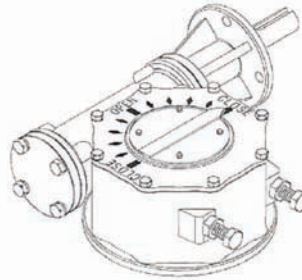


FEATURE

Bushing Type
Splines permit accurate alignment of valve stem key

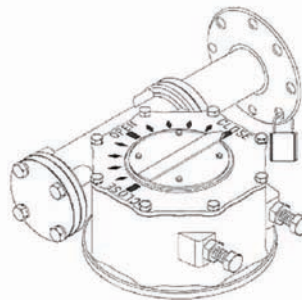
- All mounting bases conform to ISO 5210/1 Standards
- All castings are Ductile iron, Class 65-45-12
Excellent strength and impact resistance
- Worm Gear material is available in two options
 - Ductile iron, Class 80-55-06
 - Aluminum bronze, B148-C95800
- Worm is 4140 Heat Treated Alloy Steel
- Removable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

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

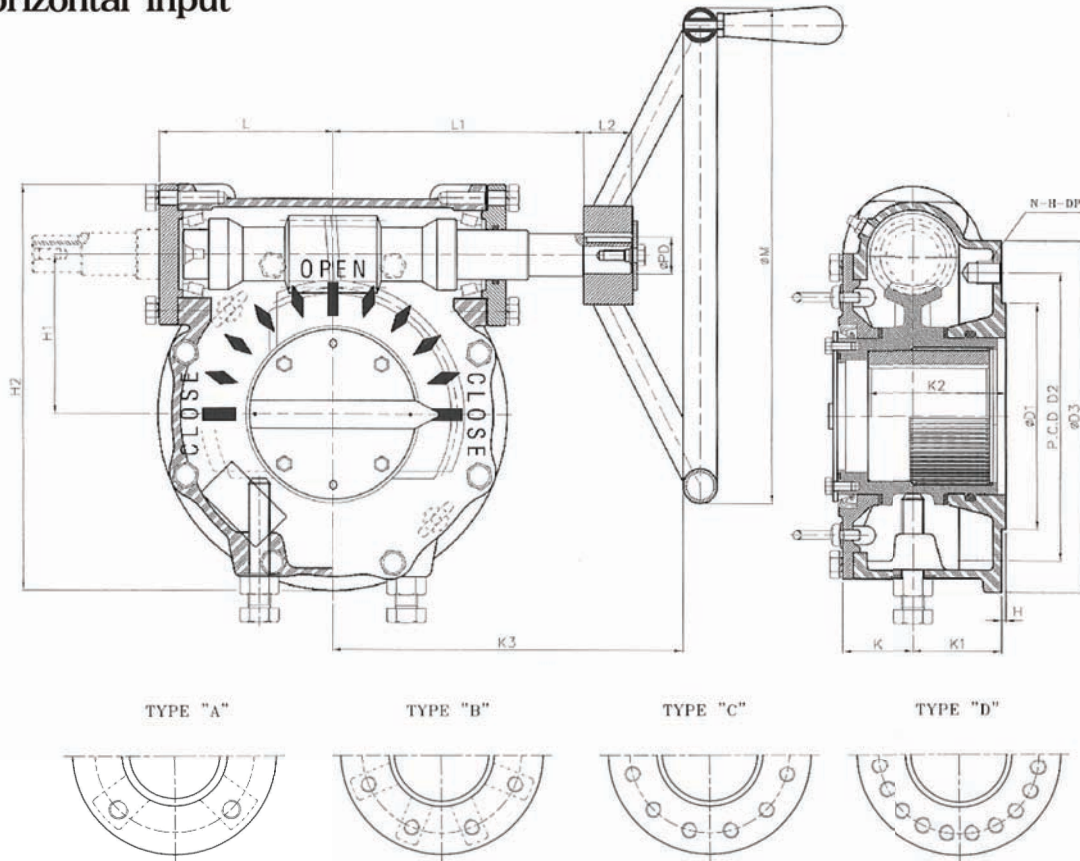
SELECTION CHART FOR MANUAL OPERATORS

MODEL	SIZE	GEAR RATIO	MAX. Stem Acceptance	Mounting option & Standard	MAX. Torque Capacity		WEIGHT Kg
					N · m	Ft · lbf	
ASBWG-BF		32 : 1	20 (6x6)	F-07	310	229	4
ASBWG-0		36 : 1	28 (8x7)	F-07, F-10	600	443	6
ASBWG-00		38 : 1	36 (10x8)	F-10, F-12	1000	738	9
ASBWG-01		42 : 1	46 (14x9)	F-12, F-14	1550	1143	13
ASBWG-02		48 : 1	60 (18x11)	F-14, F-16	2400	1770	21
ASBWG-03		52 : 1	75 (20x12)	F-16, (F-20)	4300	3172	30
ASBWG-04		56 : 1	95 (25x14)	(F-20), F-25	7700	5680	62
ASBWG-05		60 : 1	115 (32x18)	F-25, F-30	14800	10916	88
ASBWG-06		64 : 1	140 (36x20)	F-30, F-35	26700	19693	162
ASBWG-07		68 : 1	180 (45x25)	F-35, F-40	51100	37690	268
ASBWG-08		58 : 1	225 (50x28)	F-40, F-48	106000	78182	510
ASBWG-09		62 : 1	280 (63x32)	F-48, F-60	167000	123173	930
ASBWG-10		64 : 1	320 (70x36)	F-60	250000	184390	1515
ASBWG-11		68 : 1	360 (80x40)	F-60	370000	272897	2145
ASBWG-12		72 : 1	400 (90x45)	F-60, (F-80)	540000	398283	3130



Standard Type A

Horizontal input



DIMENSION

Unit : mm

DIM MODEL	TYPE	BASE PART					EXTERNAL PART										INPUT SHAFT PART			HAND WHEEL ØM		
		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-BF	A	F-07	55	70	4-M8-17 5/16"-18UNC	95	2	40.5	123	33	40	42	121	58	91	24	16	5x5	200			
ASBWG-0		F-10	70	102	4-M10-17 3/8"-16UNC	125		53	151	35	43	45	155	72	105				250			
ASBWG-00		F-12	85	125	4-M12-20 1/2"-13UNC	150		62.5	178	40	51	55	206	84	136				300			
ASBWG-01		F-14	100	140	4-M16-25 5/8"-11UNC	175		75	203	39	54	67	230	93	145				400			
ASBWG-02		F-16	130	165	4-M20-30	210		91.5	247	49	63	77	279	111	169				34	26	8x7	450
					3/4"-10UNC																	
ASBWG-03	B	(F-16),F-20	160	205	8-M16-30 5/8"-11UNC	250	3	113	288	50	63	87	312	124	182	34	26	8x7	560			
ASBWG-04		F-25	200	254	8-M16-32 5/8"-11UNC	300		144.5	365	67	89	111	371	156	231				32	10x8	630	
ASBWG-05		F-30	230	298	8-M20-40 3/4"-10UNC	365		184.5	437	70	91	134	425	169	244				710			
ASBWG-06		F-35	260	356	8-M30-45 1"-8UNC	465		230	553	85	117	156	513	217	306				44	38	12x8	800
ASBWG-07		F-40	300	406	8-M36-55	475		280.5	651	109	125	193	536	230	336				900			
					1 1/4"-7UNC																	
ASBWG-08	C	F-48	370	483	12-M36-55 1 1/4"-7UNC	560	3	339.5	800	130	135	235	615	294	415	58	50	16x10	1000			
ASBWG-09	D	F-60	470	603	20-M36-55	700	3	429.5	997	156	146	278	690	349	490	58	50	16x10	1000			
ASBWG-10					1 1/4"-7UNC	800		513	1191	190	161	327	814	434	614							
ASBWG-11					900	616.5		1400	213	186	375	857	477	657								
ASBWG-12					(F-80)	650		800	20-M42-85 1 1/2"-6UNC	1000	809	1807	250	210	430					1053	600	853