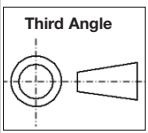
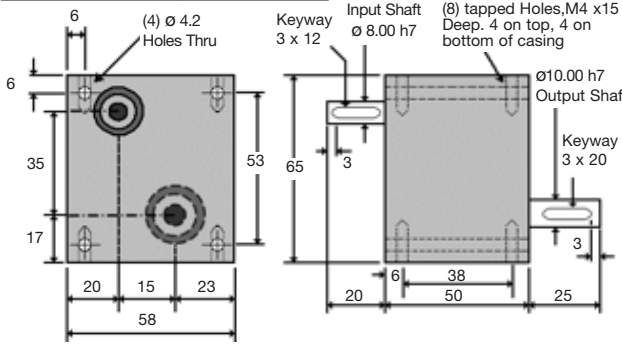
HPCPP35 Double Reduction, Worm Gear Reducers

WEIGHT	0.7 Kg
BACKLASH (approx.)	2° approx
HOURS LIFE	12000 hr
MAX INPUT SPEED	3000 rpm
MATERIAL:	
CASE MAT'L	Aluminium HE30TF
WORM MAT'L	817M40 (EN24)
WHEEL MAT'L	Alum. Bronz (AB2)
GREASED FOR LIFE	Shell Gadus





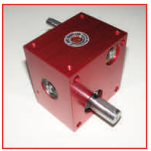
N.m. Output Torque	RPM Input	Reduction ratio 100:1	200:1	400:1
	3000	2.2	2.3	2.5
	2000	2.5	2.7	2.8
	1000	2.8	3.0	3.1
	500	3.1	3.5	3.6
	100	3.8	3.9	4.0
	50	3.9	4.0	4.0
	10	4.0	4.1	4.1

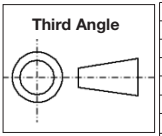
DISCOUNTS	
1 - 5	List Price
6 - 19	-5%
20 - 49	-10%
50 - 99	-15%
100 +	-20%

PART NUMBER	Ratio	% Effi. @ 1000 rpm	Max Input Speed	Max Output RPM	Self Locking Output	PRICE EACH 1-5
HPCPP35-100	100:1	52	3000	30.0	NO	**£292.13**
HPCPP35-200	200:1	45	3000	15.0	NO	**£292.13**
HPCPP35-400	400:1	34	3000	7.5	YES	**£292.13**
HPCPP35-SP	Standard Ratios: Replace **SP** with required ratio					**£341.86**

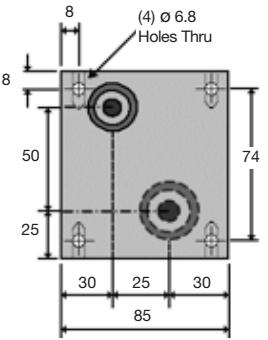
Other Info.
Testing in your application is necessary.
You will need to assess duty, cycles and confirm gearbox suitability with your own calculations.
Torque figures are to be used for guidance only.

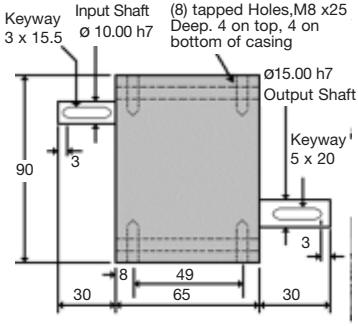
Double Reduction, Worm Gear Reducers — HPCPP50





WEIGHT	1.8 Kg
BACKLASH (approx.)	2° approx
HOURS LIFE	12000 hr
MAX INPUT SPEED	3000 rpm
MATERIAL:	
CASE MAT'L	Aluminium HE30TF
WORM MAT'L	817M40 (EN24)
WHEEL MAT'L	Alum. Bronz (AB2)
GREASED FOR LIFE	Shell Gadus





N.m. Output Torque — RPM Input	Reduction ratio 100:1	200:1	400:1
3000	6.5	7.1	8.2
2000	7.2	7.8	8.9
1000	6.2	9.0	9.8
500	9.5	10.2	11.5
100	11.0	11.6	12.2
50	12.0	12.3	12.6
10	12.7	12.8	12.8

DISCOUNTS	
1 - 5	List Price
6 - 19	-5%
20 - 49	-10%
50 - 99	-15%
100 +	-20%

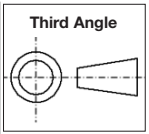
PART NUMBER	Ratio	% Effi. @ 1000 rpm	Max Input Speed	Max Output RPM	Self Locking Output	PRICE EACH 1-5
HPCPP50-100	100:1	54	3000	30.0	NO	**£341.86**
HPCPP50-200	200:1	48	3000	15.0	NO	**£341.86**
HPCPP50-400	400:1	36	3000	7.5	YES	**£341.86**
HPCPP50-SP	Standard Ratios: Replace **SP** with required ratio					**£388.48**

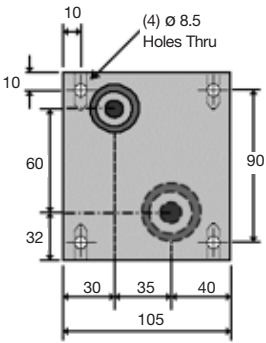
Other Info.
Testing in your application is necessary.
You will need to assess duty, cycles and confirm gearbox suitability with your own calculations.
Torque figures are to be used for guidance only.

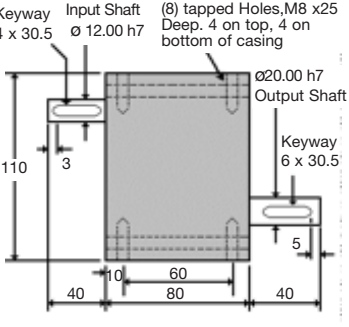
HPCPP60 Double Reduction, Worm Gear Reducers

WEIGHT	3.3 Kg
BACKLASH (approx.)	2° approx
HOURS LIFE	12000 hr
MAX INPUT SPEED	3000 rpm
MATERIAL:	
CASE MAT'L	Aluminium HE30TF
WORM MAT'L	817M40 (EN24)
WHEEL MAT'L	Alum. Bronz (AB2)
GREASED FOR LIFE	Shell Gadus

Third Angle







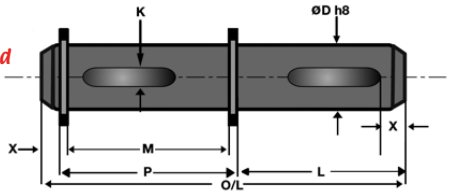
N.m. Output Torque	RPM Input	Reduction ratio 100:1	200:1	400:1
	3000	17.8	19.4	22.5
	2000	20.0	21.6	24.8
	1000	22.5	25.0	26.8
	500	26.1	28.0	31.6
	100	30.5	32.0	34.0
	50	33.0	34.0	34.0
	10	34.0	34.1	34.1

DISCOUNTS	
1 - 5	List Price
6 - 19	-5%
20 - 49	-10%
50 - 99	-15%
100 +	-20%

PART NUMBER	Ratio	% Effi. @ 1000 rpm	Max Input Speed	Max Output RPM	Self Locking Output	PRICE EACH 1-5
HPCPP60-100	100:1	55	3000	30.0	NO	**£432.00**
HPCPP60-200	200:1	50	3000	15.0	NO	**£432.00**
HPCPP60-400	400:1	37	3000	7.5	YES	**£432.00**
HPCPP60-SP	Standard Ratios: Replace **SP** with required ratio					**£536.11**

Other Info.
Testing in your application is necessary.
You will need to assess duty, cycles and confirm gearbox suitability with your own calculations.
Torque figures are to be used for guidance only.

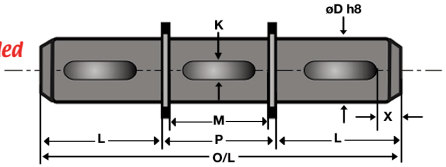
HPCP-X Single Sided



DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100+
	List Price	-10%	-15%	-20%	-25%	-30%

PART NUMBER	ØD	O/L	M	P	X	L	K	PRICE EACH 1-5
SINGLE SIDED								
HPCP20-X	6	50.80	22	23.60	3.00	25	K2 x 22	**£15.25**
HPCP30-X	8	63.90	28	29.80	3.00	32	K2 x 22	**£18.11**
HPCP40-X	10	76.60	32	34.20	3.50	40	K3 x 20	**£20.35**
HPCP45-X	12	88.10	38	40.20	4.00	45	K4 x 25	**£21.73**
HPCP55-X	15	101.10	46	48.20	4.00	50	K5 x 30	**£24.19**
HPCP60-X	20	119.80	54	56.60	4.50	60	K6 x 32	**£28.30**
HPCP70-X	25	135.80	60	62.60	4.50	70	K8 x 40	**£32.24**

HPCP-DX Double Sided



PART NUMBER	ØD	O/L	M	P	X	L	K	PRICE EACH 1-5
DOUBLE SIDED								
HPCP20-DX	6	73.60	22	23.60	1.50	25	K2 x 22	**£20.30**
HPCP30-DX	8	93.80	28	29.80	5.45	32	K2 x 22	**£22.29**
HPCP40-DX	10	114.20	32	34.20	9.90	40	K3 x 20	**£24.69**
HPCP45-DX	12	130.20	38	40.20	4.00	45	K4 x 25	**£28.21**
HPCP55-DX	15	148.20	46	48.20	9.90	50	K5 x 30	**£30.10**
HPCP60-DX	20	176.60	54	56.60	4.50	60	K6 x 32	**£35.13**
HPCP70-DX	25	202.50	60	62.60	4.50	70	K8 x 40	**£39.90**

Material: 303 Stainless Steel, includes Steel Keys & Circlips.