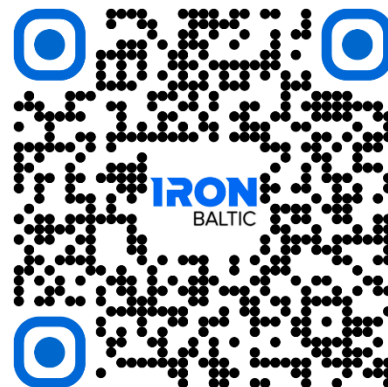




Electrohydraulic cylinder MAP 150

DOWNLOAD MULTILINGUAL
USER MANUAL



<https://code.ironbaltic.com/u/udsuidsr>

Code 70.800

Version 12.02.2026



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

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SPECIFICATION

Pos.	Description	Code	Amount
1	Electrohydraulic cylinder MAP 150	70.800	1

MOTOR SPEC (at.20 ⁰ C)	OUTPUT		250W
	RATED VOLTAGE		DC12V
	CURRENT (max.)	RATED	30A
		RELIEF VALVE OPERATION	40A
	MOTOR PROTECTION		CIRCUIT BRAKE
	RATED TIME		20 sec
RATED FORCE	EXTENSION		8.0 kN
	RETRACTION		6.0 kN
HYDRAULIC OIL			ISO VG32
OPERATING TEMPERATURE RANGE			20 ~ 50 ⁰ c
MOUNTING LENGTH			280±1.5mm
STROKE			150±2mm
CYLINDER SIZE			ø40-ø20



DO NOT REMOVE / ADJUSTS PLUGS AND SCREWS FROM THE CYLINDER! CYLINDER IS PRE-ADJUSTED FROM THE FACTORY!



CYLINDER IS ONLY TO BE USED WITH IRON BALTIC PRODUCTS!

OIL LEVEL CHECK

If your cylinder starts to make unusual noises or starts to move slower than before, then first recommendation is to check the oil level

Step 1 **Extend the cylinder to maximum length!**

Step 2 Place the cylinder on its side on even ground. Carefully open the fill plug.

Step 3 Check the oil level, it should be almost level with the edge of the fill hole.
If needed, add ISO VG32 oil.



DO NOT REMOVE THE FILL PLUG WHEN THE CYLINDER IS IN THE „IN / CLOSED“ POSITION!



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