



Technical Dpt.
ICIGS-001/1.DOT



TECHNICAL PRODUCT SPECIFICATION

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PRODUCT: TYPE "H" CUTTING TORCH

REFERENCE: 758.00.011

Construction characteristics:

DESCRIPTION	Equipment for medium and high performances. It contains all the necessary elements for welding and cutting with gases up to 300 mm.		
GAS USED:	OXYGEN-PROPANE		
APPLICATION STANDARDS:	UNE-EN-ISO-5172	APPROVAL PASSWORD:	05-CBZ-489
APPLICATIONS:	Professional boilerwork and bodywork jobs with large thicknesses and where high calorific powers are necessary. Specific equipment for high performances.		
MATERIALS:	ACCORDING TO EN 29.539		
Handle	BRASS CUZN39PB3	Internal parts	BRASS/STAINLESS STEEL
Adjustment wheels	ANODISED ALUMINIUM	Nozzles	CUPPER(EXT.)/BRASS(INT.)
INLET THREADS:	G1/4"RH / G3/8"LH	HOSE Ø	Ø 6,3 - 8 mm.

CUTTER WEIGHT:	TORCH DIMENSIONS:		
1250 grams			L= 460 mm.
NOZZLE WEIGHT			H= 70 mm.
65 grams			Ø= 46 mm.

Technical characteristics depending on welding nozzle:

Reference	Description	Cut thickness	Welding pressures		Consumptions (L/h)			
			P _{combustible}	P _{oxygen}	Q _{oxygen}	Q _{propane}	Q _{oxygen}	Q _{nat. gas}
756.00.201	Cutting nozzle n° 1	4-9	0,1 bar	2-2,5 bar	915	275	675	205
756.00.202	Cutting nozzle n° 2	9-25	0,15 bar	2,5-3 bar	955	280	730	225
756.00.203	Cutting nozzle n° 3	25-50	0,15 bar	3-3,5 bar	1080	290	830	240
756.00.204	Cutting nozzle n° 4	50-75	0,2 bar	3,5-4 bar	1280	310	900	250
756.00.205	Cutting nozzle n° 5	75-150	0,2 bar	4-4,5 bar	1365	335	1195	320
756.00.206	Cutting nozzle n° 6	150-200	0,25 bar	4,5-5 bar	1500	450	1220	335
756.00.207	Cutting nozzle n° 7	200-300	0,3 bar	5-6 bar	1815	550	1345	340

NOTE: Manufactured upon request in different lengths and coupling threads.