	PK-TIG-057-C-80	Outer Rod	OT-MOR-012-A
5	1	PK-ECR-040-B	Nut	Loctite 243 Torque 8 N.m
6	1	PK-JNC-008-A	Circlip	OT-MON-030-A OT-MON-031-A
7	1	PK-COU-040-A	Bump Platform	
8	1	ASS-CHP-127-A-128	Rod End Assembly	
9	1	PK-RAL-007-A	Sensor Extension	
10	1	PK-ROT-005-B	Sensor Ball Joint	

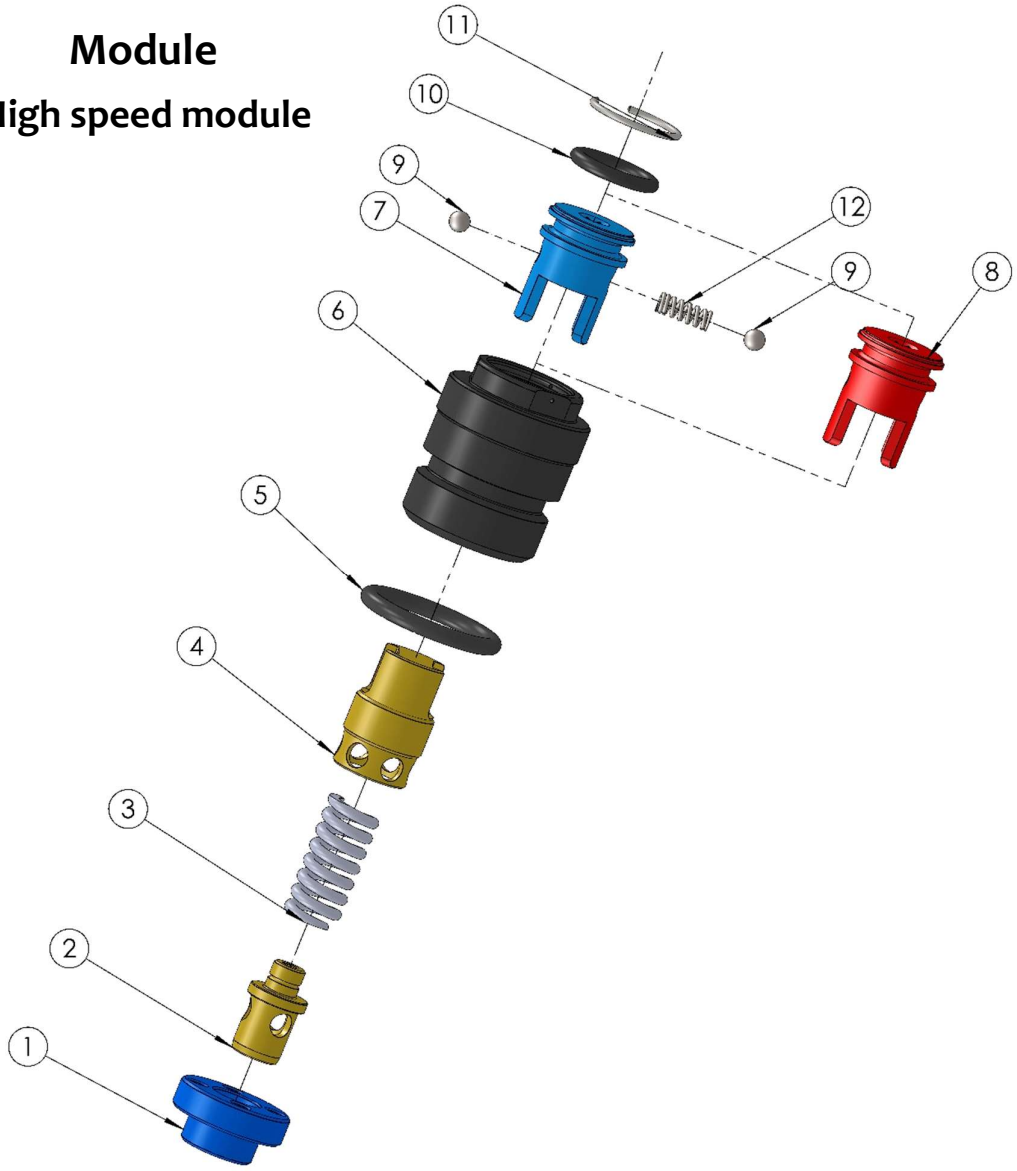
7. Rear 3rd element



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	ASS-CHP-123-A	Bump Platform Assembly	
2	1	E080NDA	Nut	
3	1	RB080NA	Washer	
4	1	PK-COU-058-A	Spring Platform	
5	1	PK-TIG-053-B	Rod	OT-MOR-012-A
6	2	PK-BAG-006-A	Ring	
7	1	PK-BOU-079-A	End piece	
8	2	PK-RAL-015-A	Sensor extension	
9	2	PK-ROT-005-B	Sensor ball joint	
10	1	ASS-CHP-124-A	Rod end assembly	Loctite 243 Torque 25N.m

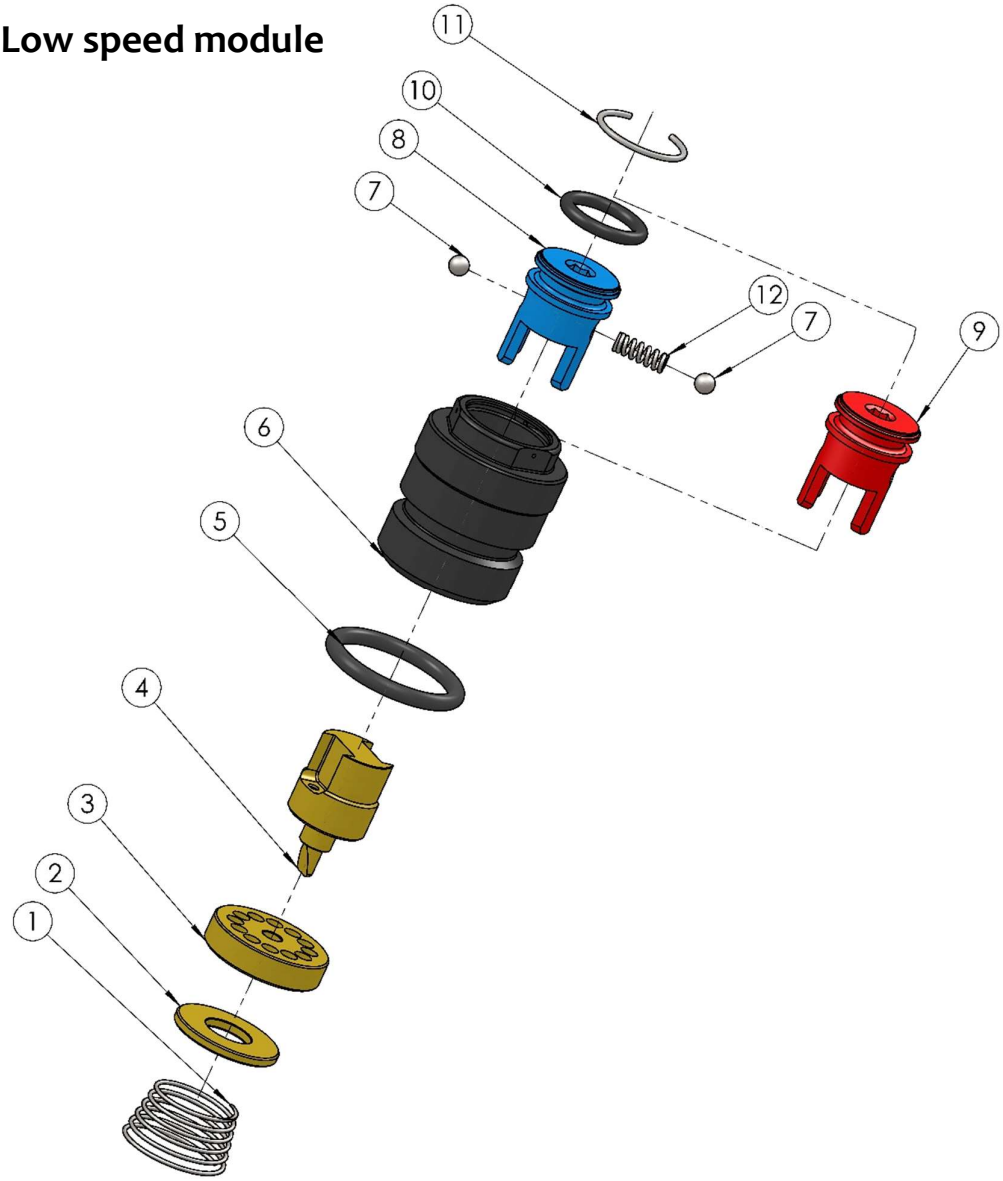
Chapt III : Module

1. High speed module



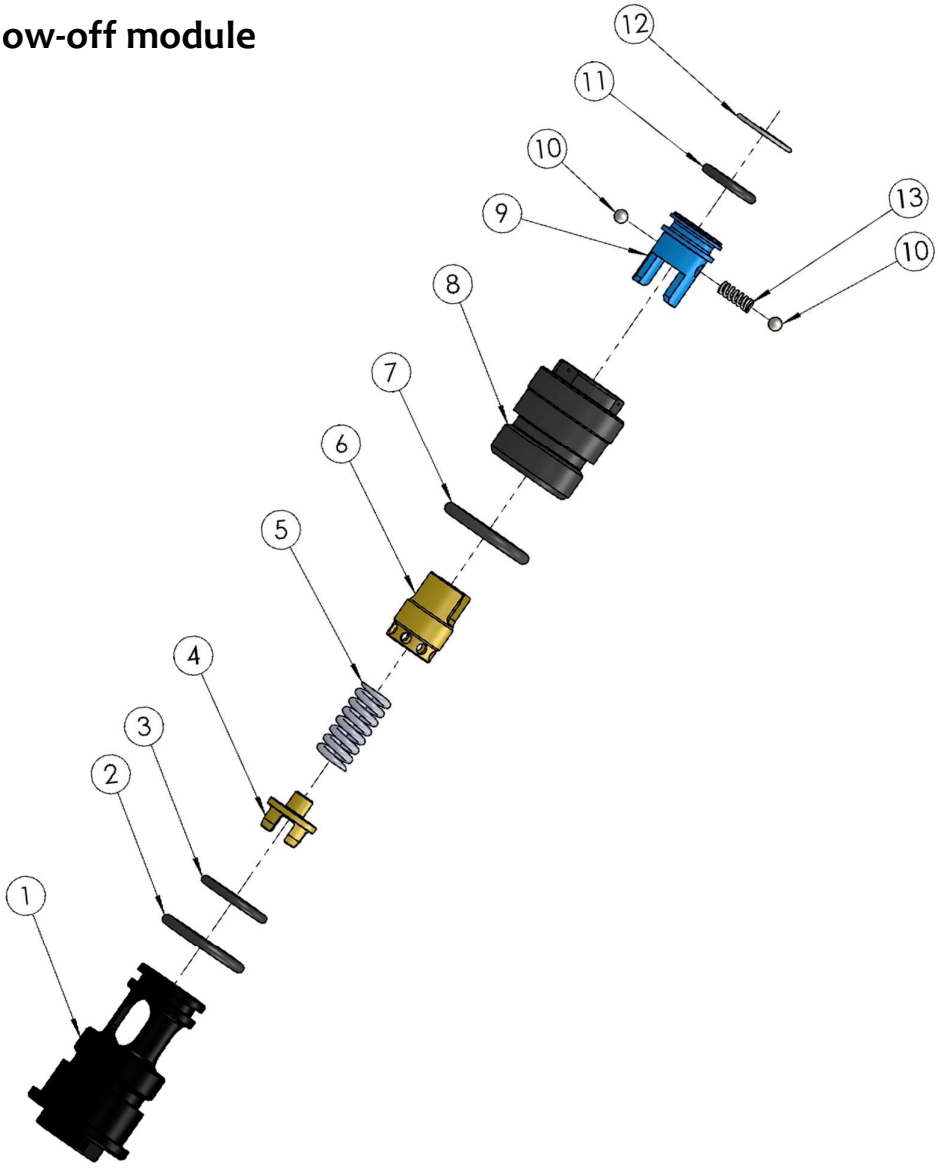
Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-PIS-XXX	Piston	See Table - Torque 12N.m OA-SER-045-A
2	1	PK-VAL-XXX	Valve	See Table
3	1	PK-SPG-XXX	Spring	See Table
4	1	PK-DOU-001-B	Spring Preload	
5	1	J01400200F	O-ring	
6	1	PK-BOU-065-I	Blow-Off End Piece	
7	1	PK-MOL-016-E- B	Adjustement Wheel	B Blue Bump
8	1	PK-MOL-106-E-R	Adjustement Wheel	R Rebound Red
9	2	B025A	Ball	
10	1	J00810160F	O-ring	
11	1	PK-JNC-005-A	Circlip	
12	1	PK-SPG-017-A	Spring	

2. Low speed module



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-SPG-003-A	Spring	
2	1	PK-VAL-016-B	Check Valve	
3	1	PK-PIS-041-E	Piston	Torque 12N.m OA-SER-045-A
4	1	PK-POI-XXX	Adjustement Needle	See Table
5	1	J01400200F	O-ring	
6	1	PK-BOU-065-I	Blow-Off End Piece	Torque Hand
7	2	B025A	Ball	
8	1	PK-MOL-016-E-B	Adjustement Wheel	B Blue Rebound
9	1	PK-MOL-106-E-R	Adjustement Wheel	R Rebound Red
10	1	J00810160F	O-ring	
11	1	PK-JNC-005-A	Circlip	
12	1	PK-SPG-017-A	Spring	

3. Blow-off module



Pos	Qty	Part No	DESCRIPTION	Notes
1	1	PK-BOU-086-A	Valve seat	Loctite 577 Torque 25N.m
2	1	J01400178F	O-ring	
3	1	J01100150F	O-ring	
4	1	PK-VAL-021-B	Valve	
5	1	PK-SPG-015-A-XX	Spring	See Table
6	1	PK-DOU-003-B	Spring preload	
7	1	J01400200F	O-ring	
8	1	PK-BOU-065-I	Blow-Off End Piece	
9	1	PK-MOL-016-E	Adjustement Wheel	
10	2	B025A	Ball	
11	1	J00810160F	O-ring	
12	1	PK-JNC-005-A	CIrclip	
13	1	PK-SPG-017-A	Spring	

Chapt IV : Valving

1. Spring table

Spring Table		
Part No	Stifness (N/mm)	Lenght (mm)
High Speed Module		
PK-SPG-015-A-10	10	15
PK-SPG-015-A-15	15	15
PK-SPG-015-A-20	20	15
PK-SPG-015-A-30	30	15
PK-SPG-015-A-40	40	15
PK-SPG-015-A-50	50	15
Blow-Off Module		
PK-SPG-016-A-10	10	16.5
PK-SPG-016-A-16	15	16.5
PK-SPG-016-A-20	20	16.5
PK-SPG-016-A-30	30	16.5
PK-SPG-016-A-40	40	16.5
PK-SPG-016-A-50	50	16.5
PK-SPG-016-A-80	80	16.5

2. Needle table

Needle	
Part No	Angle
PK-POI-013-C	9°
PK-POI-015-C	16°
PK-POI-020-B	26°

3. Valve table

Valve Table		
Part No	Diameter (mm)	Type
PK-VAL-008-A	Ø4	Degressive
PK-VAL-018-B	Ø4	Linear
PK-VAL-023-A	Ø4	Linear
PK-VAL-012-B	Ø6	Degressive
PK-VAL-037-A	Ø6	Linear
PK-VAL-039-A	Ø6	Linear

4. Piston table

Piston	
Part No	Diameter (mm)
High speed module	
PK-PIS-048-B	Ø4
PK-PIS-047-B	Ø6
Low speed module	
PK-PIS-041-E	

Chapt V : Other

Product	Part No
TOOL	OT-SER-044-A
TOOL	OT-CLE-013-A
TOOL	OA-SER-045-A
TOOL	OT-SER-048-A
TOOL	OA-SER-089-A
TOOL	OT-MOR-012-A
TOOL	OT-MON-030-A
TOOL	OT-MON-031-A
TOOL	OT-SER-037-A
TOOL	OT-SER-055-A
OIL	PK-OIL-007-A

Chapt VI : Versioning

REV	NAME	DATE	CHANGES
A	RICORD	20/04/2022	Creation
B	ETTORI	17/01/2023	Modification

Chapt I : Notes