



Orange Peel Grab SMAG 8m³



YEAR: 2012

CAPACITY: 8m³

PILED DENSITY: 3 t/m³

VERY GOOD WORKING CONDITIONS



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Filling volume / admissible lifting capacity

Filling volume [m ³]	Piled density [t/m ³]	adm. lifting capacity / SWL [t]
8,0	3,0	24,0

Bulk material: iron pigs / HBI

Theoretical working times (free in space / without picking up bulk material)

	50 Hz	60 Hz
Opening of grab		8 sec.
Closing of grab		16 – 19 sec.

Electric Data

Mode of operation:	S 6	System of protection:	IP 65
Motor type:	225S-4	Insulation class:	H
Intermittent service:	40 % duty cycle	max. duty classification:	
Motor power:	54 kW	Circuit diagram no.:	2307.9520
Voltage:	400 V	Plug-in connector:	ODU
Frequency:	60 Hz	Control voltage:	220 V – 60 Hz
Current:	threephase		
Rated current:	97 A ± 10 %		

Hydraulic Data

max. service pressure	Opening of grab [± 10 bar]	Closing of grab [± 10 bar]
Measuring point MA		
Measuring point MB		
Measuring point MP		
Measuring point MP1		230
Measuring point MP2	120	
Measuring point MLS		

Pump type:	V30D-140
Control block:	NG30-N / LS
Cylinder size:	125/80x600 stroke
Filled oil quality:	HLP 46 DIN 51524/2
Oil tank capacity:	440 l
Filter type:	E453-278
Filter mesh:	β _{18(c)} = 200 Exapor
Admissible service temperature:	- 5 °C up to + 85 °C