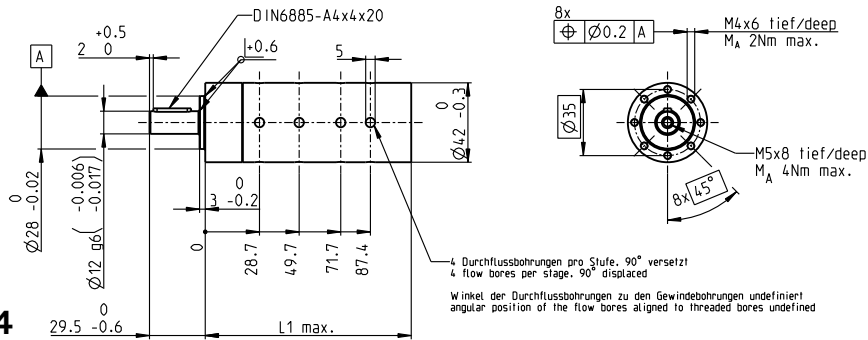


Planetary Gearhead GP 42 HD Ø42 mm, 10.0–50.0 Nm

Heavy Duty – for application in oil



M 1:4

Technical data

Planetary Gearhead	straight teeth
Output shaft	stainless steel
Bearing at output	ball bearing
Radial play, 12 mm from flange	max. 0.05 mm
Axial play	max. 0.2 mm
Max. axial load (dynamic)	250 N
Max. force for press fits	450 N
Direction of rotation, drive to output	=
Max. continuous input speed	< 8000 rpm
Recommended temperature range	-55...+200°C
Extended range as option	-55...+260°C
Number of stages	1 2 3 4
Max. radial load, 12 mm from flange	250 N 480 N 720 N 720 N

- ☒ Stock program
☐ Standard program
☐ Special program (on request)

Part numbers

Gearhead data (provisional)

		454742	454744	454745	476936	454280	476945	476949
1 Reduction		3.5:1	12:1	43:1	81:1	150:1	285:1	441:1
2 Absolute reduction		7/2	49/4	343/8	2197/27	2401/16	15379/64	441/1
10 Mass inertia	gcm ²	17.5	29	35.5	23.9	41.3	33.1	30.6
3 Max. motor shaft diameter	mm	10	10	10	8	10	8	10
Part numbers		476927	476928	476933	476937	476942	476946	476950
1 Reduction		4.3:1	15:1	53:1	91:1	186:1	319:1	488:1
2 Absolute reduction		13/3	9/6	637/12	9/1	4459/24	637/2	4394/9
10 Mass inertia	gcm ²	11.1	23.3	31.8	25.4	37.6	34.2	26.3
3 Max. motor shaft diameter	mm	8	8	10	8	10	10	8