



01.03.2019

Hauke Lutz

Customer Hako
Application CM650
Model Code MP1-P-45R-AM-NNN-AU3-C2-F-G5-S-D19-C-345-345-NN-C-24-D3-RBF-NNN-AF02
Material Number -

	Series	MP1	Product Family MP1
	Product Type	P	Pump, Variable Displacement
A	Displacement & Rotation	45R	45cc/rev, CW rotation
B	Product Version	AM	Product Version "A", Metric ORB Ports
C	Automotive Control and Inching	NNN	Automotive Control
D-F	Controls	AU3	AC-2 (Automotive), GEN 3, 12V, with Angle Sensor, Flashed, Manual Override, w/out
	Orifices	C2	P = NONE, A+B = 1,3mm, TA+TB = NONE
H	Mounting Flange	F	SAE B, 2 Bolt
J	Input Shaft	G5	15T 16/32
T	Filtration	S	Suction
K	Charge Pump and Auxiliary Mounting	D19	12cm ³ /rev Charge Pump, SAE A 11tooth (w/Shipping Cover), Metric
E	Displacement limiter	C	No Limitation, with Nested Springs
M	High pressure Relief Setting A	345	345 bar
N	High pressure Relief Setting B	345	345 bar
Z	POR Setting	NN	No Pressure Over Ride
L	Loop Flushing	C	Loop Flushing with 9 L/min at 20 bar
V	Charge Pressure Relief Setting	24	24 bar
G	System Port Type	D3	System Ports, Split Flange, w/Metric ORB
W	Special Hardware Features	RBF	NFPE Valveplate, CW, 45cc
X	Paint & Nametag	NNN	Black Paint and Standard Nametag
Y	Settings	AF02	Parameter Settings, Customer Specific