

DALA-GRIPPEN



sitRIGHT

— NUMBER ONE IN THE FOREST —

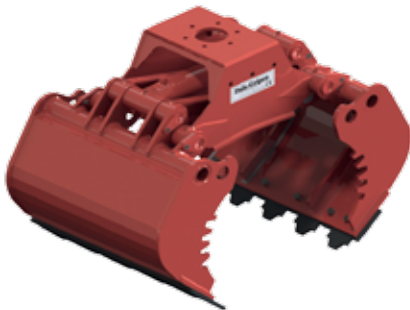
DALA-GRIPEN grapples ideal for use on forwarders, trucks and excavators worldwide.
Being Nr 1 in the forest, we offer a wide range of top-quality products to make your work more efficient and easy.
DALA-GRIPEN represents variety of grapples for both forestry, construction and recycling.



ENTREPRENADGRIPAR
HEAVY DUTY GRAPPLES



STEN/SORTERINGSGRIPAR
STONE/RECYCLINGS GRABS



MULTIGRIPAR
MULTI GRABS



TIMMERGRIPAR
LOG GRAPPLES



RISGRIPAR FOREST
RESIDUE GRAPPLES



SKOPOR
CLAMSHELL BUCKETS



ENERGI KLIPP
ENERGY WOOD GRAPPLES

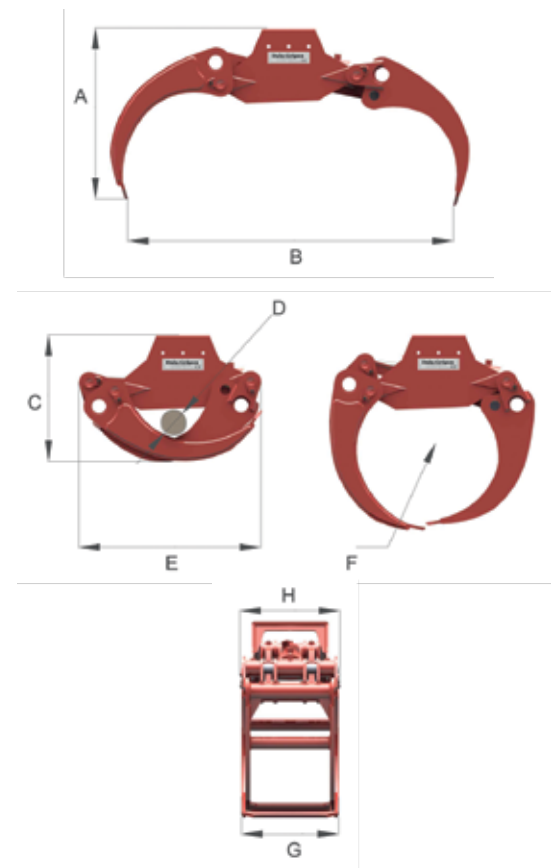


FÄSTEN
ADAPTERS

Heavy Duty timber grapple for real challenges, also perfect for tiltrotor use with universal quick hitches. Heavy duty grapple is suited for heavy forest works, different waste sorting and pipe/round wood loading or moving and industrial loadings.

- Construction is strengthened, thicker material with additional mounts, Materials used are well known SSAB quality Strenx 650 Mc, Strenx 700 Mc, with those materials we have achieved higher durability and as light weight as possible of the grapples. Lighter grapple makes excavator or forest machinery to wear out less.
- Grapples has additional fastener points where to attach any, specially adjusted coupling. Adapters should be fastened with screws - you can change and use it on different excavators and forest machinery.
- Except models DGE12 and DGE20, all other models have 2 reaction bars that contribute to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decrease the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed.
- Short cylinder working track provides fast movement of the grapple - opening/closing.

MODEL		DGE12	DGE20	DGE25	DGE28	DGE35	DGE42	
A	HEIGHT WHEN OPEN	mm	495	550	620	745	770	845
B	MAX OPENING	mm	1000	1250	1400	1435	1820	2000
C	HEIGHT WHEN CLOSED	mm	350	425	480	530	610	620
D	MIN GRIPING DIAMETER	mm	57	73	90	105	125	125
E	LENGTH WHEN CLOSED	mm	545	645	730	810	930	1045
F	GRIPPING AREA	m ²	0.14	0.2	0.25	0.28	0.35	0.42
G	WIDTH	mm	264	325	405	420	485	490
H	MAX WIDTH	mm	264	335	410	430	495	500
WEIGHT		kg	56	88	145	195	275	290
MAX LOAD		kg	1500	2000	3500	3500	5000	5000
MAX WORKING PRESSURE		Bar	200	250	250	250	250	250
CYLINDER FORCE		kN	35.3	71.6	115.5	115.5	146.2	180.5
GRIPPING FORCE ARMS TIP		kN	7	12.1	19.3	19.2	25.4	32.8
OPENING TIME 70L/MIN		s	0.16	0.28	0.62	0.5	0.8	1.3
CLOSING TIME 70L/MIN		s	0.24	0.48	0.83	0.9	1.3	1.8
ORDER CODE			DGE12	DGE20	DGE25	DGE28	DGE35	DGE42



* Note! The manufacturer reserves the right to make changes in technical specifications.



DGE 12

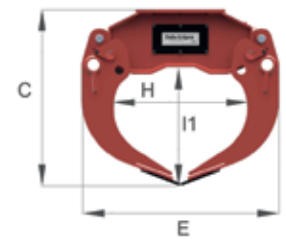
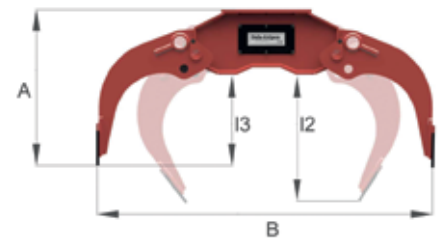
DGE 20

DGE 25 - 42

Powerful and durable, at the same time fast and flexible, universal for loading of stone, scrap and other waste.
 Massive heavy duty claws with enhancement as well as Hardox450 material are insurance of durability.

- Grapples has additional fastener points where to attach any, specially adjusted coupling. Adapters should be fastened with screws - you can change and use it on different excavators and forest machinery. Can be attached with standard forest machinery rotator and work like free hanging grapple.
- 2 reaction links that contribute to symmetrical performance of grapple and spread the load on cylinder that in long run decreases the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed.
- Short cylinder working track provides fast movement of the grapple - opening/closing.
- Descending knives made of Hardox450, knives are double side useable, if one side is worn out, turn around and you will have new knives.

MODEL			DGS12	DGS20	DGS25	DGS28	DGS35	DGS39	DGS42
A	HEIGHT WHEN OPEN	mm	430	470	530	625	730	925	1140
B	MAX OPENING	mm	835	1225	1440	1545	1765	1890	2355
C	HEIGHT WHEN CLOSED	mm	452	610	715	800	910	1040	1280
E	LENGTH WHEN CLOSED	mm	552	640	740	825	945	1125	1400
F	MAX WIDTH	m ²	322	395	432	530	780	780	1080
H	GRIPPING AREA WIDTH	mm	375	390	470	530	610	762	955
I1	GRIPPING AREA HEIGHT	mm	237	335	410	460	555	660	825
I2	INSIDE HEIGHT OPENED 1 M	mm	-	325	430	500	635	755	950
I3	INSIDE HEIGHT MAX OPENED	mm	221	210	235	300	385	555	700
WEIGHT		kg	62	113	175	275	455	650	1025
MAX LOAD		kg	1500	3000	3500	3500	5000	5000	5000
MAX WORKING PRESSURE		Bar	200	250	250	350	350	350	350
CYLINDER FORCE		kN	35	78	116	175	222	275	332
GRIPPING FORCE ARMS TIP		kN	6.70	11	18	22.5	28	35	42
OPENING TIME 70L/MIN		s	0.16	0.28	0.60	0.45	0.8	1	1.6
CLOSING TIME 70L/MIN		s	0.24	0.48	0.83	0.9	1.3	1.6	2.3
ORDER CODE			DGS12	DGS20	DGS25	DGS28	DGS35	DGS39	DGS42



* Note! The manufacturer reserves the right to make changes in technical specifications.



DGS12 / 20 / 25 / 28

DGS35

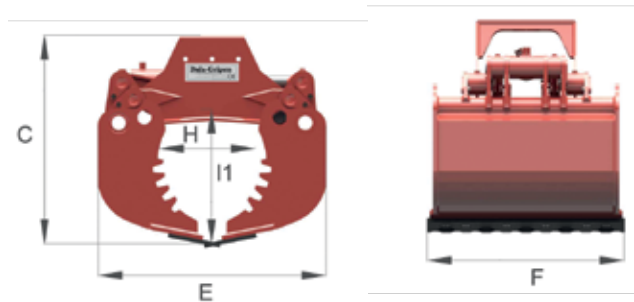
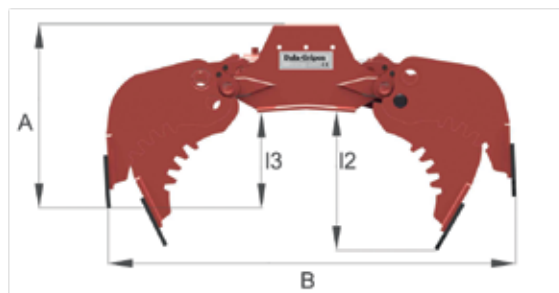
DGS39

DGS42

Multi grapple is suited for different waste sorting and pipe/round wood loading or moving. With multi grapple your work is more flexible without changing machinery – grab, load and even dig if you need so.

- Mainly used as sorting grapple . With specially designed knives (from Hardox 450) where one side is smooth and the other with tags, you can perform max preventing ground damages, turning knives around digging function is available.
- Special designed claws (with tags) catches hold to the material and decreases sliding options.
- With accessories (adjusting sides) grapple becomes as bucket and it is possible to load bulk – excellent for sand, gravel, pebbel etc.
- Grapples has additional fastner points where to attach any, specially adjusted coupling. Adapters should be fastened with screws – you can change and use it on differen excavators and forest machinery. Can be attached with standard forest machinery rotator and work like free hanging grapple.
- 2 reaction bars that contributes to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decreases the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed. Except model DGM20 – bronze bushings!
- Short cylinder working track provides fast movement of the grapple – opening/closing.

MODEL		DGM20	DGM28	
A	HEIGHT WHEN OPEN	mm	470	625
B	MAX OPENING	mm	1225	1545
C	HEIGHT WHEN CLOSED	mm	610	800
E	LENGTH WHEN CLOSED	mm	685	860
F	MAX WIDTH	m ²	590	740
H	GRIPPING AREA WIDTH	mm	360	370
I1	GRIPPING AREA HEIGHT	mm	320	455
I2	INSIDE HEIGHT OPENED 1 M	mm	325	500
I3	INSIDE HEIGHT MAX OPENED	mm	210	300
CAPACITY WHEN CLOSED		l	120	200
WEIGHT		kg	136	308
MAX LOAD		kg	3000	3500
MAX WORKING PRESSURE		Bar	250	350
CYLINDER FORCE		kN	77.8	175
GRIPPING FORCE ARMS TIP		kN	10.8	22.5
OPENING TIME 70L/MIN		s	0.28	0.7
CLOSING TIME 70L/MIN		s	0.48	0.9
ORDER CODE			DGM20	DGM28



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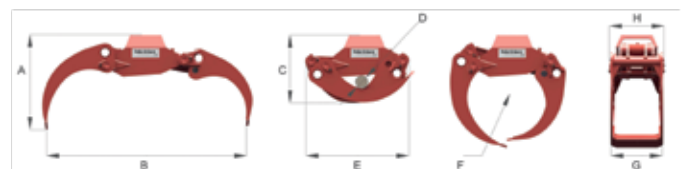


Round wood grapples that are fast and reliable. Everything that you need for smooth loading of timber on and off machines, with a high level of productivity. Rolling - in characteristics and opening speed ensures top quality handling.

- Standard grapple construction. Materials used are well known SSAB quality Weldox 700, Strenx 650 Mc, Strenx 700 Mc, with those materials we have achieved higher durability and as light weight as possible of the grapples. Lighter grapple makes excavator or forest machinery to wear out less.
- All connections are accordingly to all manufacturers standard rotator mount locations.
- Except models DG8, DG14 and DG20, all other models have 2 reaction bars that contributes to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decreases the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed. Except DG20-1 - bronze bushings.
- Short cylinder working track provides fast movement of the grapple - opening/closing.

MODEL			DG8	DG12	DG14	DG20-1	DG20-2	DG25	DG26	DG28	DG29	DG35	DG36
A	HEIGHT WHEN OPEN	mm	405	503	495	605	550	615	655	735	695	760	735
B	MAX OPENING	mm	865	1080	1000	1205	1250	1400	1350	1435	1560	1820	1730
C	HEIGHT WHEN CLOSED	mm	325	355	350	405	415	475	500	520	550	600	570
D	MIN GRIPING DIAMETER	mm	60	50	57	50	73	90	100	105	110	125	120
E	LENGTH WHEN CLOSED	mm	450	615	545	700	645	730	800	810	830	930	890
F	GRIPPING AREA	m ²	0.08	0.12	0.14	0.2	0.2	0.25	0.26	0.28	0.29	0.35	0.36
G	WIDTH	mm	220	200	260	310	280	375	353	420	420	485	472
H	MAX WIDTH	mm	220	270	260	400	295	390	440	430	488	495	540
WEIGHT		kg	25	46	45	77	68	125	122	170	240	250	280
MAX LOAD		kg	350	550	1200	1000	2000	3500	1500	3500	3500	5000	5000
MAX WORKING PRESSURE		Bar	180	200	200	250	250	250	250	250	250	250	250
CYLINDER FORCE		kN	35.3	35.2	35.3	72	71.6	115.5	115.5	115.5	146.2	146.2	180.5
GRIPPING FORCE ARMS TIP		kN	6.3	8.9	7	15	12.1	19.3	27.3	19.2	17.1	25.4	17.1
OPENING TIME 70L/MIN		s	0.14	0.19	0.16	0.44	0.28	0.62	0.6	0.5	0.9	0.8	1
CLOSING TIME 70L/MIN		s	0.2	0.3	0.24	0.66	0.46	0.83	0.98	0.9	1.5	1.3	1.6
ORDER CODE			DG8	DG12	DG14	DG20-1	DG20-2	DG25	DG26	DG28	DG29	DG35	DG36

* Note! The manufacturer reserves the right to make changes in technical specifications.



DG8 / 14 / 20 - 2

DG12 / 20 - 1 / 26

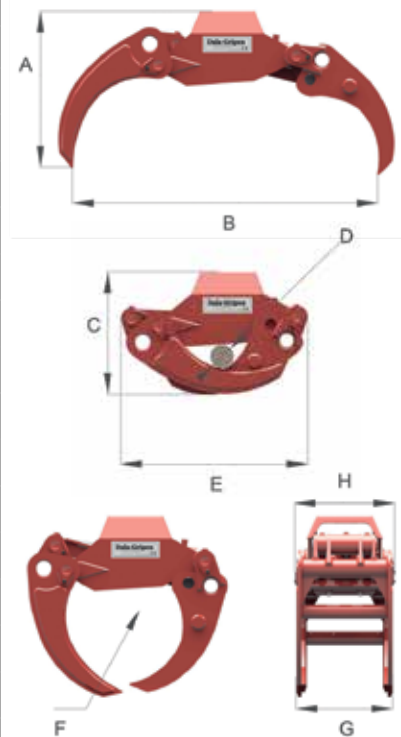
DG25 - 35

DG29 / 36

Grapples designed to take care of bushes, little sediment, twigs and branches. The claws are strong and flexible to make your performance fast and easy.

- Standard grapple construction. Materials used are well known SSAB quality Weldox 700, Strenx 650 Mc, Strenx 700 Mc, with those materials we have achieved higher durability and as light weight as possible of the grapples. Lighter grapple makes excavator or forest machinery to wear out less.
- All connections are accordingly to all manufacturers standard rotator mount locations.
- Except models DGR14 and DGR20, all other models have 2 reaction bars that contributes to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decreases the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed. Except DG20-1 - bronze bushings.
- Short cylinder working track provides fast movement of the grapple - opening/closing.

MODEL			DGR14	DGR20	DGR25	DGR28	DGR29	DGR35	DGR36	DGR42
A	HEIGHT WHEN OPEN	mm	495	415	500	570	695	610	735	680
B	MAX OPENING	mm	1000	1255	1400	1475	1560	1810	1730	2000
C	HEIGHT WHEN CLOSED	mm	350	415	475	520	550	600	570	610
D	MIN GRIPING DIAMETER	mm	65	73	90	105	110	125	120	125
E	LENGTH WHEN CLOSED	mm	545	645	730	810	830	930	890	1045
F	GRIPPING AREA	m ²	0.14	0.2	0.25	0.28	0.29	0.35	0.36	0.42
G	WIDTH	mm	260	280	375	420	434	485	472	490
H	MAX WIDTH	mm	260	295	390	430	488	495	540	500
WEIGHT		kg	45	68	120	170	240	245	278	285
MAX LOAD		kg	1200	2000	3500	3500	3500	5000	5000	5000
MAX WORKING PRESSURE		Bar	200	250	250	250	250	250	250	250
CYLINDER FORCE		kN	35.3	71.6	115.5	115.5	146.2	146.2	180.5	180.5
GRIPPING FORCE ARMS TIP		kN	7	12.1	19.3	19.2	17.1	25.4	17.1	32.8
OPENING TIME 70L/MIN		s	0.16	0.28	0.62	0.5	0.9	0.8	1	1.3
CLOSING TIME 70L/MIN		s	0.24	0.46	0.83	0.9	1.5	1.3	1.6	1.8
ORDER CODE			DGR14	DGR20	DGR25	DGR28	DGR29	DGR35	DGR36	DGR42

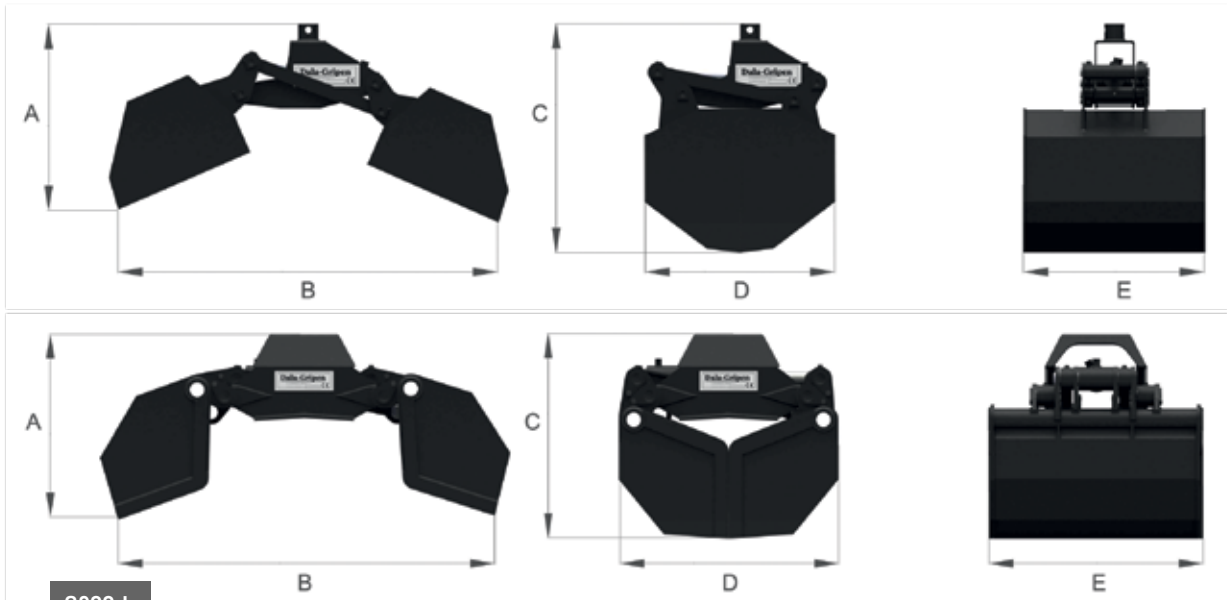


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Clamshell buckets are made on the basis of our successful and proven to be durable design of standard grapple.
Available in 3 most popular sizes, with optimal geometry and perfect construction.
Clamshell buckets can be used on all machinery using the bracket.

G60L / 100 L



G200 L

MODEL		G60L	G100L	G200L	
A	HEIGHT WHEN OPEN	mm	480	485	625
B	MAX OPENING	mm	1210	1335	1535
C	HEIGHT WHEN CLOSED	mm	650	715	760
D	LENGTH WHEN CLOSED	mm	500	580	820
E	MAX WIDTH	mm	406	550	790
CAPACITY		l	60	100	200
WEIGHT		kg	59	78	270
MAX LOAD		kg	500	600	2500
MAX WORKING PRESSURE		Bar	160	160	250
CYLINDER FORCE		kN	49.8	49.8	158.9
GRIPPING FORCE ARMS TIP		kN	8	8	19.2
OPENING TIME 70L/MIN		s	0.3	0.3	0.7
CLOSING TIME 70L/MIN		s	0.5	0.5	1.1
ORDER CODE			G60L	G100L	G200L



G60 L / 100 L



G200 L

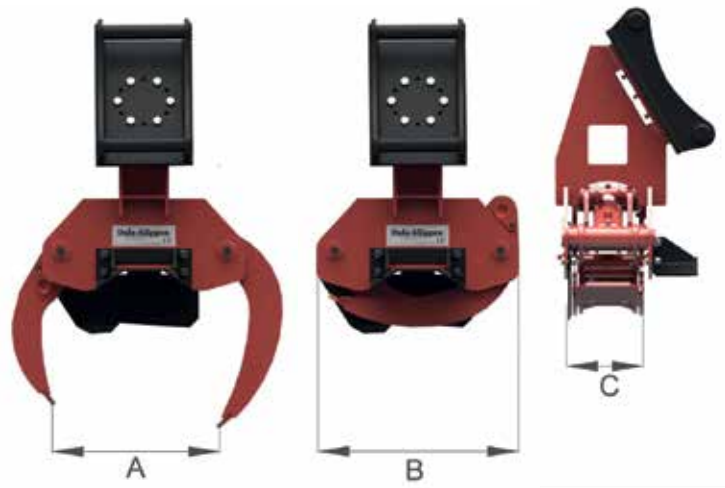
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With DALA-KLIPPEN energy wood gathering is more productive and profitable! Top quality product that allows you to be faster as movement track of the Energy wood grapple has been made precise. Excellent for cutting round wood up to 300mm as well as cutting bushes.

- Standard grapple construction. Materials used are well known SSAB quality Weldom 700, Strenx 650 Mc, HARDOX 450, with those materials we have achieved higher durability and as light weight as possible of the grapples. Lighter grapple makes excavator or forest machinery to wear out less.
- Grapples has additional fastener points where to attach any, specially adjusted coupling. Adapters should be fastened with screws - you can change and use it on different excavators.
- All models have 2 reaction bars and DGC250, DGC300 has two cylinders that contributes to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decreases the wear of grapple.
- Using casting iron bushings which properly operated contributes to much longer life time. Bushings can be changed. Except DGC 250, DGC300 - bronze bushings.
- Strong powerful cylinder that ensures safe cut of materials.
- Passive knife (screwed to the grapple) ensures fast work of excavator as there is no need of additional function during the cutting of wood.
- Passive Knife doesn't need any additional hydraulic connections from excavator.

MODEL		DGC180	DGC250	DGC300
A	MAX OPENING	mm 670	700	900
B	GRAPPLE LENGTH WHEN CLOSED	mm 670	780	950
C	GRAPPLE WIDTH	mm 230	410	440
WEIGHT		kg 185	270	570
MAX WORKING PRESSURE		Bar 250	300	300
REQUIRED OIL FLOW		l/min 25+	60	90
SINGLE CUT		Ømm 150-180	250	300
ORDER CODE		DGC180	DGC250	DGC300

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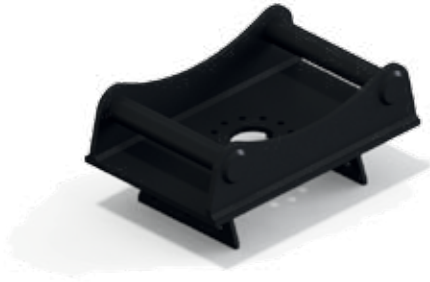
DGC180



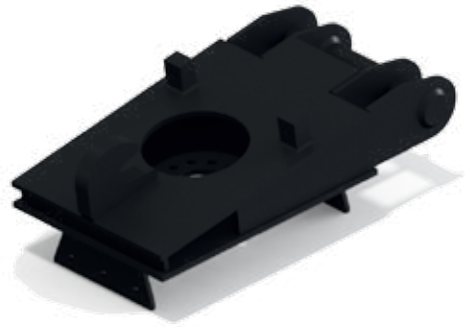
DGC250



DGC300



S60



B20

	DGE12	DGE20	DGE25	DGE28	DGE35	DGE42	DGS12	DGS20	DGS28	DGS35	DGS39	DGS42
S30/150	+	-	-	-	-	-	+	-	-	-	-	-
S30/180	+	+	-	-	-	-	+	+	-	-	-	-
S40	+	+	+	-	-	-	+	+	-	-	-	-
S45	-	+	+	+	+	-	-	+	+	+	-	-
S50	-	+	+	+	+	-	-	+	+	+	-	-
S60	-	-	-	+	+	+	-	-	+	+	+	+
S70	-	-	-	-	+	+	-	-	-	+	+	+
S80	-	-	-	-	+	+	-	-	-	-	+	+
B20	-	-	-	+	+	+	-	-	+	+	+	+
B27	-	-	-	-	+	+	-	-	-	+	+	+

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S60 / DGE 35



S70 / DGS 39

***sit*RIGHT**

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