



ent tonnages and stroke lengths  
 i holes  
 dels to 50 tons  
 e plunger corrosion-resistant  
 ng for long life span  
 ead on the cylinder housing  
 and limits eccentric loads

Accessories  
 Tilling saddles  
 Hydraulic pumps  
 Hydraulic hoses  
 Pressure gauges

51  
 55  
 79  
 98  
 101

comply with customer specifications

	HGC 5 S 2.5	HGC 5 S 5	HGC 5 S 7.5	HGC 5 S 10	HGC 5 S 12.5	HGC 5 S 17.5
art no	100.112.211	100.112.212	100.112.213	100.112.214	100.112.215	100.112.216
max. working pressure	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
<b>tonnage</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>stroke</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>175</b>
<b>closed height</b>	<b>105</b>	<b>130</b>	<b>155</b>	<b>180</b>	<b>206</b>	<b>268</b>
<b>diameter (B)</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
capacity	51 / 5.2	51 / 5.2	51 / 5.2	51 / 5.2	51 / 5.2	51 / 5.2
effective pressure area	7.1	7.1	7.1	7.1	7.1	7.1
required oil content (effective)	18	35	53	71	88	124
connection	A 118	A 118	A 118	A 118	A 118	A 118
cylinder type	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
acting type	single	single	single	single	single	single
return type	spring	spring	spring	spring	spring	spring
material	steel	steel	steel	steel	steel	steel
weight, ready for use	1.1	1.3	1.5	1.7	1.8	2.3

	5	10	10	10	10
<b>tonnage</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>stroke</b>	<b>225</b>	<b>25</b>	<b>25</b>	<b>50</b>	<b>100</b>
<b>closed height</b>	<b>318</b>	<b>97</b>	<b>97</b>	<b>122</b>	<b>172</b>
<b>diameter (B)</b>	<b>40</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
capacity	51 / 5.2	100 / 10.2	100 / 10.2	100 / 10.2	100 / 10.2
effective pressure area	7.1	13.9	13.9	13.9	13.9
required oil content (effective)	159	35	35	69	139
connection	A 118	A 118	A 118	A 118	A 118
cylinder type	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
acting type	single	single	single	single	single
return type	spring	spring	spring	spring	spring
material	steel	steel	steel	steel	steel
weight, ready for use	2.6	2.1	2.1	2.5	3.4

	HGC 10 S 25	HGC 10 S 30	HGC 10 S 35	HGC 10 S 40	HGC 10 S 40
art no	100.112.223	100.112.224	100.112.225	100.112.226	100.112.226
max. working pressure	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
<b>tonnage</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>stroke</b>	<b>250</b>	<b>300</b>	<b>350</b>	<b>400</b>	<b>400</b>
<b>closed height</b>	<b>340</b>	<b>390</b>	<b>440</b>	<b>490</b>	<b>490</b>
<b>diameter (B)</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
capacity	100 / 10.2	100 / 10.2	100 / 10.2	100 / 10.2	100 / 10.2
effective pressure area	13.9	13.9	13.9	13.9	13.9
required oil content (effective)	346	416	485	554	554
connection	A 118	A 118	A 118	A 118	A 118
cylinder type	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
acting type	single	single	single	single	single
return type	spring	spring	spring	spring	spring
material	steel	steel	steel	steel	steel
weight, ready for use	6.4	7.3	8.1	9.0	9.0

	HGC 15 S 10	HGC 15 S 15	HGC 15 S 20	HGC 15 S 25	HGC 15 S 25
art no	100.112.229	100.112.230	100.112.231	100.112.232	100.112.232
max. working pressure	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
<b>tonnage</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>stroke</b>	<b>100</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>250</b>
<b>closed height</b>	<b>198</b>	<b>265</b>	<b>315</b>	<b>365</b>	<b>365</b>
<b>diameter (B)</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>
capacity	171 / 17.4	171 / 17.4	171 / 17.4	171 / 17.4	171 / 17.4
effective pressure area	23.8	23.8	23.8	23.8	23.8
required oil content (effective)	238	356	475	594	594
connection	A 118	A 118	A 118	A 118	A 118
cylinder type	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose



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**IČ: 25358511 DIČ: CZ25358511**



t	15	25	25	25	25	25
mm	400	25	100	150	200	200
mm	515	138	165	215	265	315
mm	70	85	85	85	85	85
kN/t	171 / 17.4	239 / 24.4	239 / 24.4	239 / 24.4	239 / 24.4	239 / 24.4
cm <sup>2</sup>	23.8	33.2	33.2	33.2	33.2	33.2
cc	950	83	166	498	664	664
	A 118	A 118	A 118	A 118	A 118	A 118
	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
	single	single	single	single	single	single
	spring	spring	spring	spring	spring	spring
	steel	steel	steel	steel	steel	steel
kg	11.5	5.5	6.4	8.0	9.4	11.3

	HGC 25 S 25	HGC 25 S 30	HGC 25 S 35	HGC 25 S 45	HGC 35 S 5	HGC 35 S 10
bar/Mpa	100.112.241	100.112.242	100.112.243	100.112.244	100.112.245	100.112.246
t	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
mm	25	25	25	25	35	35
mm	250	300	350	450	50	100
mm	374	424	474	574	184	234
mm	85	85	85	85	100	100
kN/t	239 / 24.4	239 / 24.4	239 / 24.4	239 / 24.4	362 / 36.9	362 / 36.9
cm <sup>2</sup>	33.2	33.2	33.2	33.2	50.3	50.3
cc	830	996	1161	1493	251	503
	A 118	A 118	A 118	A 118	A 118	A 118
	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
	single	single	single	single	single	single
	spring	spring	spring	spring	spring	spring
	steel	steel	steel	steel	steel	steel
kg	13.3	14.9	16.5	19.8	9.3	11.4

	HGC 35 S 15	HGC 35 S 20	HGC 50 S 5	HGC 50 S 10	HGC 50 S 15	HGC 50 S 20
bar/Mpa	100.112.247	100.112.248	100.112.249	100.112.250	100.112.251	100.112.252
t	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
mm	35	35	35	35	35	35
mm	150	200	50	100	150	200
mm	284	334	176	226	276	326
mm	100	100	127	127	127	127
kN/t	362 / 36.9	362 / 36.9	510 / 52	510 / 52	510 / 52	510 / 52
cm <sup>2</sup>	50.3	50.3	70.9	70.9	70.9	70.9
cc	754	1005	354	709	1063	1418
	A 118	A 118	A 118	A 118	A 118	A 118
	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
	single	single	single	single	single	single
	spring	spring	spring	spring	spring	spring
	steel	steel	steel	steel	steel	steel
kg	64.1	64.1	64.1	64.1	64.1	64.1

tonnage	t	50	50	50	75	75
stroke	mm	250	350	350	150	350
closed height	mm	376	476	476	285	485
diameter (B)	mm	127	127	127	147	147
capacity	kN/t	510 / 52	510 / 52	510 / 52	748 / 76.3	748 / 76.3
effective pressure area	cm <sup>2</sup>	70.9	70.9	70.9	103.9	103.9
required oil content (effective)	cc	1772	2481	2481	1558	3635
connection		A 118	A 118	A 118	A 118	A 118
cylinder type		multi purpose	multi purpose	multi purpose	multi purpose	multi purpose
acting type		single	single	single	single	single
return type		spring	spring	spring	spring	spring
material		steel	steel	steel	steel	steel
weight, ready for use	kg	30.1	37.5	37.5	30.9	50.0

specifications	HGC 100 S 15	HGC 100 S 20
art no	100.112.259	100.112.260
max. working pressure	720 / 72	720 / 72
tonnage	t	100
stroke	mm	150
closed height	mm	318
diameter (B)	mm	175
capacity	kN/t	1031 / 105.1
effective pressure area	cm <sup>2</sup>	143.1
required oil content (effective)	cc	2147
connection		A 118
cylinder type		multi purpose
acting type		single
return type		spring
material		steel
weight, ready for use	kg	50.0

