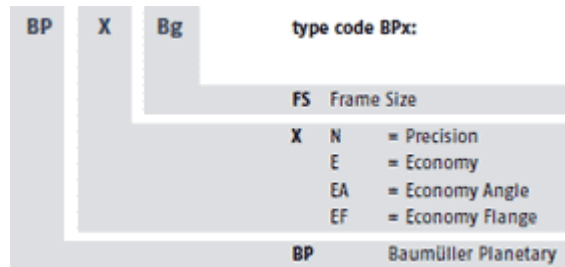


In connection with our [standard DS/DSD servo drives](#), the BPx planetary gear range is optimally suitable for applications that require maximum standards of torque and dynamics. In combination with a high number of transmission ratio gradings, almost any possible combination of motor and gear allow an optimal adaptation of customized application.

Two versions with different configuration options are available

The **BPN** series is the gearbox solution for high-technology applications and reflects a perfect combination of innovation, efficiency, and cost effectiveness.

The **BPE** series is used in applications where extremely low torsional backlash is not required.



Planetary Gearing Range: BPN Precision series

BPN is a precision gearbox for connection to standard flanged ends and shaft ends of the Baumüller DS, DSD, and DSC motor series.



BPN



Technical data Planetary Gearing Range BPN

	BPN 36	BPN 45	BPN 56	
M0 [Nm]	77	150	300	
ninput max [min-1]	14000	10000	8500	
i	3-100	3-100	3-100	
	BPN 36	BPN 45	BPN 56	
M0 [lbf ft]	57	111	221	

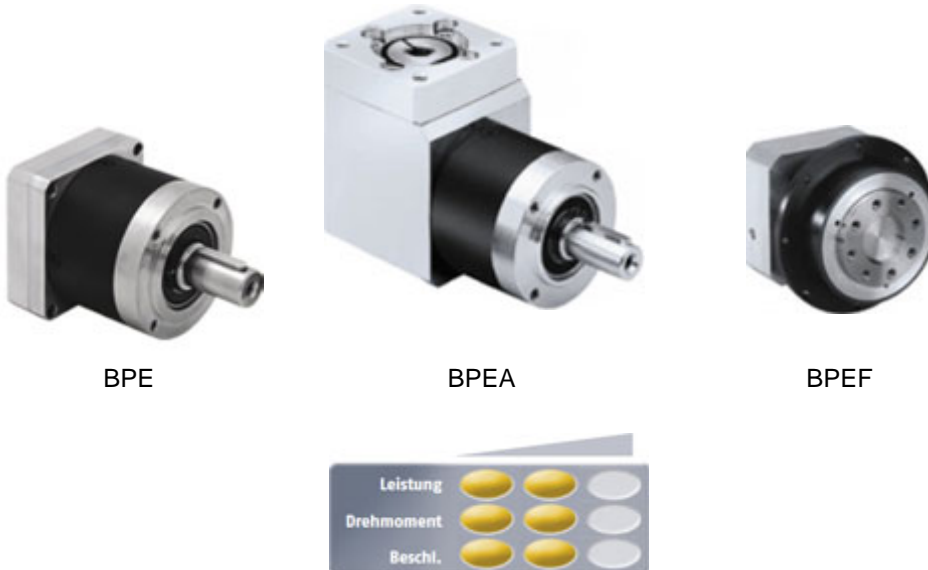
ninput max [min-1]	14000	10000	8500	6500	
i	3-100	3-100	3-100	3-100	

Subject to alterations. The stated data are maximum values.

For details please have a look in the technical documentations.

Technical data Planetary Gearing: Economy series BPE

The Economy version (standard, angled, or fl angled) is available for simple applications with less stringent torque and speed requirements.



Technical data Planetary Gearing Range BPE

	BPE 20	BPE 30	BPE 30/35	BPE 40	BPE 40/45	E
MN2 [Nm]	20	44	44	130	130	
ninput max [min-1]	18000	13000	13000	7000	7000	
i	3-512	3-512	3-512	3-512	3-512	
	BPE 20	BPE 30	BPE 30/35	BPE 40	BPE 40/45	E
MN2 [lbf ft]	14,8	32,5	32,5	95,9	95,9	

ninput max [min-1]	18000	13000	13000	7000	7000	6500	6500
i	3-512	3-512	3-512	3-512	3-512	3-512	3-512

Subject to alterations. The stated data are maximum values.

For details please have a look in the technical documentations.

Technical data Planetary Gearing Range BPEA

	BPEA 20	BPEA 30	BPEA 40	BPEA 40/45
MN2 [Nm]	20	44	130	130
ninput max [min-1]	18000	13000	7000	7000
i	3-512	3-512	3-512	3-512
	BPEA 20	BPEA 30	BPEA 40	BPEA 40/45
MN2 [lbf ft]	14,8	32,5	95,9	95,9
ninput max [min-1]	18000	13000	7000	7000
i	3-512	3-512	3-512	3-512

Subject to alterations. The stated data are maximum values.

For details please have a look in the technical documentations.

Technical data Planetary Gearing Range BPEF

	BPEF 35	BPEF 40
MN2 [Nm]	44	130
ninput max [min-1]	13000	7000
i	3-64	3-64
	BPEF 35	BPEF 40
MN2 [lbf ft]	32,5	95,9
ninput max [min-1]	13000	7000

Subject to alterations. The stated data are maximum values.

For details please have a look in the technical documentations.