

DESIGN RD 1600

- For use with high pressure spray guns SP 3000 and high pressure lances.
- Dust tight, encapsulated eddy current brake.
- Cooling sleeve.
- Wear resistant rotary action with labyrinth seal.
- Hollow shaft precisely supported by bearings.
- Nozzle inserts recessed in nozzle head.
- With protective cover (against blast back).



Typical applications

- Removing two component paints.
- Grid cleaning.
- Removing road markings from concrete.
- Removing strongly adhered old coatings.
- Cleaning heat exchanger externals.

Technical data

Operating pressure max.:	1600 bar
Flow rate max.:	30 l/min
Pressure loss at 25 l/min:	5 bar
Pump power:	55 - 90 kW
Speed of rotation:	800 - 2000 min ⁻¹
Diameter:	60 mm
Connection A/F:	24 mm
Connection thread:	M 14 x 1,5 LH
No. of nozzles:	2 x design "A" or "B"
Length:	166 mm
Weight approx.:	1.75 kg

For nozzle inserts see reverse.

Accessories	Code no.
Adapter for connection: 9/16 - 18 UNF LH 3/8"	01.05300.0741 01.05320.0256

Code no.
09.00530.2773

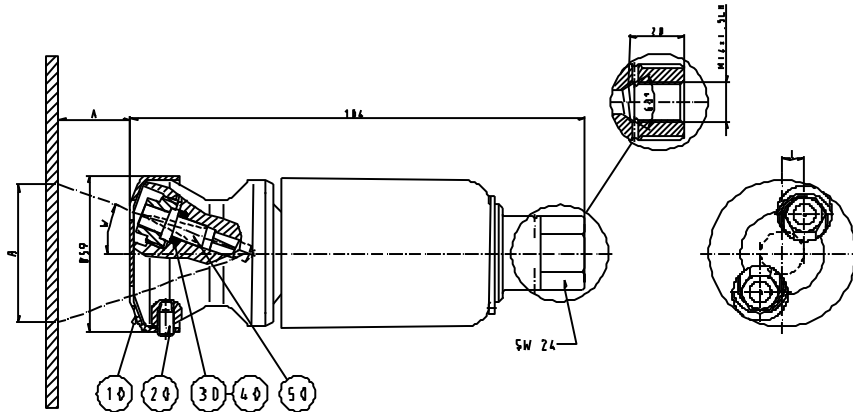


When working with hand held guns or lances the max. permissible axial reaction force is 250 N.

If the reaction force exceeds 150 N, the blasting tool must be fitted with a support device such as a shoulder stock.

ROTORJETS

ACCESSORIES FOR DESIGN RD 1600

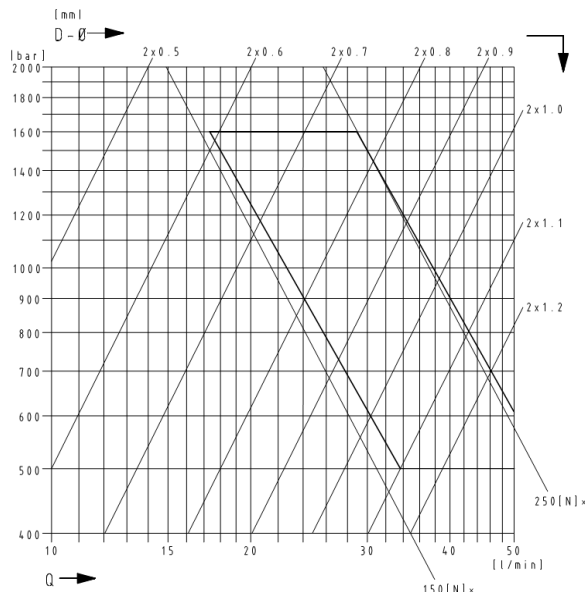


W Nozzle angle	L Nozzle offset [mm]	A Stand off distance [mm]	B Working width [mm]
20°	8	15	48
		45	68
		95	104

Item no.	Qty.	Description	Code no. per single item
10	1	Protection cover	01.02981.0021
20	3	Set screw	02.00894.0107
30	2	O-ring	04.00730.0033
40	2	Support ring	04.00738.0405

Item no.	Nozzle inserts: Design "A", Round jet efficiency factor: 0.95					
50	Code no. 04.05318.0xxx xxx = see table for last 3 digits of code no.					
	Ø [mm]	xxx	Ø [mm]	xxx	Ø [mm]	xxx
	0.6	071	0.9	074	1.2	077
	0.7	072	1.0	075		
	0.8	073	1.1	076		

Nozzle inserts selection and optimum performance range



Example

Parameters

Operating pressure: 1200 bar

Flow rate: 28 l/min

Select

Correct nozzle Ø: 2 x 0.8 mm

- Ø = Nozzle insert dia.
- p = Operating pressure
- Q = Flow rate (without leakage)
- F = Reaction force



Do not exceed right side limit of performance and range:
Danger of overpowering!

For safety rules governing reaction force, see previous page!