

4

3

2

1

TECHNICAL DETAILS (SI UNITS)								
GEAR RATIO	4:1	5:1	7:1	10:1	15:1	25:1	60:1	100:1
LENGTH (DIM. L)[mm]	78	78	78	78	90.5	90.5	103	103
INPUT SPEED [RPM]	4500	4500	4500	4500	4500	4500	4500	4500
WEIGHT (APPROX.) [kg]	0.95	1.0	0.95	0.9	1.15	1.15	1.35	1.35
IP RATING	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
TORQUE - NOM. UNIDIRECTIONAL [N-m]	38	40	25	15	44	40	44	44
TORQUE - NOM. BIDIRECTIONAL [N-m]	31	31	25	15	31	31	31	31
TORQUE - MAX OUTPUT [N-m]	61	64	40	24	70	64	70	70
MOMENT OF INERTIA [g-cm ²]	112	100	90	85	97	95	96	95
WORKING TEMPERATURE [°C]	-25 TO 90	-25 TO 90	-25 TO 90	-25 TO 90	-25 TO 90	-25 TO 90	-25 TO 90	-25 TO 90
BACKLASH [arcmin]	<10	<10	<10	<10	<12	<12	<15	<15
TORSIONAL STIFFNESS [N-m/arcmin]	2.4	2.5	2.3	2.0	2.4	2.5	2.5	2.5
EFFICIENCY [%]	98	98	97	96	96	95	92	90
SAP #	4332401001752	4332401001757	4332401001763	4332401001771	4332401001776	4332401001787	4332401001795	4332401001800

TECHNICAL DETAILS (IMPERIAL UNITS)								
GEAR RATIO	4:1	5:1	7:1	10:1	15:1	25:1	60:1	100:1
LENGTH (DIM. L)[in.]	3.071	3.071	3.071	3.071	3.563	3.563	4.055	4.055
INPUT SPEED [RPM]	4500	4500	4500	4500	4500	4500	4500	4500
WEIGHT (APPROX.) [lb]	2.1	2.2	2.1	2.0	2.5	2.5	3.0	3.0
IP RATING	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
TORQUE -NOM. UNIDIRECTIONAL [in-lb]	336	354	221	132	389	354	389	389
TORQUE -NOM. BIDIRECTIONAL [in-lb]	274	274	221	132	274	274	274	274
TORQUE -MAX OUTPUT [in-lb]	539	566	354	212	619	566	619	619
MOMENT OF INERTIA [oz-in-s ²]	0.00159	0.00142	0.00128	0.00121	0.00138	0.00135	0.00136	0.00135
WORKING TEMPERATURE [°F]	-13 TO 194	-13 TO 194	-13 TO 194	-13 TO 194	-13 TO 194	-13 TO 194	-13 TO 194	-13 TO 194
BACKLASH [arcmin]	<10	<10	<10	<10	<12	<12	<15	<15
TORSIONAL STIFFNESS [in-lb/arcmin]	21.2	22.1	20.3	17.7	21.2	22.1	22.1	22.1
EFFICIENCY [%]	98	98	97	96	96	95	92	90
SAP #	4332401001752	4332401001757	4332401001763	4332401001771	4332401001776	4332401001787	4332401001795	4332401001800



Applied Motion Products
A MOONS' COMPANY
PROPRIETARY AND CONFIDENTIAL

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
DIN ISO 2768-cL

MATERIAL	-
FINISH	-
DO NOT SCALE DRAWING	

NAME	DATE
C.BREUNINGER	02/13/23
PRE.CHECK	-
PRE.APPROVAL	-
FIN.CHECK	02/13/23
SAP: -	
ALT DWG. NO.: -	
ALT SAP: -	

TITLE:

GEAR HEAD

SIZE

DWG. NO.

REV

B

60PEXXX-SSAF1

D

SCALE: 1:2

SHEET 2 OF 2