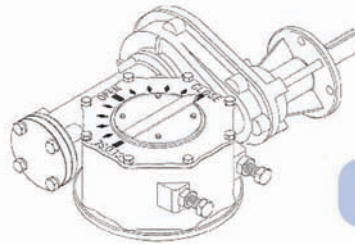


■ FEATURE

- All mounting bases conform to ISO 5210/1 Standards
- All castings are Ductile iron, Class 65-45-12
Excellent strength and impact resistance
- Worm Gear material is available in two options
 - Ductile iron, Class 80-55-06
 - Aluminum bronze, B148-C95800
- Worm is 4140 Heat Treated Alloy Steel
- Removable Splined Bushing to permit accurate positioning between gear drive and valve stem
- Options include hand wheels, chain wheels, etc

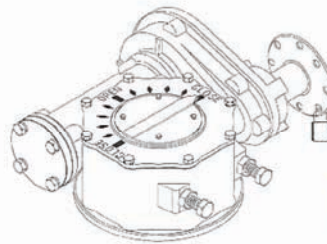
Bushing Type
Splines permit accurate alignment of valve stem key

M. O. V option



Worm Gear can be provided with Motor actuator Input flanges to accept standard ISO Mounting Base

Locking Device option



Input can be equipped with a Hand wheel locking Device for Manually operated units

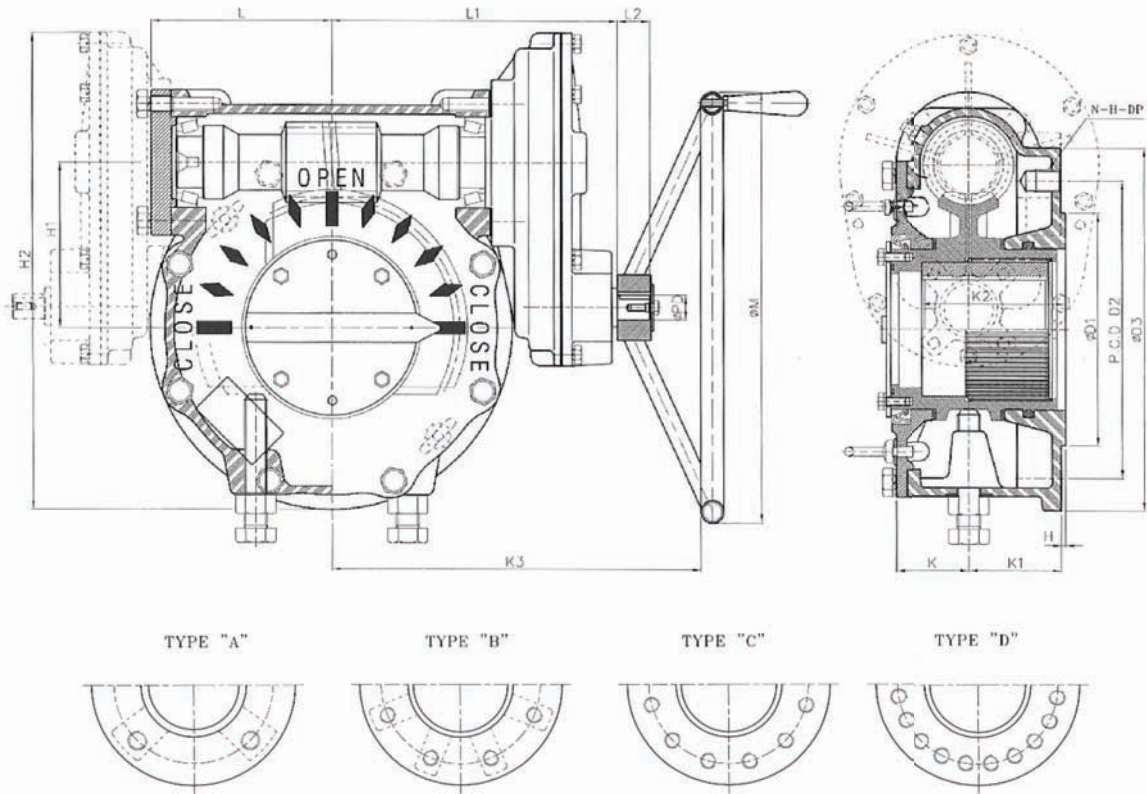
SELECTION CHART FOR MANUAL OPERATORS

MODEL	SIZE	GEAR RATIO	MAX. Stem	Acceptance	Mounting option & Standard	MAX. Torque Capacity		WEIGHT
						N • m	Ft lbf	Kg
ASBWG-00-1S		76 : 1	36	(10x8)	F-10, F-12	1000	738	13
ASBWG-01-1S		84 : 1	46	(14x9)	F-12, F-14	1550	1143	17
ASBWG-02-1S		120 : 1	60	(18x11)	F-14, F-16	2400	1770	27
ASBWG-03-1S		130 : 1	75	(20x12)	F-16, (F-20)	4300	3172	36
ASBWG-04-1S		168 : 1	95	(25x14)	(F-20), F-25	7700	5680	76
ASBWG-05-1S		180 : 1	115	(32x18)	F-25, F-30	14800	10916	102
ASBWG-06-1S		256 : 1	140	(36x20)	F-30, F-35	26700	19693	187
ASBWG-07-1S		272 : 1	180	(45x25)	F-35, F-40	51100	37690	293
ASBWG-08-1S		290 : 1	225	(50x28)	F-40, F-48	106000	78182	550
ASBWG-09-1S		310 : 1	280	(63x32)	F-48, F-60	167000	123173	970
ASBWG-10-1S		320 : 1	320	(70x36)	F-60	250000	184390	1570
ASBWG-11-1S		340 : 1	360	(80x40)	F-60	370000	272897	2200
ASBWG-12-1S		432 : 1	400	(90x45)	F-60, (F-80)	540000	398283	3205



Type A

Horizontal Input with Single Reduction Gear Attachment



DIMENSION

Unit : mm

DIM MODEL	TYPE	BASE PART					EXTERNAL PART							INPUT SHAFT PART			HAND WHEEL			
		FLANGE SIZE.	ØD1	D2	P.C.D N-H-DP	ØD3	H	H1	H2	K	K1	K2	K3	L	L1	L2	ØPD	KEY	ØM	
ASBWG-00-1S	A	F-12	85	125	4-M12-20 1/2"-13UNC	150	2	62.5	196	40	51	55	251	84	161	24	21	6x6	300	
ASBWG-01-1S		F-14	100	140	4-M16-25 5/8"-11UNC	175		75	221	39	54	67	261	93	170					400
ASBWG-02-1S		F-16	130	165	4-M20-30 3/4"-10UNC	210		91.5	283	49	63	77	308	111	198					450
ASBWG-03-1S	B	(F-16),F-20	160	205	8-M16-25 5/8"-11UNC	250	3	113	325	50	63	87	341	124	211	34	26	8x7	560	
ASBWG-04-1S		F-25	200	254	8-M16-25 5/8"-11UNC	300		144.5	413	67	89	111	400	156	260					630
ASBWG-05-1S		F-30	230	298	8-M20-30 3/4"-10UNC	365		184.5	490	70	91	134	450	169	290					710
ASBWG-06-1S		F-35	260	356	8-M30-45 1"-8UNC	465		230	615	85	117	156	547	217	367					800
ASBWG-07-1S		F-40	300	406	8-M36-55 1 1/4"-7UNC	475		280.5	713	109	125	193	576	230	376					900
ASBWG-08-1S	C	F-48	370	483	12-M36-55 1 1/4"-7UNC	560	3	339.5	871	130	135	235	662	294	462	58	50	16x10	1000	
ASBWG-09-1S	D	F-60	470	603	20-M36-55 1 1/4"-7UNC	700	3	429.5	1054	156	146	278	727	349	527	58	50	16x10	1000	
ASBWG-10-1S								513	1287	190	161	327	824	434	624					
ASBWG-11-1S								616.5	1502	213	186	375	882	477	682					
ASBWG-12-1S		(F-80)	650	800	20-M42-65 1 1/2"-6UNC	1000		809	1910	250	210	430	1005	600	905					