

单级直交涡轮减速机规格及安装尺寸

Dimensions of Right Angle Worm Gearbox

3. 型号说明 / MODEL ILLUMINATE OF NMRV/TNRV/TRV

3.1 TNRV / TRV 蜗轮蜗杆减速机与减速器 / Worm geared motos and worm gear units

减速器 / Gear unit

电机 / Motor

TNRV 063 - 40 - E FA1 SS1 71B5 B3								- 7124 或/or 0.37 - 4 / 1
①	②	③	④	⑤	⑥	⑦	⑧	⑨
⑩								

No	说 明	Comments
1	型号代码 1). TNRV: 孔输入带输入法兰 2). TRV: 轴输入不带输入法兰	Model code 1). TNRV: Hole input with flange 2). TRV: Shaft input without flange
2	蜗轮蜗杆减速机中心距(规格)	Central distance of worm gear units (spec)
3	减速器速比 (i = 7.5; 10; 15; 20; 25; 30; 40; 50; 60; 80; 100)	Speed ratio of reducer (i = 7.5; 10; 15; 20; 25; 30; 40; 50; 60; 80; 100)
4	1). 无代号表示不带蜗杆同向输出轴 2). E: 带蜗杆同向输出轴	1). No mark means single extension worm shaft 2). E: Double extension worm shaft
5	1). 无代号表示不带输出法兰 2). FA,FB,FC,FD,FE(1/2): 输出法兰代号和位置	1). No mark means without output flange 2). FA,FB,FC,FD,FE(1/2): output Flange and position
6	1). 无代号表示孔输出 2). SS(1/2): 单向输出轴和位置 3). DS: 双向输出轴	1). No mark means hole output 2). SS(1/2): Single output shaft and position 3). DS: Double output shaft
7	输入法兰规格型式(不带电机时)	Normalized form of input flange (without motor)
8	安装方位代号	Installation position code
9	1). 无代号表示不带电机 2). 电机型号或功率、极数	1). No mark means without motor 2). Model motos (poles of power)
10	电机接线盒位置, 默认位置1可以不写	Position diagram for motor terminal box default position 1 not to write out is ok



TNRV/NMRV020~150



TVR030~150



UDL - TNRV..



TNRV - TNRV..



TRV - TNRV..

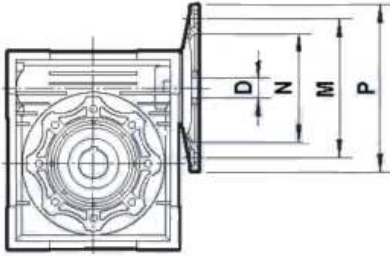


PC - TNRV..

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速比与IEC接口 / Ratio and IEC motor adapters



(*) 如需要特殊平键, 请与技术部联系。

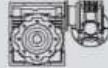
(*) If you want special key, please call our Technical Service

TNRV	IEC 接口 / IEC motor adapters				D 输入轴直径 / THE HOLE DIAMETER OF INPUT SHAFT												
	IEC	P	M	N	i 传动比 / TRANSMISSION RATIO												
					5	7.5	10	15	20	25	30	40	50	60	80	100	
NMRV025	56B14	80	65	50		9	9	9	9	9	9	9	9	9			
NMRV030	56B5	120	100	80													
	56B14	80	65	50	9	9	9	9	9	9	9	9	9	9	9	9	
	63B5	140	115	95	11	11	11	11	11	11	11	11					
NMRV040	63B14	90	75	60													
	56B5	120	100	80									9	9	9	9	
	63B5	140	115	95	11	11	11	11	11	11	11	11	11	11	11	11	
	63B14	90	75	60													
	71B5	160	130	110	14	14	14	14	14	14	14						
NMRV050	71B14	105	85	70													
	63B5	140	115	95								11	11	11	11	11	
	71B5	160	130	110	14	14	14	14	14	14	14	14	14	14	14		
	71B14	105	85	70													
	80B5	200	165	130	19	19	19	19	19	19							
NMRV063	80B14	120	100	80													
	71B5	160	130	110		14	14	14	14	14	14	14	14	14	14	14	
	71B14	105	85	70													
	80B5	200	165	130		19	19	19	19	19	19	19	19	19	19		
	80B14	120	100	80													
NMRV075	90B5	200	165	130		24	24	24	24	24	24	24					
	90B14	140	115	95													
	71B5	160	130	110		14	14	14	14	14	14	14	14	14	14	14	
	80B5	200	165	130		19	19	19	19	19	19	19	19	19	19	19	
	80B14	120	100	80													
	90B5	200	165	130		24	24	24	24	24	24	24	24	24			
	90B14	140	115	95													
NMRV090	100/112B5	250	215	180		28	28	28	28	28	28						
	100/112B14	160	130	110													
	80B5	200	165	130		19	19	19	19	19	19	19	19	19	19	19	
	80B14	120	100	80													
	90B5	200	165	130		24	24	24	24	24	24	24	24	24	24		
NMRV105	90B14	140	115	95													
	100/112B5	250	215	180		28	28	28	28	28	28	28					
	100/112B14	160	130	110													
	80B5	200	165	130		19	19	19	19	19	19	19	19	19	19	19	
TNRV110	90B5	200	165	130		24	24	24	24	24	24	24	24	24	24	24	
	100/112B5	250	215	180		28	28	28	28	28	28	28	28	28			
	132B5	300	265	230		38°	38°	38°	38°	38°	38°	38°					
	80B5	200	165	130		19	19	19	19	19	19	19	19	19	19	19	
NMRV130	90B5	200	165	130													
	100/112B5	250	215	180						28	28	28	28	28	28	28	
	132B5	300	265	230		38°	38°	38°	38°	38°	38°	38°					
NMRV150	100/112B5	250	215	180									28	28	28	28	
	132B5	300	265	230					38	38	38	38	38	38			
	160B5	350	300	250		42	42	42	42	42							

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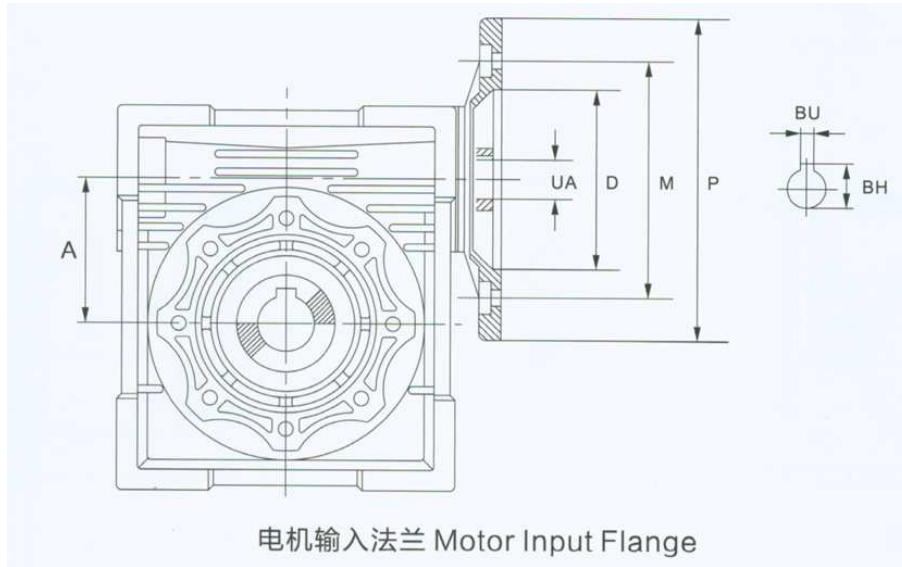
TNRV.. / TNRV.. PERFORMANCE PARAMETER

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i	F _{r2} [N]	f _s			Page
0.25	0.6	1702	2400	18000	1.6	TNRV063/150	7114	99
	0.5	1998	3000	18000	1.2			
	0.4	2453	4000	18000	0.9			
	0.3	2749	5000	18000	0.8			
0.37	9.3	182	300	6270	1.3	TNRV030/063	7112	95
	7.0	222	400	6270	1.0			
	14.0	169	100	3800	0.8			
	14.0	169	100	4967	1.5			
	9.3	238	150	5686	1.1	TNRV040/063	7124	96
	7.0	300	200	6259	0.8			
	14.0	172	100	5863	2.1			
	9.3	245	150	6712	1.7			
	7.0	309	200	7380	1.4	TNRV040/075	7124	96
	5.6	370	250	7380	1.0			
	4.7	383	300	7380	1.0			
	3.5	474	400	7380	0.7			
	14.0	176	100	6487	2.1	TNRV040/090	7124	96
	9.3	251	150	7426	2.1			
	7.0	322	200	8174	1.9			
	5.6	386	250	8180	1.5			
	4.7	406	300	8180	1.5	TNRV050/090	7124	97
	3.5	505	400	8180	1.2			
	2.8	593	500	8180	0.9			
	2.3	722	600	8180	0.8			
	2.3	722	600	8180	0.8	TNRV050/105	7124	97
	14.0	180	100	6487	3.3			
	9.3	257	150	7426	2.6			
	7.0	329	200	8174	1.9			
	5.6	395	250	8180	1.4	TNRV050/110	7124	97
	4.7	441	300	8180	1.6			
	3.5	545	400	8180	1.1			
	2.8	727	500	8180	0.8			
	2.3	812	600	8180	0.9	TNRV063/105	7124	98
	1.9	977	750	8180	0.7			
	7.0	338	200	10320	3.4			
	5.6	412	250	10320	2.8			
	4.7	441	300	10320	2.9	TNRV063/105	7124	98
	3.5	571	400	10320	2.1			
	2.8	757	500	10320	1.5			
	2.3	812	600	10320	1.6			
	1.9	837	750	10320	1.2	TNRV063/105	7124	98
	1.6	928	900	10320	1.0			
	1.2	1148	1200	10320	0.7			
	0.9	1623	1500	10320	0.8			
	7.0	338	200	10320	3.4	TNRV063/105	7124	98
	5.6	412	250	10320	2.8			
	4.7	441	300	10320	2.9			
	3.5	571	400	10320	2.1			
	2.8	757	500	10320	1.5	TNRV063/105	7124	98
	2.3	812	600	10320	1.6			
	1.9	837	750	10320	1.2			
	1.6	928	900	10320	1.0			
	1.2	1148	1200	10320	0.7	TNRV063/105	7124	98
	0.9	1623	1500	10320	0.8			
	7.0	338	200	10320	3.0			
	5.6	412	250	10320	2.5			

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3.1 单级蜗杆减速机 Single-step Worm Reducer



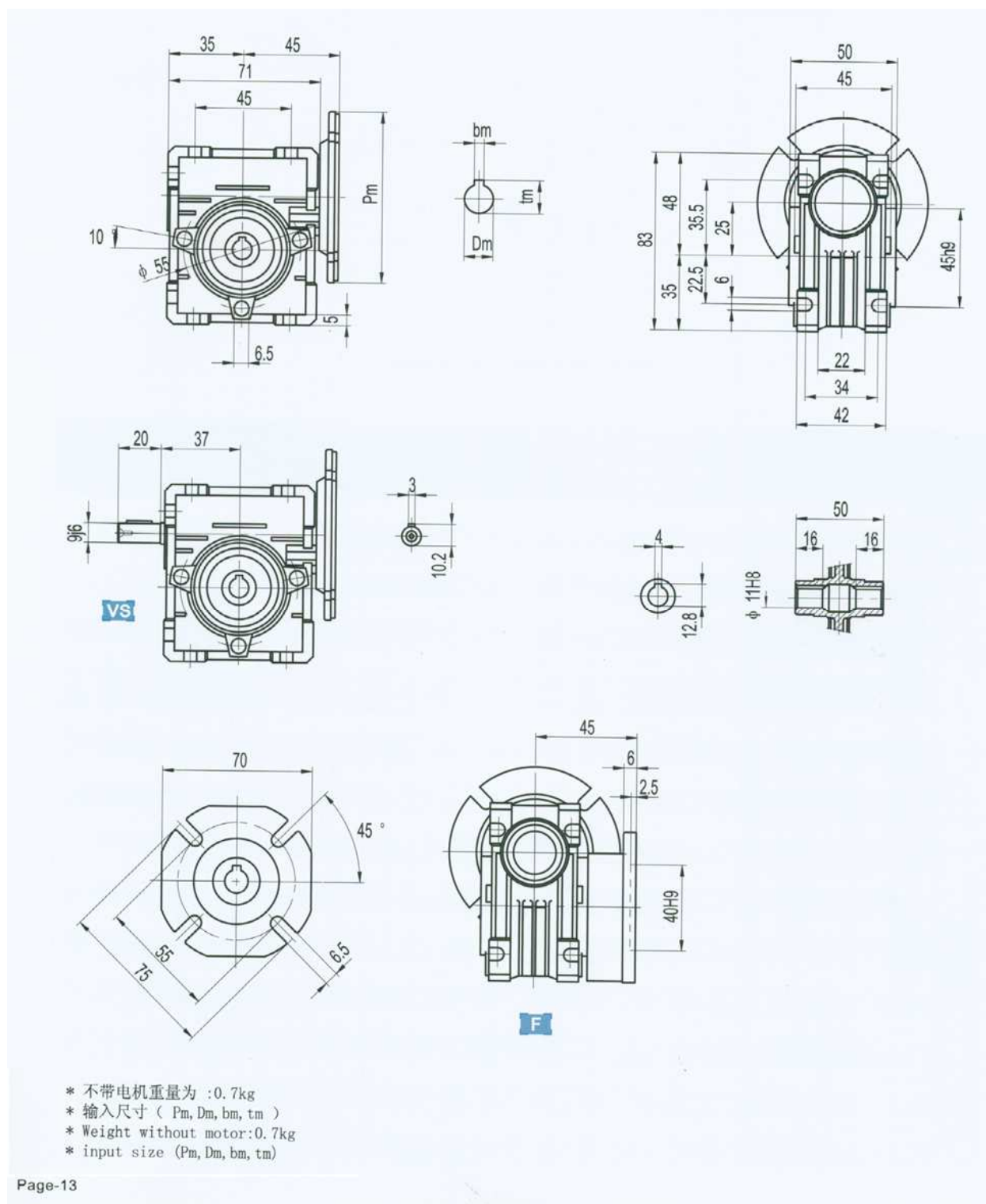
中心轴 Center Distance A	电机法兰 Motor Flange						输入轴孔直径 UA The Hole Diameter of Shaft										
	PAM	D	M	P	BU	BH	传动比 Transmission Ratio										
	IEC						7.5	10	15	20	25	30	40	50	60	80	100
25	56B14	50	65	80	3	10.4	9	9	9	9	-	9	9	9	9	-	-
30	63B5	95	115	140	4	12.8	11	11	11	11	11	11	11	11	-	-	-
	63B14	60	75	90													
	56B5	80	100	120	3	10.4	9	9	9	9	9	9	9	9	9	9	-
	56B14	50	65	80													
40	71B5	110	130	160	5	16.3	14	14	14	14	14	14	14	-	-	-	-
	71B14	70	85	105													
	63B5	95	115	140	4	12.8	-	-	-	11	11	11	11	11	11	11	-
	63B14	60	75	90													
	56B5	80	100	120	3	10.4	-	-	-	-	-	-	-	9	9	9	9
	80B5	130	165	200													
50	80B14	80	100	120	6	21.8	19	19	19	19	19	19	-	-	-	-	-
	71B5	110	130	160													
	71B14	70	85	105	5	16.3	-	14	14	14	14	14	14	14	14	14	-
	63B5	95	115	140													
	90B5	130	165	200	8	27.3	24	24	24	24	24	24	-	-	-	-	-
	90B14	95	115	140													
63	80B5	130	165	200	6	21.8	-	-	19	19	19	19	19	19	19	-	-
	80B14	80	100	120													
	71B5	110	130	160	5	16.3	-	-	-	-	-	-	14	14	14	14	14
	71B14	70	85	105													
	100/112B5	180	215	250	8	31.3	28	28	28	-	-	-	-	-	-	-	-
	100/112B14	110	130	160													
75	90B5	130	165	200	8	27.3	-	24	24	24	24	24	24	-	-	-	-
	90B14	95	115	140													
	80B5	130	165	200	6	21.8	-	-	-	-	19	19	19	19	19	19	19
	80B14	80	100	120													
	100/112B5	180	215	250	8	31.3	28	28	28	28	28	28	-	-	-	-	-
	100/112B14	110	130	160													
90	90B5	130	165	200	8	27.3	-	-	-	24	24	24	24	24	24	-	-
	90B14	95	115	140													
	80B5	130	165	200	6	21.8	-	-	-	-	-	-	19	19	19	19	19
	80B14	80	100	120													
	132B5	230	265	300	10	41.1	38	38	38	38	-	-	-	-	-	-	-
	100/112B5	180	215	250													
110	90B5	130	165	200	8	27.3	-	-	-	-	-	-	24	24	24	24	24
	132B5	230	265	300													
	100/112B5	180	215	250	8	31.3	-	-	-	-	28	28	28	28	28	28	28
130	132B5	230	265	300													
	100/112B5	180	215	250	8	31.3	-	-	-	-	28	28	28	28	28	28	28
	160B5	250	300	350													
150	132B5	230	265	300	10	41.3	-	-	-	38	38	38	38	38	38	-	-
	100/112B5	180	215	250													
	132B5	230	265	300	10	41.3	-	-	-	38	38	38	38	38	38	-	-
	100/112B5	180	215	250													

单级直交涡轮减速机规格及安装尺寸

Dimensions of Right Angle Worm Gearbox

3.1.1 安装尺寸 Overall Dimensions of GearBox

Type: YHNMRV025

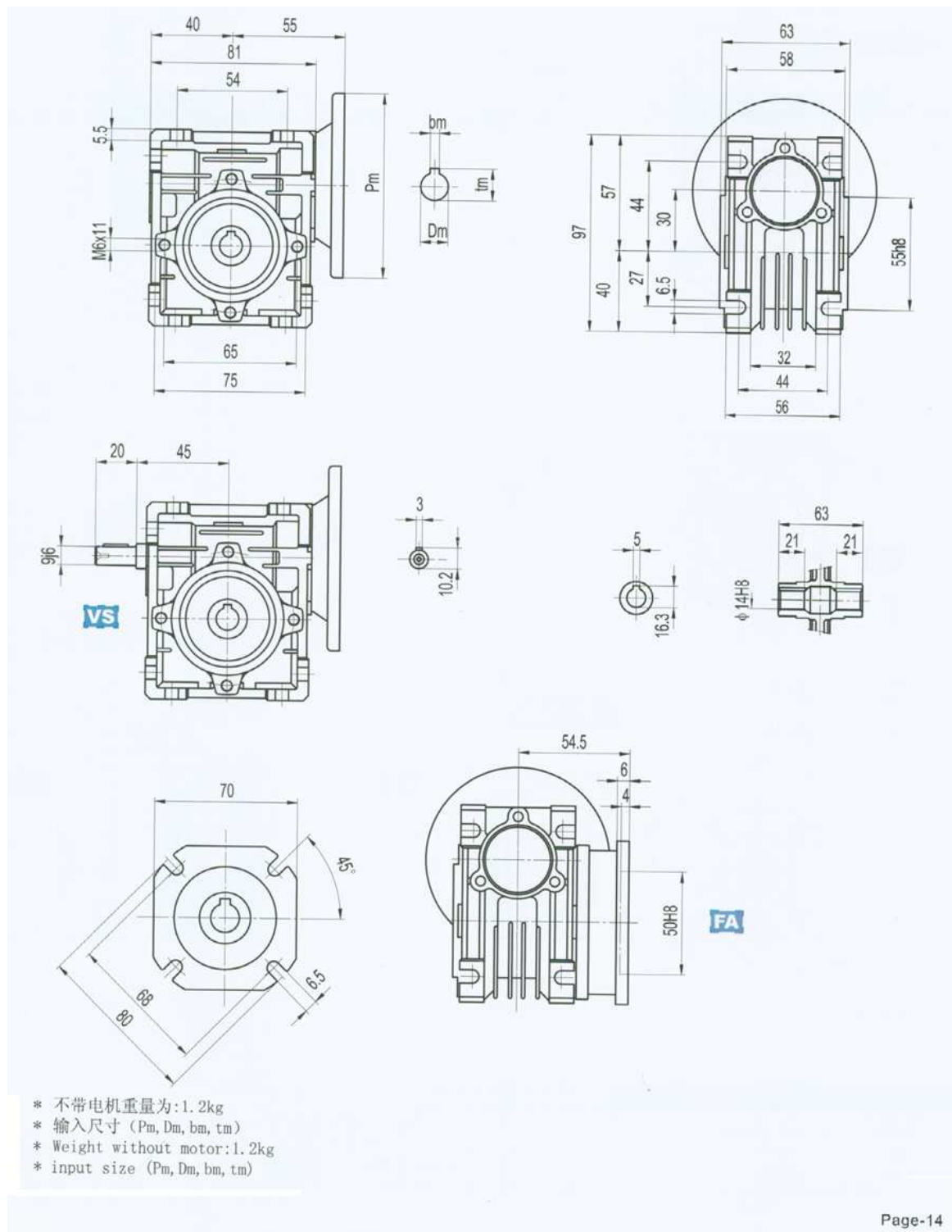


单级直交涡轮减速机规格及安装尺寸

Dimensions of Right Angle Worm Gearbox

3.1.2 安装尺寸 Overall Dimensions of GearBox

Type: YHNMRV030

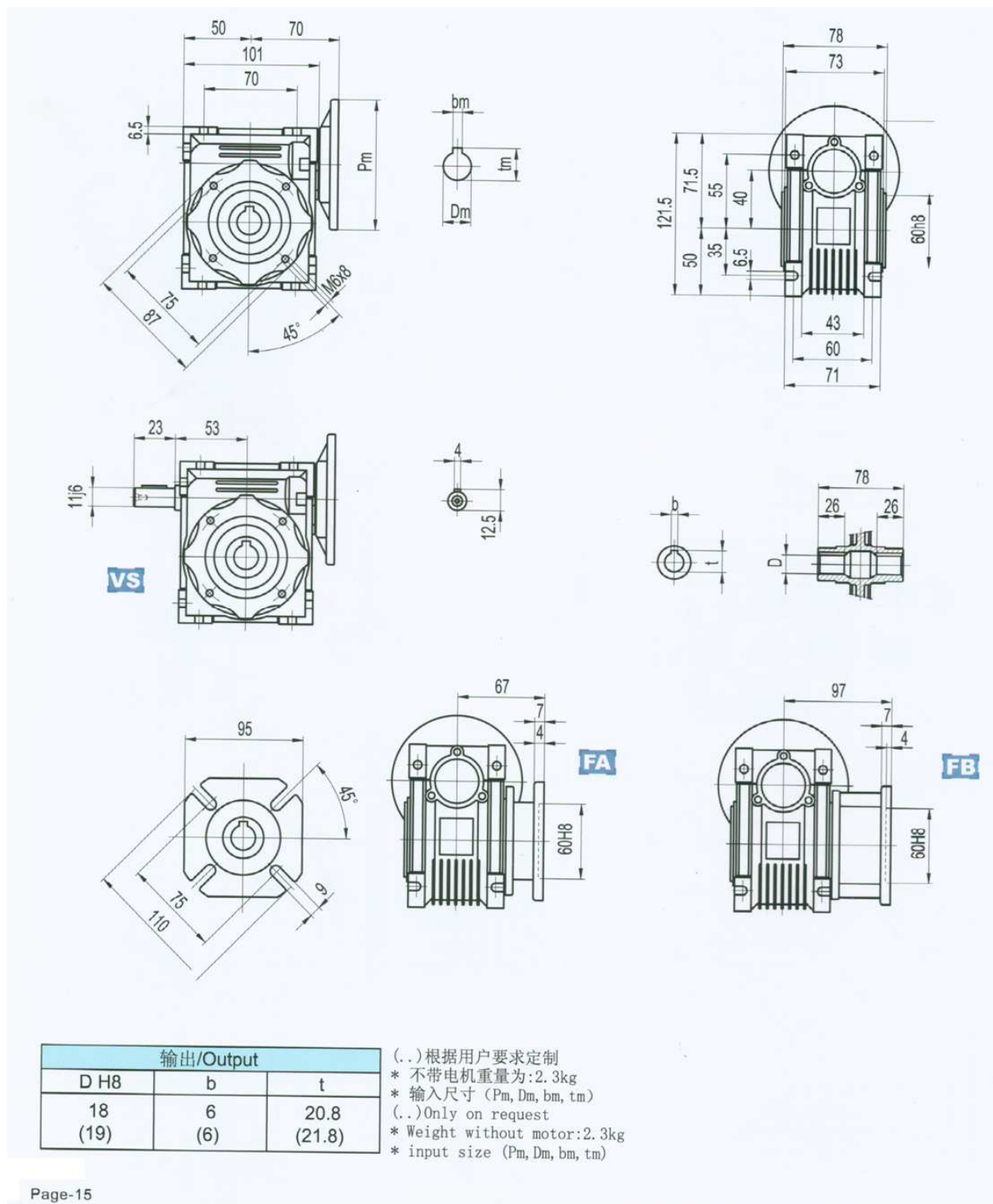


单级直交涡轮减速机规格及安装尺寸

Dimensions of Right Angle Worm Gearbox

3.1.3 安装尺寸 Overall Dimensions of GearBox

Type: YHNMR040



Dimensions of Right Angle Worm Gearbox

Type: YHNMR050

