ROTORJETS

DESIGN RDM 200

- Designed **for mechanical deployment**
- Stainless steel housing
- Dust tight, encapsulated eddy current brake
- Cooling sleeve
- Wear resistant rotary action with labyrinth seal
- Axial nozzle arrangement. Nozzles can be arranged radially for pipe cleaning

Typical applications

- Cleaning pipes, boilers, furnaces
- Roughening concrete surfaces

Technical data

Operating pressure max.:	1000 bar
Flow rate max.:	160 l/min.
Pressure loss at 60 l/min.:	5 bar
Pump power:	90 - 230 kW
Speed of rotation:	100 - 1500 min^{-1}
Weight approx.:	8 kg
Length:	239 mm
Diameter:	90 mm
Connection A/F:	41 mm
Connection threads:	see left
No. of nozzles:	2

For nozzle inserts see reverse.

Connection thread	Code no.
M 24 x 1.5	**09.00530.2042**
M 36 x 2	**09.00530.2043**

Optional:

Description	Code no.
Sledge (suitable for internal diameter from 125 - 500 mm)	**00.01355.0005**

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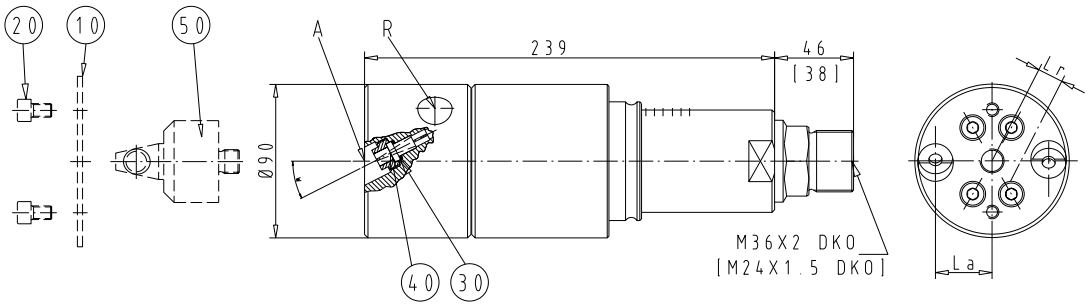
ACCESSORIES FOR DESIGN RDM 200



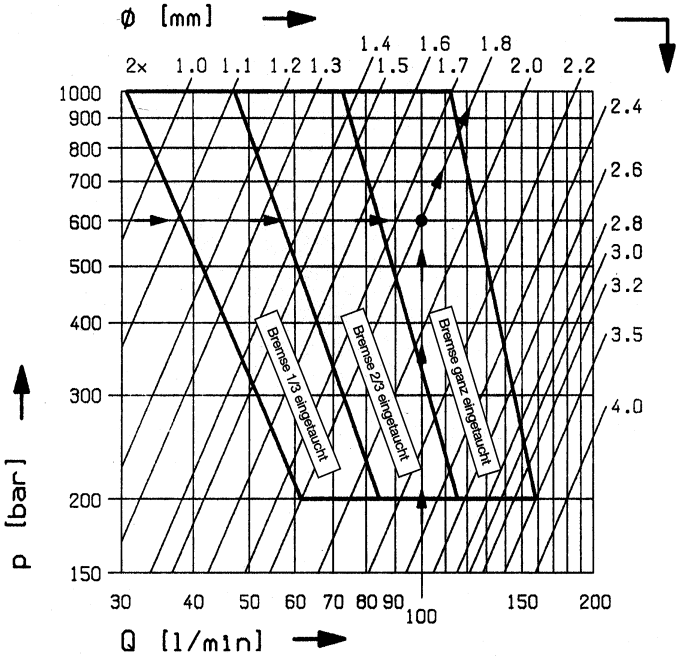
W Nozzle angle	L Nozzle offset (mm)	A	R
27°	33	axial	
90°	15		radial

Item no.	Description	Code no.
10	Protection cover	**01.04397.0004**
20	Screw	**02.00830.0004**
30	O-ring	**04.00730.0033**
40	Nozzle inserts	**04.05318.0xxx**
50	Pulling mech.	**00.06048.0010***

* to be used solely with radial nozzles.
(see “R” above)

Item no.	Nozzle inserts: Design “A”, Round jet efficiency factor: 0.95 Code no. 04.05318.0xxx xxx = see table for last 3 digits of code no.								
	Ø (mm)	xxx	Ø (mm)	xxx	Ø (mm)	xxx	Ø (mm)	xxx
40	1,0	**075**	1,7	**081**	2,4	**027**	3,1	**091**
	1,1	**076**	1,8	**022**	2,5	**085**	3,2	**092**
	1,2	**077**	1,9	**082**	2,6	**086**	3,3	**093**
	1,3	**078**	2,0	**023**	2,7	**087**	3,4	**094**
	1,4	**079**	2,1	**083**	2,8	**088**	3,5	**095**
	1,5	**025**	2,2	**026**	2,9	**089**		
	1,6	**080**	2,3	**084**	3,0	**090**		

Nozzle insert selection and optimum performance range



Example
Parameters:
Operating pressure: 600 bar
Flow rate: 100 l/min
Select:
Correct nozzle Ø: 2 x 1.8 mm
Brake fully engaged

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

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

For safety rules governing reaction force, see previous page!

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