



NOTRON PIPELINE

PIG SPARE PARTS DATASHEET



Guide Disc Specifications	Standart	Limits
Hardness, Shore A	DIN 53505	≥85
Abrasion Resistance mm ³	ISO 4649	≤25
Pulling Force N/mm ²	ISO 37	≥45
Tearing Force N/mm ²	ISO 34-1	≥45
Elongation At Break %	ISO 37	≥400

cup disc specifications	Standart	Limits
Hardness, Shore A	DIN 53505	≥85
Abrasion Resistance mm ³	ISO 4649	≤25
Pulling Force N/mm ²	ISO 37	≥45
Tearing Force N/mm ²	ISO 34-1	≥45
Elongation At Break %	ISO 37	≥400

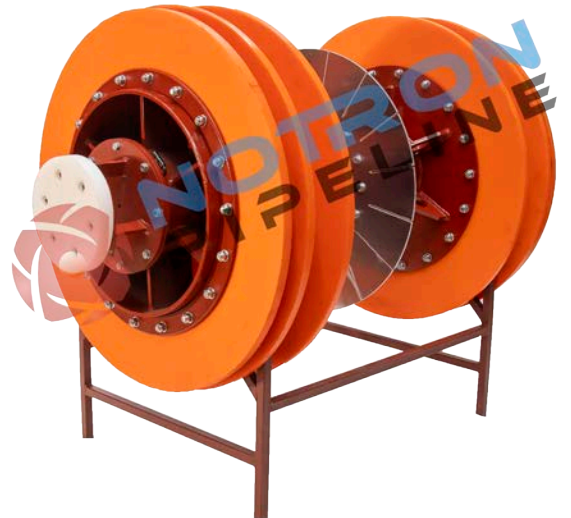
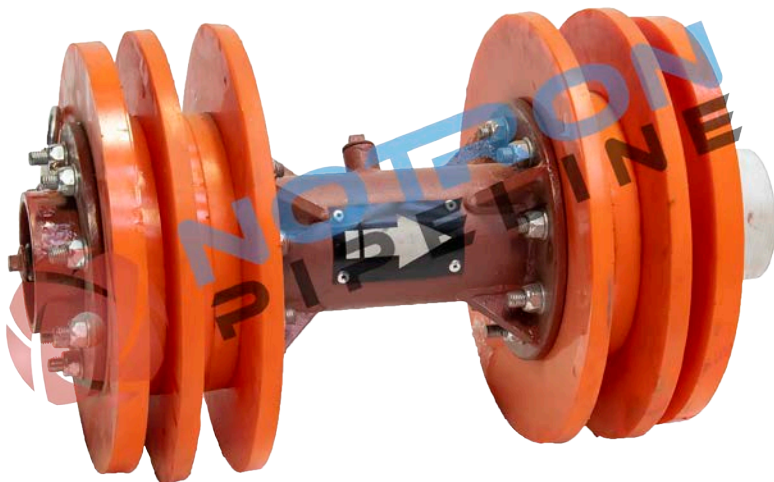
cup disc specifications	Standart	Limits
Hardness, Shore A	GOST 263	85±5
Relative yield strength at ³ 100%, min	GOST 270	5,5
Tensile strength, min	GOST 270	40
Elongation at break, min	GOST 270	470
Ultimate tensile strength, min	GOST 262	45

Spacer Disc Specifications	Standart	Limits
Hardness, Shore A	DIN 53505	≥85
Abrasion Resistance mm ³	ISO 4649	≤25
Pulling Force N/mm ²	ISO37	≥45
Tearing Force N/mm ²	ISO 34-1 Method B	≥45
Elongation At Break %	ISO 37	≥400

Sling Disc Specifications	Standart	Limits
Hardness, Shore A	DIN 53505	≥65
Abrasion Resistance mm ³	ISO 4649	≤20
Pulling Force N/mm ²	ISO37	≥30
Tearing Force N/mm ²	ISO 34-1 Method B	≥20
Elongation At Break %	ISO 37	≥450

Sling disc specifications	Standart	Limits
Hardness, Shore A	GOST 263	85±5
Relative yield strength at ³ 100%, min	GOST 270	5,5
Tensile strength, min	GOST 270	40
Elongation at break, min	GOST 270	470
Ultimate tensile strength, min	GOST 262	45





For M/r. D-1020 mm (40°)
For M/r. D-1020 mm (56°)
Disc D 1400 mm (56°)
Lip seal D 1400 mm (56°)
Disc D 1200 mm (48°)
Lip seal D 1200 mm (48°)
Disc D 1000 mm (40°)
Lip seal D 1000 mm (40°)
Disc D 530 mm (20°)
Lip seal D 530 mm (20°)

No	Item name	Q-ty
1	Body (metal)	1
2	Support disc	2
3	Polyurethane Cup	2
4	Metal insert (100 MM with ring)	2
5	Flange (clamping)	2
6	Stud	32
7	Nut M20	128

Parameter Name	value
Pipeline working medium	1020 mm
pipe outer diameter (DN)	908 mm (%89 of DN)
minimum internal pipe diameter, cleared by the pig	1,5 DN
minimum turning radius of pipeline axis to angle of 90 deg, cleared by the pig	From -20 C to +65 C
ambient temprature range when pig kicking	From -20 C to +45 C
working medium pressure (max.)	10 Mpa
Pig speed, max	15 km/h
pig length	1500mm
pig diameter	1020mm

