



Product information:

- ▶ Torque up to 247 Nm
- ▶ Rapid cycle times
- ▶ Positive force transfer by means of a keyed shaft (from size PRN30)
- ▶ Shaft forged from one piece
- ▶ Maintenance free up to 1.5 million cycles

Versions:

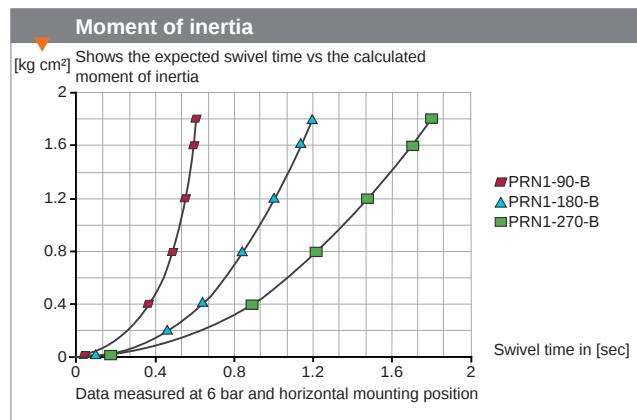
e.g. order no.: PRN30 -B

- | | |
|-----|---------------------|
| 90 | ▶ Swivel angle 90° |
| 100 | ▶ Swivel angle 100° |
| 180 | ▶ Swivel angle 180° |
| 280 | ▶ Swivel angle 280° |

► Installation size: **PRN1**

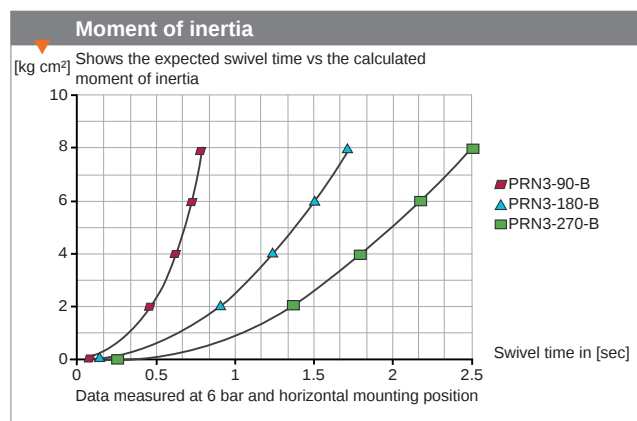
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [Nm]
29	46	30	3

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN1-90-B	0.15	90	40
PRN1-180-B	0.15	180	40
PRN1-270-B	0.15	270	40

► Installation size: **PRN3**

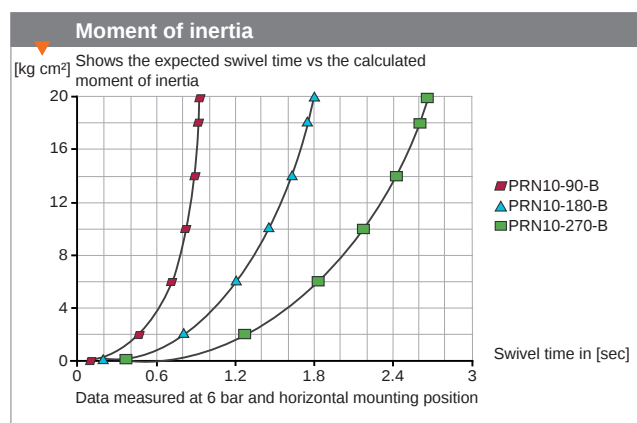
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
36.5	55	40	4

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN3-90-B	0.38	90	70
PRN3-180-B	0.38	180	70
PRN3-270-B	0.38	270	70

► Installation size: **PRN10**

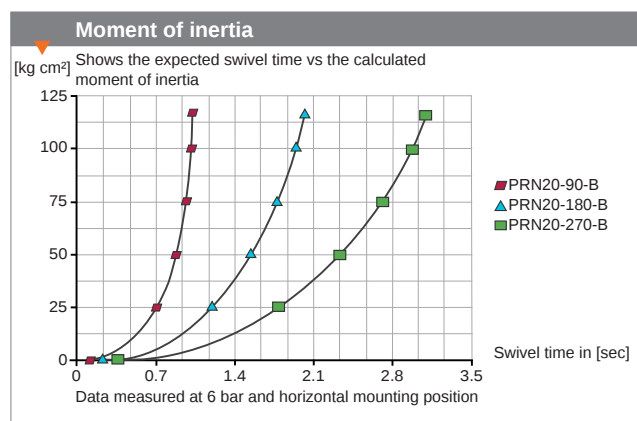
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
42.5	73	50	4

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN10-90-B	1.2	90	140
PRN10-180-B	1.2	180	140
PRN10-270-B	1.2	270	140

► Installation size: **PRN20**

Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
49.5	93.5	300	25

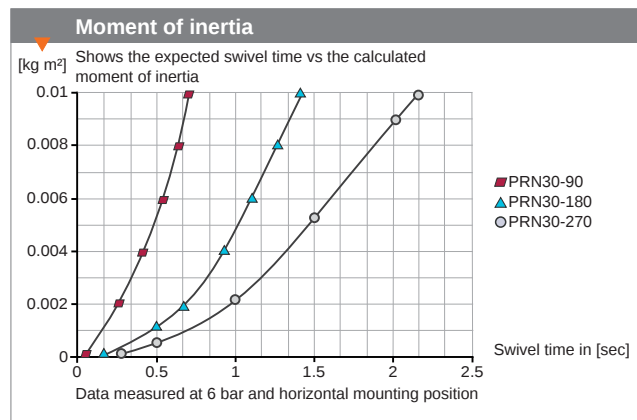
Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN20-90-B	2.1	90	250
PRN20-180-B	2.1	180	250
PRN20-270-B	2.1	270	250



► Installation size: **PRN30**

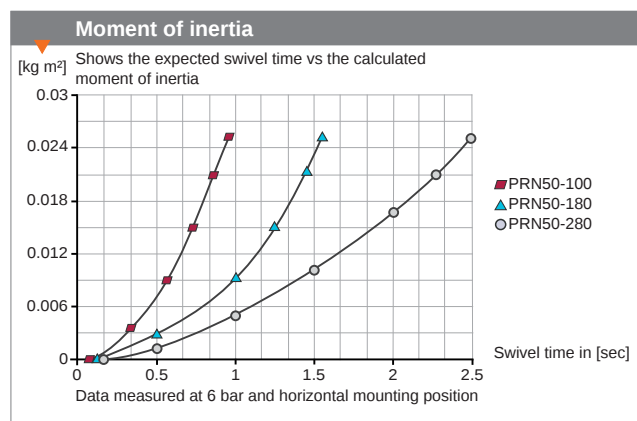
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
64	105	400	30

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN30-90	4.1	90	500
PRN30-180	4.1	180	500
PRB30-270	4.1	270	500

► Installation size: **PRN50**

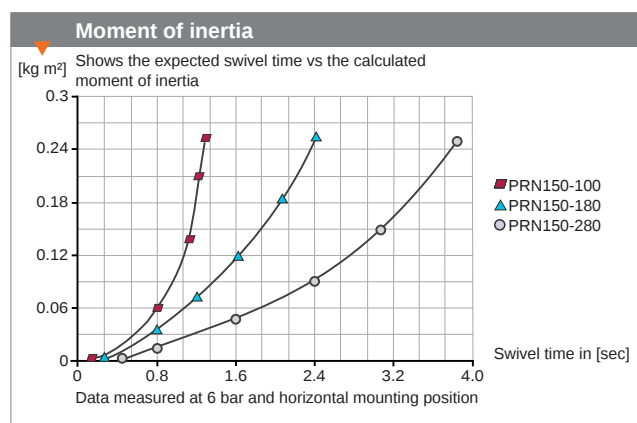
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
79	145	590	44

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN50-100	12.8	100	800
PRN50-180	5.9	180	750
PRN50-280	5.9	280	750

► Installation size: **PRN150**

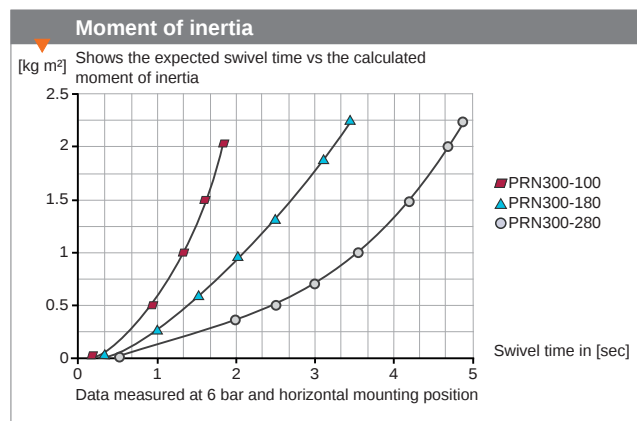
Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
110	180	1170	88

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN150-100	41.5	100	1900
PRN150-180	18	180	1900
PRN150-280	18	280	1600

► Installation size: **PRN300**

Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
141.5	220	1960	147

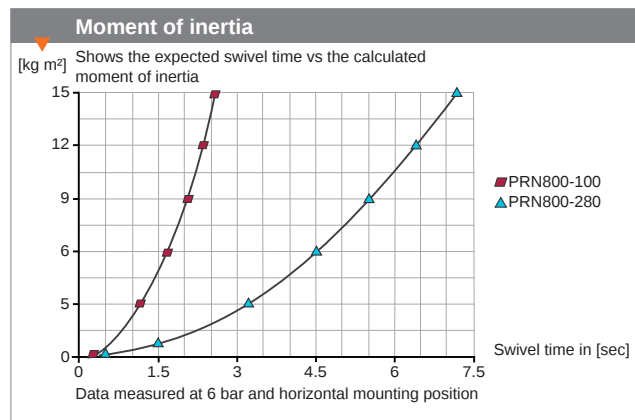
Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN300-100	83	100	4100
PRN300-180	34.5	180	3700
PRN300-280	34.5	280	3600

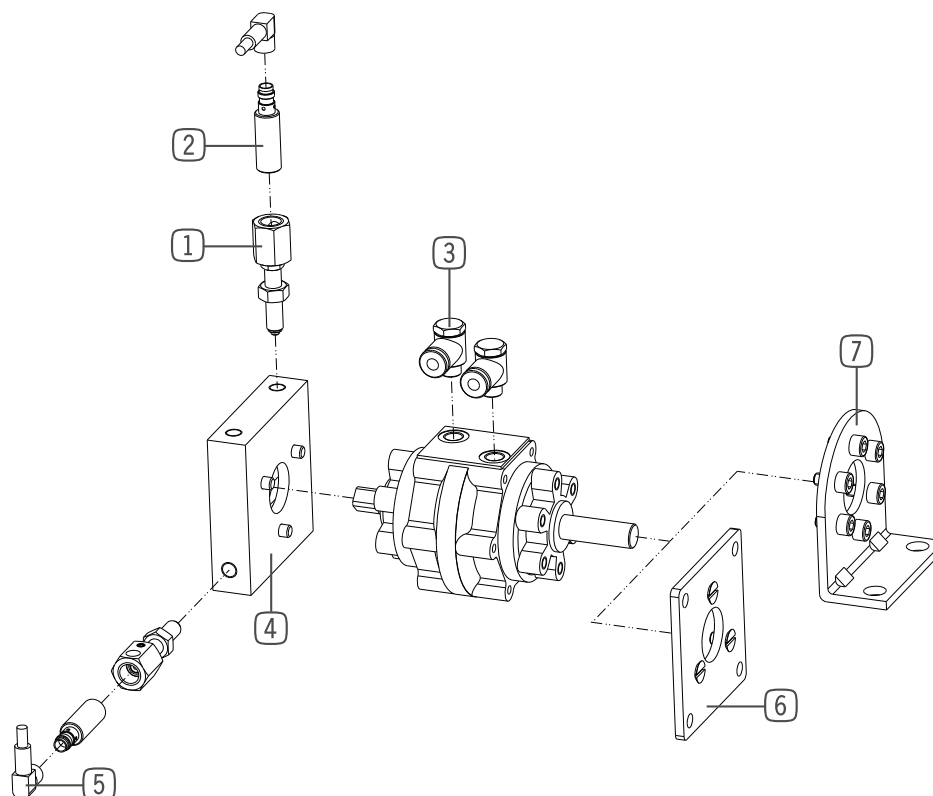


▶ Installation size: **PRN800**

Dimension		Forces and moments	
Ø [mm]	H [mm]	Fz [N]	Fy [N]
196	285	4900	490

Technical Data*			
Order no.	Torque [Nm]	Swivel angle [°]	Weight [g]
PRN800-100	247	100	12500
PRN800-280	123	280	11000





Recommended accessories:

① Stop confirmation screw

To match	Order no.:
PRN10	AI-M8X1-38
PRN20	AI-M8X1-38
PRN30	AI-M8X1-38
PRN50	AI-M8X1-38
PRN150	AI-M10X1-70
PRN300	AI-M10X1-70

② Inductive proximity switch

Version: Cable 5 m	
To match	Order no.:
PRN1	NJ3-E2-02
PRN3	NJ3-E2-02
PRN10	NJ12-E2
PRN20	NJ12-E2
PRN30	NJ12-E2
PRN50	NJ12-E2
PRN150	NJ12-E2
PRN300	NJ12-E2
Version: Connector M12	
To match	Order no.:
PRN10	NJ12-E2S
PRN20	NJ12-E2S
PRN30	NJ12-E2S
PRN50	NJ12-E2S
PRN150	NJ12-E2S
PRN300	NJ12-E2S

③ Pneumatic fittings

Version: Angle	
To match	Order no.:
PRN1	WVM5
PRN3	WVM5
PRN10	WVM5
PRN20	WVM5
PRN30	WV1/8X6
PRN50	WV1/8X6
PRN150	WV1/4X8
Version: Straight	
To match	Order no.:
PRN1	GVM5
PRN3	GVM5
PRN10	GVM5
PRN20	GVM5
PRN30	GV1/8X6
PRN50	GV1/8X6
PRN150	GV1/4X8
PRN300	GV3/8X13ID
PRN800	GV1/2X13ID

④ Rotation limiter

To match	Order no.:
PRN1	DB1-B
PRN3	DB3
PRN10	DB10
PRN20	DB20
PRN30	DB30
PRN50	DB50
PRN150	DB150
PRN300	DB300

5 Plug-in connector

Version: Angle / Cable 5 m / Socket M8 (female)

To match	Order no.:
for all	KAW500

Version: Straight / Cable 5 m / Socket M8 (female)

To match	Order no.:
for all	KAG500

6 Flange

To match	Order no.:
PRN1	F1-P
PRN3	F3-P
PRN10	F10-P
PRN20	F20-P
PRN30	F30-P
PRN50	F50-P
PRN150	F150-P

7 Angle flange

To match	Order no.:
PRN1	F1-LB
PRN3	F3-LB
PRN10	F10-LB
PRN20	F20-LB
PRN30	F30-LB
PRN50	F50-LB
PRN150	F150-LB
PRN300	F300-LB

Supplementary accessories:**Flow control valves**

Version: Angle

To match	Order no.:
PRN1	DRVM5X4
PRN3	DRVM5X4
PRN10	DRVM5X4
PRN20	DRVM5X4
PRN30	DRV1/8X6
PRN50	DRV1/8X6
PRN150	DRV1/4X8

Version: Block

To match	Order no.:
PRN300	DRV1/4I
PRN800	DRV1/4I

Pressure safety valve

To match	Order no.:
for all	DSV1/8

Plug-in connector to convert

Version: Straight / 3-pole / Connector M8

To match	Order no.:
for all	S8-G-3

8 Oil damper*

To match	Order no.:
PRN50	CRN50
PRN150	CRN150
PRN300	CRN300

9 Oil damper for pneumatic rotor

Version: 90°

To match	Order no.:
PRN50	A50-90
PRN150	A150-90
PRN300	A300-90

Version: 100°

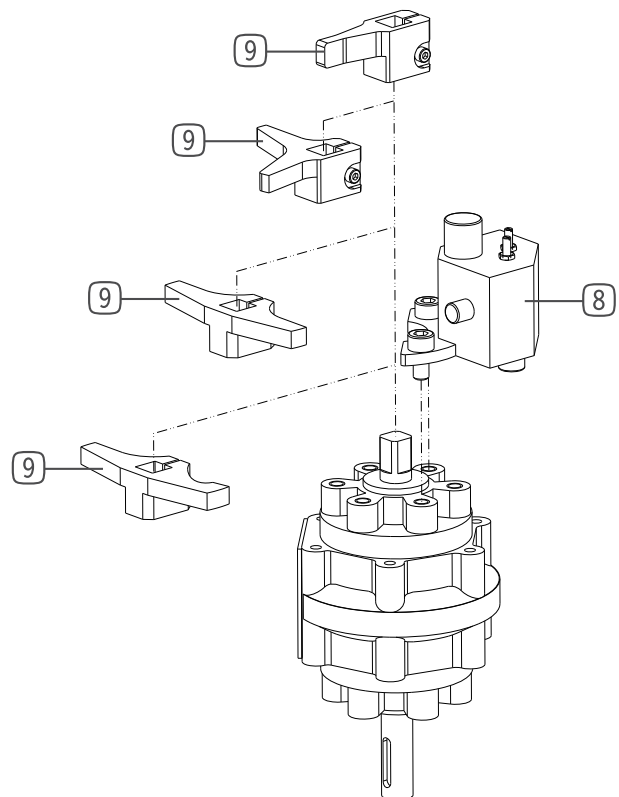
To match	Order no.:
PRN50	A50-100
PRN150	A150-100
PRN300	A300-100

Version: 180°

To match	Order no.:
PRN50	A50-180
PRN150	A150-180
PRN300	A300-180

Version: 280°

To match	Order no.:
PRN50	A50-280
PRN150	A150-280
PRN300	A300-280



* not appropriate for PRN50-100 / PRN150-100 / PRN300-100