SERIES : GT/GTB

SPUR GEAR BOXES FOR SLUICE GATE VALVE

PERFORMANCE DATA INVERTED SPUR UNITS

MODEL	GEAR RATIO	OUTPUT TORQUE (Nm)	MECH ADV.
GT 60	4.0	470	3.4
GT 60	5.0	470	4.2
GT 75	4.5	760	3.8
GT 75	5.0	760	4.2
GT 75	6.0	760	5.1
GT 75	6.4	760	5.4
GT 105	6.25	1260	5.3
GT 105	8.4	1260	7.1
GT 105	10	1260	8.5
GT 150	8.5	1600	7.2
GT 150	10.29	1600	8.7
GT 150	12.0	1600	10.2
GT 150	14.18	1600	12.0
GT 150	16.0	1600	13.6
GT 250	8.5	4000	7.2
GT 250	10.29	4000	8.7
GT 250	12.0	4000	10.2
GT 250	14.18	4000	12.0
GT 250	16.0	4000	13.6
GT 280	12.57	5000	10.7
GT 280	14.2	5000	12.0
GT 280	16.0	5000	13.6

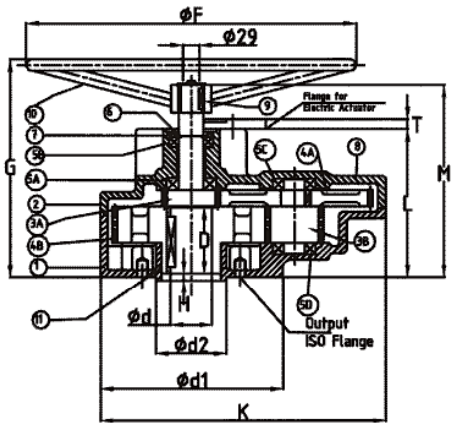
PERFORMANCE DATA BEVEL COMBINATION UNIT

GT 150 B7 I	21.6	1600	16.2
GT 150 B7 I	25.5	1600	19.12
GT 150 B7 I	28.8	1600	21.6
GT 150 B16 I	38.6	1600	28.95
GT 150 B16 I	46.8	1600	35.1
GT 150 B16 I	54.6	1600	40.95
GT 150 B16 I	64.5	1800	48.37
GT 150 B16 I	72.8	1800	54.6
GT 250 B7 I	21.6	4000	16.2
GT 250 B7 I	25.5	4000	19.12
GT 250 B7 I	28.8	4000	21.6
GT 250 B16 I	38.6	4000	28.95
GT 250 B16 I	46.8	4000	35.1
GT 250 B16 I	54.6	4000	40.95
GT 250 B16 I	64.5	4000	48.37
GT 250 B16 I	72.8	4000	54.6
GT 280 B16 I	46.8	5000	35.1
GT 280 B16 I	54.6	5000	40.95
GT 280 B16 I	64.5	5000	48.37
GT 280 B16 I	72.8	5000	54.6
GT 280 B26 I	54.5	5000	40.87
GT 280 B26 I	63.6	5000	47.7
GT 280 B26 I	75.2	5000	56.4
GT 280 B26 I	84.8	5000	63.6

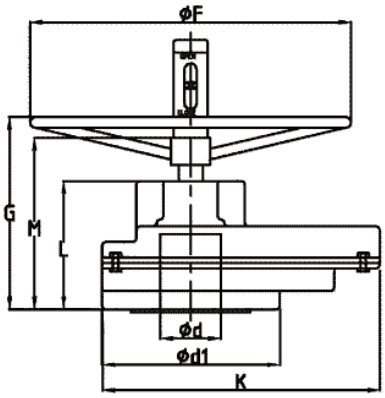
MATERIAL OF CONSTRUCTION

PART NO.	PART NAME	MATERIALS
1	BODY	Cast Iron Gr.FG 220
2	COVER	Cast Iron Gr.FG 220
3A	INPUT PINION	En8/En19
3B	PINION GEAR	En8/En19
4A	I/M GEAR	En8/S.G.I.Gr.600/3
4B	OUTPUT GEAR	S.G.Iron Gr.600/3
5A	BEARING INBOARD	STD.
5B	BEARING OUTBOARD	STD.
5C	P/N BEARING TOP	STD.
5D	P/N BEARING BOTTOM	STD.
6	CIRCLIP	STD.
7	OIL SEAL	STD.
8	GASKET	STD.
9	H.W.KEY	STEEL
10	HANDWHEEL	STEEL FAB
11	'O' RING	NITRILE
12	GREASE	MP3

INVERTED SPUR UNITS



INVERTED SPUR UNITS WITH LINEAR INDICATOR

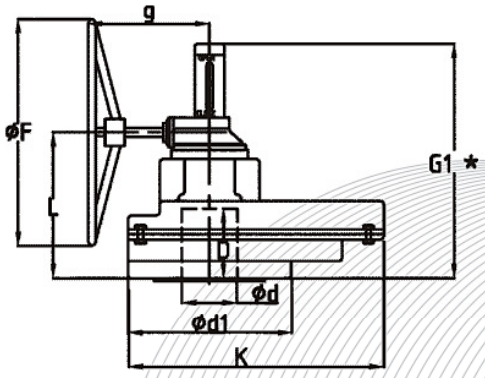


DIMENSIONAL DATA

MODEL	G	M	L	ød1	K	ØF	ød Max.	D Max.	VALVE MOUNTING FLANGES	
									Output	Input
GT 60	276	216	157	163	186	400	30	57	F10	F10
GT 75	301	241	181	176	233	400	40	81	F12/F14	F10
GT 105	301	241	181	210	315	500	50	80	F14/F16	F10/F14
GT 150	322	265	201	268	418	500	60	93	F14/F16	F10/F14
GT 250	356	292	228	356	556	700	90	93	F16/F25	F10/F14
GT 280	377	294	231	356	580	700	90	113	F16/F25	F10/F14

ISO Flanges	F10	F12	F14
T	15	18	23

INVERTED SPUR UNITS WITH BEVEL COMBINATION AND LINEAR INDICATOR



DIMENSIONAL DATA

MODEL	L	ød1	K	ØF	g	ød Max.	ØD Max.	VALVE MOUNTING FLANGES
GT 150 B7 I	264	268	418	500	324	60	93	F14/F16
GT 150 B16 I	269	268	418	300	326	60	93	F14/F16
GT 250 B7 I	291	356	556	600	324	90	93	F16/F25
GT 250 B16 I	298	356	556	300	321	90	93	F16/F25
GT 280 B16 I	345	356	580	300	321	90	93	F16/F25
GT 280 B26 I	471	356	580	300	388	90	93	F16/F25

NOTE :

* G1* depends on Valve Size / Travel
* Drive bore to be specified by the customer.
* Key way confirm to IS:2048
* Mounting hole to ISO 5210 STD. Others optional.
* Output torque shall be derated for electric operation.
* Other materials not mentioned above are available on request.

SUPRIYA PROTOTECH
Range of Valves and Accessories

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